==========

Metric No: 1.2.1. Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

DVV Comment:

Provide List of new courses introduced program-wise during the last five year period as certified by the Registrar. Minutes of the relevant Faculty Meeting/IQAC/ BOS/Academic Review Committee meeting and subsequent Academic Council highlighting the courses introduce for the year 2021-22.

HEI Response:

New courses were introduced within the last five years.

https://svuniversity.edu.in/wp-content/uploads/2022/08/1.2.1.1-How-many-new-courses-were-introduced-within-the-last-five-years..pdf

Number of courses offered by the institution across all programmes during the last five years.

https://svuniversity.edu.in/wp-content/uploads/2022/08/1.2.1.2-Number-of-courses-offered-by-the-institution-across-all-programmes-during-the-last-five-years.pdf

Minutes of the relevant Faculty Meeting/IQAC/ BOS/Academic Review Committee meeting and subsequent Academic Council highlighting the courses introduced for the year 2021-22.

File enclosed

PRINCIPAL S.V. COLLEGE OF SCIENCES S.V. UNIVERSITY, TIRUPATI-517 502

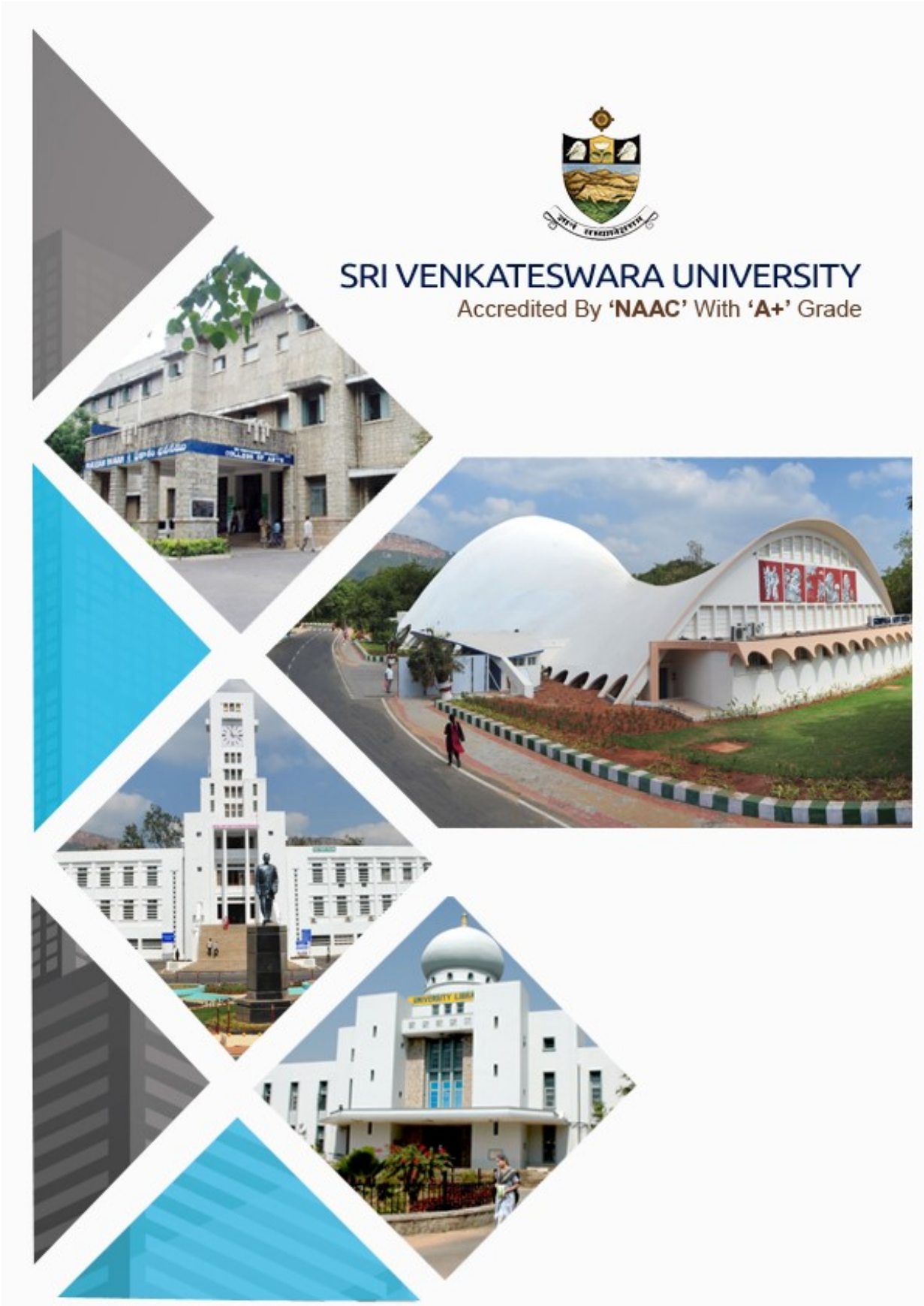
PRINCIPAL S.V. COLLEGE OF ENGINEERING TIRUPATI-517 502

PRINCIPAL S.V. UNIVERSITY COLLEGE OF ARTS TIRUPATI-517 502

PRINCIPAL College of Commerce, Management & Computer Science SRI VENKATESWARA UNIVERSITY Tirupati-517 502

REGISTRAR S.V. UNIVERSITY TIRUPATI.

Prof. M. Srinivasulu Reddy
Director
NAAC Steering Committee
Sri Venkateswara University
Tirupati-517 502



1.2.1: Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

1.2.1: Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.						
S.No.	**Year**	**Arts/IASE/Science/Commerce/ Pharmacy**	**Engineering**	**Total No. of New Courses**	**Total Courses**	**Percentage**
1	2017	–	47	47	**11264**	**16.95**
2	2018	52	152	204		
3	2019	24	152	176		
4	2020	0	139	139		
5	2021	1204	139	1343		
			Grand Total	**1909**		

1.2.1: Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.						
2017	1-1422777024	B.Tech (CIVIL)	2016	1	ECT01	Basic Electronic Engineering
			2016	2	CET03	Building materials & Construction Technology
			2016	3	CET17-E1	Neural Networks In Civil Engineering
			2016	4	CET17-E2	Optimization Methods in Civil Engineering
			2016	5	CET17-E4	Air Pollution And Control
			2016	6	CET17-E5	Water Power Engineering
			2016	7	CET17-E6	Noise Pollution And Control
			2016	8	CET17-E7	Watershed Management
			2016	9	CET22-OE1	Green Technology
			2016	10	CET22-OE2	Disaster Management
			2016	11	CET28-E1	Non Conventional Energy Science
			2016	12	CET28-E2	Environmental Impact Assessment And Environmental Audit
			2016	13	CET28-E3	Geo-environmental Engineering
			2016	14	CET28-E4	Concrete Dams
			2016	15	CET28-E5	Planning And Development of Water Resources Projects
			2016	16	CET28-E6	Bridge Engineering
			2016	17	CET28-E7	Applied Soil Mechanics
			2016	18	CET28-E8	Urban Hydrology

			2016	19	CET29	Professional Ethics
			2016	20	MAT04	Numerical Methods
			2016	21	CEP13	Mini Project/ Internship
			2016	22	CET30	Elective-4(MOOCS)
2017	1-1422777036	M.Tech (GEO TECH ENGG.)	2016	23	CEMAC 501	Advanced Engineering Mathematics
			2016	24	CEGTC 502	Basic Geomechanics and Soil Behaviour
			2016	25	CEGTC 503	Soil Dynamics & Machine Foundations
			2016	26	CEGTC 504	Experimental Geomechanics
			2016	27	CEGTP 507	Geotechnical Engg. (Practical)
			2016	28	CEGTC 601	Advanced Foundation Engineering
			2016	29	CEGTC 602	Ground Improvement Techniques
			2016	30	CEGTC 603	Earth and Earth Retaining Structures
			2016	31	CEGTC 604	Numerical Methods in Geotechnical Engineering
2017	1-1422777038	M.Tech (STRUCTURAL ENGG.)	2016	32	CESES 508	Seminar -I
			2016	33	CESES 608	Seminar – II
			2016	34	CESEV 609	Comprehensive Viva-Voce
			2016	35	CESED 701	Dissertation Work
			2016	36	1	Disaster Management
			2016	37	2	Green Technology
2017	1-1422777046	B.Tech (EEE)	2016	38		Basic Civil Engineering
			2016	39		Basic Mechanical Engineering
			2016	40	EET03	Network Analysis
			2016	41	ECT02	Electronic Devices
			2016	42	EET07	Signals and Systems
			2016	43	EET17	Micro processors and micro controllers
			2016	44	OE01	Open elective
			2016	45	EEP11	Mini Project / Internship
			2016	46	EEL03	Elective-IV (e-learning)
			2016	47	EEL04	Elective -V(MOOCS)
1.2.1.1. Number of New Courses in all programmes year-wise during the last Five years (2018-19)						
2018	244&136	Anthropology	2018	1	ANS-408	OE-2. APPLIED ANTHROPOLOGY
			2018	2	ANB-408	OE. 2. ENVIRONMENTAL ANTHROPOLOGY

2018	202	Botany	2018	3	Bot-304 EE	Plants and Human Welfare / Gardening & Nursery Techniques
2018	264	Biotechnology	2018	4	BTH 103 P	Practicals related to Biochemical Preparations and Analysis & Analytical Methods
			2018	5	BTH 104 P	Practicals Related to Microbiology and Immunology
			2018	6	BTH 203 P	Practicals related to Enzymology & Molecular Biology
			2018	7	BTH 204 P	Practicals related to Biostatistics and Bioinformatics
			2018	8	BTH 205	Research Methodology, Biostatistics and Bioinformatics
			2018	9	BTH 303 P	Practical related to Genetic Engineering, Cell and Tissue Culture & Food and Industrial Biotechnology
			2018	10	BTH 304 (Two papers out of Three)	a) Bioprocess Engineering and Technology b) Legal, Ethical and Implications of Biotechnology c) Food and Industrial Biotechnology
			2018	11	BTH 305 (For other department studies)	a) Plant Tissues Culture b) Bioethics c) Bioinformatics
			2018	12	BTH 403	Project Work
			2018	13	BTH 404	a) Pharmaceutical Biotechnology b) Animal Biotechnology c) Applications of Biotechnology d) Practicals related to Environmental Biotechnology & Plant Biotechnology
			2018	14	BTH 405	a) Tools in Biotechnology b) Immunology c) Applications of Biotechnology
2018	266	Environmental Sciences	2018	15	ENV 305 A	Ecotourism and Eco- Restoration
			2018	16	ENV 405 A	Disaster Mitigation and Management
2018	238	Applied Mathematics	2019	17	AMA304c	Semi group theory
			2018	18	PHY 101	Classical Mechanics and Theory of Relativity
			2018	19	PHY 102	Atomic and Molecular Physics
			2018	20	PHY 103	Solid State Physics
			2018	21	PHY 104	Analog and Digital Electronics

2018	242	Physics	2018	22	PHY 105	General Physics lab. - I
			2018	23	PHY 106	Electronics lab. - I
			2018	24	PHY 201	Statistical Mechanics
			2018	25	PHY 202	Electromagnetic Theory, Lasers and Modern Optics
			2018	26	PHY 203	Mathematical Physics
			2018	27	PHY 204	Nuclear Physics and Analytical Techniques
			2018	28	PHY 205	General Physics lab. - II
			2018	29	PHY 206	Electronics lab. - II
			2018	30	PHY 303 A	Applied Spectroscopy-I
			2018	31	PHY 303 B	Condensed Matter Physics-I
			2018	32	PHY 303 C	Electronics-embedded
			2018	33	PHY 304 A	Photonics- I
			2018	34	PHY 304 B	Solar Energy-Thermal Aspects
			2018	35	PHY 304 C	Vacuum and Thin Film Technology
			2018	36	PHY 305	Specialization-Lab.
			2018	37	PHY 306	Elective - Lab
			2018	38	PHY 403 A	Applied Spectroscopy-II
			2018	39	PHY 403 B	Condensed Matter Physics-II
			2018	40	PHY 403 C	Electronics-Wireless Communications
			2018	41	PHY 404 A	Photonics - II
			2018	42	PHY 404 B	Solar Energy-Photovoltaic Aspects
			2018	43	PHY 404 C	Properties and Applications of Thin Films
			2018	44	PHY 405	Specialization-Lab. – II / Project Work
			2018	45	PHY 406	Elective – Lab. - II /Project Work
2018	260	Zoology	2018	46	ZOO 306 B	Genetic Engineering
			2018	47	ZOO 306 C	Human Health & Infectious Diseases
			2018	48	ZOO 406 A	Environmental Impact Assessment and Green Auditing
			2018	49	ZOO 406 B	Structural Biology
			2018	50	ZOO 406 C	PathoBiology
2018	269	Animal Biotechnology	2018	51	ABT-GE-305 A	Cancer Biology
			2018	52	ABT-OE-306 B	Genetic Engineering
2018	1-1422777026	B.TECH (CHEMICAL)	2018	1	CHBST 102	Chemistry For Chemical Engineering – I
			2018	2	MEEST 105	Engineering Graphics And Design
			2018	3	CSEST 203	Programming For Problem Solving

			2018	4	CSESP 206	Programming For Problem Solving Lab
			2018	5	PAMCT401	constitution of India
2018	1-1422777052	M.Tech (CHEMICAL)	2018	6	CHPC 01	Mathematical And Statistical Methods In Chemical Engineering
			2018	7	PGMC 41	Research Methodology And Ipr
			2018	8	PGPA 11	English For Research Paper Writing
			2018	9	PGPA 12	Disaster ManagementDisaster Management
			2018	10	PGPA 23	Stress Management By Yoga
			2018	11	CHPE 55	Polymer Science and Engineering
			2018	12	PGOP 12	Industrial Safety
2018	1-1422777024	B.Tech (CIVIL)	2018	13	CSEST 203	Programming for Problem solving
			2018	14	CEPCT 304	Building Materials and Construction Technology
			2018	15	PAMCT 401	Constitution of India
			2018	16	MABST 402	Mathematics – IV
			2018	17	CEPCD 407	Computer aided Building Drawing
			2018	18	CEPCP 507	Hydraulic Engineering Lab
			2018	19	Open Elective	Open Elective - MOOCS
			2018	20	MGHST 608	Management(Organizational Behaviour)
			2018	21	CEHST 704	Professional Practice, Law & Ethics
			2018	22	CEPCI 705	Industry Internship
			2018	23	CEOET 707	Open Elective - MOOCS
			2018	24	CEPET 802	Prestressed Concrete
2018	1-1422777036	M.Tech (GEO-TECH ENGG.)	2018	25	GTPE21	FEM in Geomechanics
			2018	26	GTPE22	Environmental Geotechnology
			2018	27	GTPE23	Critical State Soil Mechanics
			2018	28	GTPE51	Stability analysis of slopes
			2018	29	GTPE52	Foundations on weak rocks
			2018	30	GTPE53	Geotechnical earthquake engineering
			2018	31	GTOE11	Business Analytics
			2018	32	GTOE12	Industrial Safety
			2018	33	GTOE13	Operations Research
			2018	34	GTOE14	Cost Management of Engineering Projects
			2018	35	GTOE15	Composite Materials
			2018	36	GTOE16	Energy Generation from Waste
			2018	37	SEPE12	Theory and Applications of Cement Composites

			2018	38	SEPE21	Analytical and Numerical Methods for Structural Engineering
			2018	39	SEPE22	Structural Health Monitoring
			2018	40	SECP01	Advanced Structural Analysis Lab
			2018	41	SECP02	Advanced Solid Mechanics Lab
			2018	42	PGPA11	English for Research Paper Writing
			2018	43	PGPA13	Sanskrit for Technical Knowledge
			2018	44	PGPA14	Value Education
			2018	45	PGPC41	Research Methodology and IPR
			2018	46	SEPE34	Design of Masonry Structures
			2018	47	SEPE41	Design of Advanced Concrete Structures
			2018	48	SEPE42	Advanced Design of Foundations
			2018	49	SECP03	Core Lab III Model Testing Lab
2018	1-1422777038	M.Tech (STRUCTURAL ENGG.)	2018	50	SECP04	Core Lab IV Numerical Analysis Lab
			2018	51	PGPA21	Constitution Of India
			2018	52	PGPA22	Pedagogy Studies
			2018	53	PGPA23	Stress Management By Yoga
			2018	54	PGPA24	Personality Development Through Life Enlightenment Skills
			2018	55	SEMP01	Mini Project
			2018	56	SEPE52	Analysis of Laminated Composite Plates
			2018	57	SEOE11	Business Analytics
			2018	58	SEOE12	Industrial Safety
			2018	59	SEOE13	Operations Research
			2018	60	SEOE14	Cost Management of Engineering Projects
			2018	61	SEOE15	Composite Materials
			2018	62	SEOE16	Energy Generation from Waste
			2018	63	SEPD01	Major project: Phase-I Dissertation
			2018	64	SEPD02	Major project: Phase-II Dissertation
			2018	65	CSEST104	Python Programming
			2018	66	PAMCT309	Constitution of India
			2018	67	MABST 401	Complex Analysis and Numerical Techniques
2018	1-1422777019	B.TECH(CSE)	2018	68	CSPCP 408	Assembly Language Programming and VHDL Laboratory

			2018	69	CSPCT 504	Embedded Systems and Internet of Things
			2018	70	CSPCP 509	Internet of Things Laboratory
			2018	71	CSPCT 603	Language Processors
			2018	72	CSPCP 609	Language Processors Laboratory
2018	1-1422777028	M.Tech(CSE)	2018	73	MAPC 01	Mathematical Foundation of Computer Science
			2018	74	AIPC 02	Artificial Intelligence
			2018	75	AIPE 11	Expert Systems
			2018	76	AIPE 12	Introduction to Intelligent Systems
			2018	77	AIPE 21	Machine Learning
			2018	78	AIPC 03	Advanced Algorithms
			2018	79	AIPC 04	Soft Computing
			2018	80	AIPE 31	Data Visualization
			2018	81	AIPE 32	Computer Vision
			2018	82	AIPE 42	Recommender System
			2018	83	AICP02	Knowledge Discovery
			2018	84	PGPA 22	Constitution of India
			2018	85	PGPA 23	Pedagogy Studies
			2018	86	PGPA 24	Stress Management by Yoga
			2018	87	AIMP 01	Personality Development through Life Enlightenment Skills
2018	1-1422777046	B.Tech (EEE)	2018	88	CEEST104	Engineering Mechanics
			2018	89	CSEST 203	Programming for Problem solving
			2018	90	EEEST204	Basic Electrical Engineering
			2018	91	ECPCP309	Analog Electronics Lab
			2018	92	PAMCT 401	Constitution of India
			2018	93	ECPCP609	Electronic Design Lab
2018	1-1422777042	B.TECH(ECE)	2018	94	HSACT310	Constitution of India
			2018	95	ECOET506	Open Elective - I
			2018	96	ECOET507	Open Elective-II (MOOCs)
			2018	97	ECPET603	Program Elective II (MOOCs / e Learning)
			2018	98	ECPXP609	Electronic Design Workshop / Mini Project
			2018	99	HSMCT704	Total Quality Management
			2018	100	ECPCI705	Summer Industry Internship / Mini Project
			2018	101	ECPXP706	Project – Phase-I
			2018	102	CSPE 11	DSP Architecture(Common to Signal Processing SPPE11)
			2018	103	CSPE 22	Voice and Data Networks (Common to Signal Processing SPPE22)

2018	1-1422777044	M.Tech (C.S)	2018	104	PGMC 01	Research Methodology and IPR
			2018	105	CSPE 32	IOT and Applications (Common to Signal Processing SPPE32)
			2018	106	CSPE 51	Remote Sensing (Common to Signal Processing SPPE51)
			2018	107	PGOE 16	Waste to Energy
			2018	108	PGPA21	Constitution of India
			2018	109	PGPA23	Stress Management by Yoga
2018	1-1520399909	M.Tech (S.P)	2018	110	CSPE 11	DSP Architecture(Common to Signal Processing SPPE11)
			2018	111	CSPE 22	Voice and Data Networks (Common to Signal Processing SPPE22)
			2018	112	PGMC 01	Research Methodology and IPR
			2018	113	CSPE 32	IOT and Applications (Common to Signal Processing SPPE32)
			2018	114	CSPE 51	Remote Sensing (Common to Signal Processing SPPE51)
			2018	115	PGOE 16	Waste to Energy
			2018	116	PGPA21	Constitution of India
			2018	117	PGPA23	Stress Management by Yoga
2018	1-1422777022	B.Tech (Mech)	2018	118	MEPCT303	Industrial safety and measures
			2018	119	MEPCT305	Manufacturing Technology
			2018	120	MEPCT406	Instrumentation and Control
			2018	121	PAMCT401	Constitution of India
			2018	122	MEPCT402	Applied Thermodynamics
			2018	123	CEPCT404	Solid Mechanics
			2018	124	CSEST203	Programs for problem solving
			2018	125	MEOET607	Open Elective-I (MOOCS)
			2018	126	MEOET608	Open Elective-II (MOOCS)
			2018	127	MEOET609	Open Elective-III (MOOCS)
			2018	128	MEOET610	Open Elective-IV (MOOCS)
2018	1-1422777030	M.Tech (I.E)	2018	129	PEPE31	Automation in anufacturing
			2018	130	PEPE 22	Design for Manufacturing
			2018	131	PGOP12	Industrial Safety
			2018	132	IECP 02	Simulation Lab - I
			2018	133	PGMC 01	Research Methodology and IPR
			2018	134	IEPE 51	Design and Analysis of Experiments
			2018	135	IEPE 52	System Dynamics
			2018	136	Audit Course	English For Research Paper Writing
			2018	137	Audit Course	Disaster Management
			2018	138	Audit Course	Sanskrit For Technical Knowledge
			2018	139	Audit Course	Value Education
			2018	140	Audit Course	Constitution Of India

2018	1-1422777032	M.Tech (P.E)	2018	141	PEPE31	Automation in anufacturing
			2018	142	PEPE 22	Design for Manufacturing
			2018	143	PGOP12	Industrial Safety
			2018	144	IECP 02	Simulation Lab - I
			2018	145	PGMC 01	Research Methodology and IPR
			2018	146	IEPE 51	Design and Analysis of Experiments
			2018	147	IEPE 52	System Dynamics
			2018	148	Audit Course	English For Research Paper Writing
			2018	149	Audit Course	Disaster Management
			2018	150	Audit Course	Sanskrit For Technical Knowledge
			2018	151	Audit Course	Value Education
			2018	152	Audit Course	Constitution Of India
1.2.1.1. Number of New Courses in all programmes year-wise during the last Five years (2019-20)						
2019	244&136	Anthropology	2019	1	ANB-408	Human Ecology
			2019	2	ANS-408	Urban Anthropology
2019	202	Botany	2019	3	BOT 404 A	Hydroponics
			2019	4	BOT 404 B	Nano Biotechnology
2019	266	Environmental Sciences	2019	5	ENV 306 B	Global Environmental Issues
			2019	6	ENV 406 B	Environmental Education
2019	267	Fishery Science & Aquaculture	2019	7	AQC 306 B	Bioinformatics in Aquaculture
2019	260	Zoology	2019	8	ZOO 305 C	Environmental Microbiology
			2019	9	ZOO 306 B	Structural Biology
			2019	10	ZOO 406 A	Genetic Engineering
			2019	11	ZOO 406 B	Environmental Impact Assessment and Green Auditing
			2019	12	ZOO 406 C	Medical Biotechnology, IPR, Bio-Safety Methods
2019	358	M.Com Regular	2019	13	M. Com (R)304 E	Service Marketing
			2019	14	M. Com (R)305 C	Soft Skills for Career Development
			2019	15	M. Com (R)404 E	International Business Environment
			2019	16	M. Com (R)405 C	Banking and Insurance Services
2019	357	M.Com Accounting & Finance	2019	17	M.Com (A&F) 304E	Services Marketing
			2019	18	M.Com (A&F) 305C	Soft Skills for Career Development
			2019	19	M.Com (A&F) 404E	Retail Marketing
			2019	20	M.Com (A&F) 405C	Banking & Insurance Services
2019	356	M.Com Financial Management	2019	21	M.Com (FM) 304E	Services Marketing
			2019	22	M.Com (FM) 305 C	Soft Skills for Career Development
			2019	23	M.Com (FM) 404E	Retail Marketing
			2019	24	M.Com (FM) 405C	Banking & Insurance Services
			2018	1	CHBST 102	Chemistry For Chemical Engineering – I
			2018	2	MEEST 105	Engineering Graphics And Design

2019	1-1422777026	B.TECH (CHEMICAL)	2018	3	CSEST 203	Programming For Problem Solving
			2018	4	CSESP 206	Programming For Problem Solving Lab
			2018	5	PAMCT401	constitution of India
2019	1-1422777052	M.Tech (CHEMICAL)	2018	6	CHPC 01	Mathematical And Statistical Methods In Chemical Engineering
			2018	7	PGMC 41	Research Methodology And Ipr
			2018	8	PGPA 11	English For Research Paper Writing
			2018	9	PGPA 12	Disaster ManagementDisaster Management
			2018	10	PGPA 23	Stress Management By Yoga
			2018	11	CHPE 55	Polymer Science and Engineering
			2018	12	PGOP 12	Industrial Safety
2019	1-1422777024	B.Tech (CIVIL)	2018	13	CSEST 203	Programming for Problem solving
			2018	14	CEPCT 304	Building Materials and Construction Technology
			2018	15	PAMCT 401	Constitution of India
			2018	16	MABST 402	Mathematics – IV
			2018	17	CEPCD 407	Computer aided Building Drawing
			2018	18	CEPCP 507	Hydraulic Engineering Lab
			2018	19	Open Elective	Open Elective - MOOCS
			2018	20	MGHST 608	Management(Organizational Behaviour)
			2018	21	CEHST 704	Professional Practice, Law & Ethics
			2018	22	CEPCI 705	Industry Internship
			2018	23	CEOET 707	Open Elective - MOOCS
			2018	24	CEPET 802	Prestressed Concrete
2019	1-1422777036	M.Tech (GEO-TECH ENGG.)	2018	25	GTPE21	FEM in Geomechanics
			2018	26	GTPE22	Environmental Geotechnology
			2018	27	GTPE23	Critical State Soil Mechanics
			2018	28	GTPE51	Stability analysis of slopes
			2018	29	GTPE52	Foundations on weak rocks
			2018	30	GTPE53	Geotechnical earthquake engineering
			2018	31	GTOE11	Business Analytics
			2018	32	GTOE12	Industrial Safety
			2018	33	GTOE13	Operations Research
			2018	34	GTOE14	Cost Management of Engineering Projects
			2018	35	GTOE15	Composite Materials
			2018	36	GTOE16	Energy Generation from Waste

			2018	37	SEPE12	Theory and Applications of Cement Composites
			2018	38	SEPE21	Analytical and Numerical Methods for Structural Engineering
			2018	39	SEPE22	Structural Health Monitoring
			2018	40	SECP01	Advanced Structural Analysis Lab
			2018	41	SECP02	Advanced Solid Mechanics Lab
			2018	42	PGPA11	English for Research Paper Writing
			2018	43	PGPA13	Sanskrit for Technical Knowledge
			2018	44	PGPA14	Value Education
			2018	45	PGPC41	Research Methodology and IPR
			2018	46	SEPE34	Design of Masonry Structures
			2018	47	SEPE41	Design of Advanced Concrete Structures
			2018	48	SEPE42	Advanced Design of Foundations
			2018	49	SECP03	Core Lab III Model Testing Lab
2019	1-1422777038	M.Tech (STRUCTURAL ENGG.)	2018	50	SECP04	Core Lab IV Numerical Analysis Lab
			2018	51	PGPA21	Constitution Of India
			2018	52	PGPA22	Pedagogy Studies
			2018	53	PGPA23	Stress Management By Yoga
			2018	54	PGPA24	Personality Development Through Life Enlightenment Skills
			2018	55	SEMP01	Mini Project
			2018	56	SEPE52	Analysis of Laminated Composite Plates
			2018	57	SEOE11	Business Analytics
			2018	58	SEOE12	Industrial Safety
			2018	59	SEOE13	Operations Research
			2018	60	SEOE14	Cost Management of Engineering Projects
			2018	61	SEOE15	Composite Materials
			2018	62	SEOE16	Energy Generation from Waste
			2018	63	SEPD01	Major project: Phase-I Dissertation
			2018	64	SEPD02	Major project: Phase-II Dissertation
			2018	65	CSEST104	Python Programming
			2018	66	PAMCT309	Constitution of India
			2018	67	MABST 401	Complex Analysis and Numerical Techniques

2019	1-1422777019	B.TECH(CSE)	2018	68	CSPCP 408	Assembly Language Programming and VHDL Laboratory
			2018	69	CSPCT 504	Embedded Systems and Internet of Things
			2018	70	CSPCP 509	Internet of Things Laboratory
			2018	71	CSPCT 603	Language Processors
			2018	72	CSPCP 609	Language Processors Laboratory
2019	1-1422777028	M.Tech(CSE)	2018	73	MAPC 01	Mathematical Foundation of Computer Science
			2018	74	AIPC 02	Artificial Intelligence
			2018	75	AIPE 11	Expert Systems
			2018	76	AIPE 12	Introduction to Intelligent Systems
			2018	77	AIPE 21	Machine Learning
			2018	78	AIPC 03	Advanced Algorithms
			2018	79	AIPC 04	Soft Computing
			2018	80	AIPE 31	Data Visualization
			2018	81	AIPE 32	Computer Vision
			2018	82	AIPE 42	Recommender System
			2018	83	AICP02	Knowledge Discovery
			2018	84	PGPA 22	Constitution of India
			2018	85	PGPA 23	Pedagogy Studies
			2018	86	PGPA 24	Stress Management by Yoga
			2018	87	AIMP 01	Personality Development through Life Enlightenment Skills
2019	1-1422777046	B.Tech (EEE)	2018	88	CEEST104	Engineering Mechanics
			2018	89	CSEST 203	Programming for Problem solving
			2018	90	EEEST204	Basic Electrical Engineering
			2018	91	ECPCP309	Analog Electronics Lab
			2018	92	PAMCT 401	Constitution of India
			2018	93	ECPCP609	Electronic Design Lab
2019	1-1422777042	B.TECH(ECE)	2018	94	HSACT310	Constitution of India
			2018	95	ECOET506	Open Elective - I
			2018	96	ECOET507	Open Elective-II (MOOCs)
			2018	97	ECPET603	Program Elective II (MOOCs / e Learning)
			2018	98	ECPXP609	Electronic Design Workshop / Mini Project
			2018	99	HSMCT704	Total Quality Management
			2018	100	ECPCI705	Summer Industry Internship / Mini Project
			2018	101	ECPXP706	Project – Phase-I
			2018	102	CSPE 11	DSP Architecture(Common to Signal Processing SPPE11)

2019	1-1422777044	M.Tech (C.S)	2018	103	CSPE 22	Voice and Data Networks (Common to Signal Processing SPPE22)
			2018	104	PGMC 01	Research Methodology and IPR
			2018	105	CSPE 32	IOT and Applications (Common to Signal Processing SPPE32)
			2018	106	CSPE 51	Remote Sensing (Common to Signal Processing SPPE51)
			2018	107	PGOE 16	Waste to Energy
			2018	108	PGPA21	Constitution of India
			2018	109	PGPA23	Stress Management by Yoga
2019	1-1520399909	M.Tech (S.P)	2018	110	CSPE 11	DSP Architecture(Common to Signal Processing SPPE11)
			2018	111	CSPE 22	Voice and Data Networks (Common to Signal Processing SPPE22)
			2018	112	PGMC 01	Research Methodology and IPR
			2018	113	CSPE 32	IOT and Applications (Common to Signal Processing SPPE32)
			2018	114	CSPE 51	Remote Sensing (Common to Signal Processing SPPE51)
			2018	115	PGOE 16	Waste to Energy
			2018	116	PGPA21	Constitution of India
			2018	117	PGPA23	Stress Management by Yoga
2019	1-1422777022	B.Tech (Mech)	2018	118	MEPCT303	Industrial safety and measures
			2018	119	MEPCT305	Manufacturing Technology
			2018	120	MEPCT406	Instrumentation and Control
			2018	121	PAMCT401	Constitution of India
			2018	122	MEPCT402	Applied Thermodynamics
			2018	123	CEPCT404	Solid Mechanics
			2018	124	CSEST203	Programs for problem solving
			2018	125	MEOET607	Open Elective-I (MOOCS)
			2018	126	MEOET608	Open Elective-II (MOOCS)
			2018	127	MEOET609	Open Elective-III (MOOCS)
			2018	128	MEOET610	Open Elective-IV (MOOCS)
2019	1-1422777030	M.Tech (I.E)	2018	129	PEPE31	Automation in anufacturing
			2018	130	PEPE 22	Design for Manufacturing
			2018	131	PGOP12	Industrial Safety
			2018	132	IECP 02	Simulation Lab - I
			2018	133	PGMC 01	Research Methodology and IPR
			2018	134	IEPE 51	Design and Analysis of Experiments
			2018	135	IEPE 52	System Dynamics
			2018	136	Audit Course	English For Research Paper Writing
			2018	137	Audit Course	Disaster Management

			2018	138	Audit Course	Sanskrit For Technical Knowledge
			2018	139	Audit Course	Value Education
			2018	140	Audit Course	Constitution Of India
2019	1-1422777032	M.Tech (P.E)	2018	141	PEPE31	Automation in anufacturing
			2018	142	PEPE 22	Design for Manufacturing
			2018	143	PGOP12	Industrial Safety
			2018	144	IECP 02	Simulation Lab - I
			2018	145	PGMC 01	Research Methodology and IPR
			2018	146	IEPE 51	Design and Analysis of Experiments
			2018	147	IEPE 52	System Dynamics
			2018	148	Audit Course	English For Research Paper Writing
			2018	149	Audit Course	Disaster Management
			2018	150	Audit Course	Sanskrit For Technical Knowledge
			2018	151	Audit Course	Value Education
			2018	152	Audit Course	Constitution Of India
1.2.1.1. Number of New Courses in all programmes year-wise during the last Five years (2020-21)						
2020	1-1422777026	B.TECH (CHEMICAL)	2020	1	EEEST 104	Basics Of Electrical And Electronics Engineering
			2020	2	MABST 201	Mathematics - II
			2020	3	CHBST 204	Chemistry For Chemical Engineering-II
			2020	4	MEEST 205	Workshop/Manufacturing Practice
2021	1-1422777052	M.Tech (CHEMICAL)	2018	5	CHPC 01	Mathematical And Statistical Methods In Chemical Engineering
			2018	6	PGMC 41	Research Methodology And Ipr
			2018	7	PGPA 11	English For Research Paper Writing
			2018	8	PGPA 12	Disaster ManagementDisaster Management
			2018	9	PGPA 23	Stress Management By Yoga
			2018	10	CHPE 55	Polymer Science and Engineering
			2018	11	PGOP 12	Industrial Safety
2021	1-1422777024	B.Tech (CIVIL)	2020	12	HS303CO	Managerial Economics and Accountancy *(Common to all branches)*
			2020	13	CE309S	Skill Development Course1
			2020	14	PA310A	Constitution of India*(Common to all branches)*
			2020	15	MC411B	NCC/NSS
			2020	16	MA401C	Probability &Statistics *(Common to all branches)*

			2020	17	CE409S	Skill Development Course 2
2017	1-1422777036	M.Tech (GEO-TECH ENGG.)	2018	18	GTPE21	FEM in Geomechanics
			2018	19	GTPE22	Environmental Geotechnology
			2018	20	GTPE23	Critical State Soil Mechanics
			2018	21	GTPE51	Stability analysis of slopes
			2018	22	GTPE52	Foundations on weak rocks
			2018	23	GTPE53	Geotechnical earthquake engineering
			2018	24	GTOE11	Business Analytics
			2018	25	GTOE12	Industrial Safety
			2018	26	GTOE13	Operations Research
			2018	27	GTOE14	Cost Management of Engineering Projects
			2018	28	GTOE15	Composite Materials
			2018	29	GTOE16	Energy Generation from Waste
2020	1-1422777038	M.Tech (STRUCTURAL ENGG.)	2018	30	SEPE12	Theory and Applications of Cement Composites
			2018	31	SEPE21	Analytical and Numerical Methods for Structural Engineering
			2018	32	SEPE22	Structural Health Monitoring
			2018	33	SECP01	Advanced Structural Analysis Lab
			2018	34	SECP02	Advanced Solid Mechanics Lab
			2018	35	PGPA11	English for Research Paper Writing
			2018	36	PGPA13	Sanskrit for Technical Knowledge
			2018	37	PGPA14	Value Education
			2018	38	PGPC41	Research Methodology and IPR
			2018	39	SEPE34	Design of Masonry Structures
			2018	40	SEPE41	Design of Advanced Concrete Structures
			2018	41	SEPE42	Advanced Design of Foundations
			2018	42	SECP03	Core Lab III Model Testing Lab
			2018	43	SECP04	Core Lab IV Numerical Analysis Lab
			2018	44	PGPA21	Constitution Of India
			2018	45	PGPA22	Pedagogy Studies
			2018	46	PGPA23	Stress Management By Yoga
			2018	47	PGPA24	Personality Development Through Life Enlightenment Skills
			2018	48	SEMP01	Mini Project
			2018	49	SEPE52	Analysis of Laminated Composite Plates
			2018	50	SEOE11	Business Analytics

			2018	51	SEOE12	Industrial Safety
			2018	52	SEOE13	Operations Research
			2018	53	SEOE14	Cost Management of Engineering Projects
			2018	54	SEOE15	Composite Materials
			2018	55	SEOE16	Energy Generation from Waste
			2018	56	SEPD01	Major project: Phase-I Dissertation
			2018	57	SEPD02	Major project: Phase-II Dissertation
2020	1-1422777019	B.TECH(CSE)	2020	58	CSHN02	Distributed Databases
			2020	59	CSHN03	Advanced Operating Systems
			2020	60	CSHN04	Multicore Computing
			2020	61	CSHN05	Natural Language Processing
			2020	62	CSHN06	Software Architecture and Design Patterns
			2020	63	CSHN07	Multi Agent Systems
			2020	64	MINOR	Deep Learning
2020	1-1422777028	M.Tech(CSE)	2018	65	MAPC 01	Mathematical Foundation of Computer Science
			2018	66	MAPC 01	Mathematical Foundation of Computer Science
			2018	67	AIPC 02	Artificial Intelligence
			2018	68	AIPE 11	Expert Systems
			2018	69	AIPE 12	Introduction to Intelligent Systems
			2018	70	AIPC 03	Advanced Algorithms
			2018	71	AIPC 04	Soft Computing
			2018	72	AIPE 31	Data Visualization
			2018	73	AIPE 32	Computer Vision
			2018	74	AIPE 42	Recommender System
			2018	75	AICP02	Knowledge Discovery
			2018	76	PGPA 22	Constitution of India
			2018	77	PGPA 23	Pedagogy Studies
			2018	78	PGPA 24	Stress Management by Yoga
			2018	79	AIMP 01	Personality Development through Life Enlightenment Skills
2020	1-1422777046	B.Tech (EEE)	2020	80	CEEST104	Engineering Mechanics
			2020	81	CSEST 203	Programming for Problem solving
			2020	82	EEEST204	Basic Electrical Engineering
			2020	83	ECPCP309	Analog Electronics Lab
			2020	84	PAMCT 401	Constitution of India
			2020	85	ECPCP609	Electronic Design Lab
			2020	86	EC309S	Entrepreneurship and Design Thinking

2020	1-1422777042	B.TECH(ECE)	2020	87	EC311L	Simulation Lab
			2020	88	EC405C	Analog Communications
			2020	89	EC409S	Python Programming Skill Oriented Course
			2020	90	MC	NSS/ NCC/ NSO Activities
			2020	91	EC505C	Digital Communications
			2020	92	EC506L	Analog and Digital Communication Lab
			2020	93	EC509S	Web programming Skill Oriented Course
			2020	94	EC609S	Internet of Things Skill Oriented Course
			2020	95	EC707S	Data Based Management Systems
2020	1-1422777044	M.Tech (C.S)	2018	96	CSPE 11	DSP Architecture(Common to Signal Processing SPPE11)
			2018	97	CSPE 22	Voice and Data Networks (Common to Signal Processing SPPE22)
			2018	98	PGMC 01	Research Methodology and IPR
			2018	99	CSPE 32	IOT and Applications (Common to Signal Processing SPPE32)
			2018	100	CSPE 51	Remote Sensing (Common to Signal Processing SPPE51)
				101	PGOE 16	Waste to Energy
				102	PGPA21	Constitution of India
			2018	103	PGPA23	Stress Management by Yoga
2020	1-1520399909	M.Tech (S.P)	2018	104	CSPE 11	DSP Architecture(Common to Signal Processing SPPE11)
			2018	105	CSPE 22	Voice and Data Networks (Common to Signal Processing SPPE22)
			2018	106	PGMC 01	Research Methodology and IPR
			2018	107	CSPE 32	IOT and Applications (Common to Signal Processing SPPE32)
			2018	108	CSPE 51	Remote Sensing (Common to Signal Processing SPPE51)
			2018	109	PGOE 16	Waste to Energy
			2018	110	PGPA21	Constitution of India
			2018	111	PGPA23	Stress Management by Yoga
2020	1-1422777022	B.Tech (Mech)	2020	112	MEOET05	Engineering System Analysis and Design
			2020	113	MEOET07	Green Energy Systems
			2020	114	MEPET03	Mechatronic Systems
			2020	115	MEPET01	Advanced Manufacturing Processes
			2018	116	PEPE31	Automation in anufacturing

2020	1-1422777030	M.Tech (I.E)	2018	117	PEPE 22	Design for Manufacturing
			2018	118	PGOP12	Industrial Safety
			2018	119	IECP 02	Simulation Lab - I
			2018	120	PGMC 01	Research Methodology and IPR
			2018	121	IEPE 51	Design and Analysis of Experiments
			2018	122	IEPE 52	System Dynamics
			2018	123	Audit Course	English For Research Paper Writing
			2018	124	Audit Course	Disaster Management
			2018	125	Audit Course	Sanskrit For Technical Knowledge
			2018	126	Audit Course	Value Education
			2018	127	Audit Course	Constitution Of India
2020	1-1422777032	M.Tech (P.E)	2018	128	PEPE31	Automation in anufacturing
			2018	129	PEPE 22	Design for Manufacturing
			2018	130	PGOP12	Industrial Safety
			2018	131	IECP 02	Simulation Lab - I
			2018	132	PGMC 01	Research Methodology and IPR
			2018	133	IEPE 51	Design and Analysis of Experiments
			2018	134	IEPE 52	System Dynamics
			2018	135	Audit Course	English For Research Paper Writing
			2018	136	Audit Course	Disaster Management
			2018	137	Audit Course	Sanskrit For Technical Knowledge
			2018	138	Audit Course	Value Education
			2018	139	Audit Course	Constitution Of India

1.2.1.1. Number of New Courses in all programmes year-wise during the last Five years (2021-22)

Year	Programme Code	Name of the Programme	Year of offering the Course	Number of Courses	Course Code	Name of the Course
			2021	1	MAAE 1.2	ADULT AND CONTINUING EDUCATION: INDIA AND GLOBAL CONTEXTS
			2021	2	MAAE1.4	PHILOSOPHICAL AND SOCIOLOGICAL FOUNDATIONS
			2021	3	MAAE1.5b	ENTREPRENEURSHIP DEVELOPMENT
			2021	4	MAAE1.5c	TRENDS IN LIFELONG LEARNING
			2021	5	MAAE1.6a	WOMEN EDUCATION AND DEVELOPMENT

2021	102	Adult & Continuing Education	2021	6	MAAE1.6b	SUSTAINABLE DEVELOPMENTAND LIFE LONG LEARNING
			2021	7	MAAE 2.1	SCHEMES IN ADULT AND CONTINUING EDUCATION
			2021	8	MAAE 2.2	CURRICULUM PLANNING AND TEACHING LEARNING METHODS
			2021	9	MAAE2.3	RESEARCH METHODS AND METHODOLOGY IN ADULT EDUCATION
			2021	10	MAAE2.5b	CAPACITY BUILDING - INITIATIVES OF HIGHER EDUCATION INSTITUTIONS
			2021	11	MAAE2.5c	LIFELONG LEARNING FOR PROFESSIONAL DEVELOPMENT
			2021	12	MAAE2.6a	ADULT EDUCATION AND EXTENSION
			2021	13	MAAE2.6b	HUMAN RIGHTS AND COMMUNITY DEVELOPMENT
			2021	14	MAAE3.4	SOFT SKILL DEVELOPMENT
			2021	15	MAAE3.5a	CAREER GUIDANCE AND COUNSELLING
			2021	16	MAAE4.3a	ENVIRONMENT AND EDUCATION
			2021	17	MAAE4.3b	STATISTICAL METHODS FOR SOCIAL RESEARCH
			2021	18	MAAE4.3c	DEVELOPMENT STRATEGIES AND VOLUNTARISM
			2021	19	MAAE4.3d	POPULATION EDUCATION
			2021	20	MAAE4.5b	INCLUSIVE EDUCATION
			2021	21	SE 101	Early Cultural History of Southeast Asia
			2021	22	SE 102	Regional Geography of Southeast Asia
			2021	23	SE 103	Colonization of Southeast Asia
			2021	24	SE 105 a	Modern European History, 1870-1991
			2021	25	SE 105 b	History of Indian Constitution, 1773-1947
			2021	26	SE 105 c	Indian National Movements
			2021	27	SE 106 a	Medieval Indian History 1206 A.D.–1707 A.D

2021	116	Southeast Asian and Pacific Studies	2021	28	SE 106 b	History of Asian and African Nationalism
			2021	29	SE 201	Contemporary Cultural History of Southeast Asia
			2021	30	SE 202	Modern History of China, 1839-1976
			2021	31	SE 204	Nationalism in Southeast Asia
			2021	32	SE 205 a	Modern Indian History 1757-1965
			2021	33	SE 205 b	Indian Foreign Policy
			2021	34	SE 205 c	International Organisations
			2021	35	SE 206 a	History of the USA from 1789 to 1990
			2021	36	SE 206 b	International Relations (From Sem. III)
			2021	37	SE 301	Southeast Asia and World Politics
			2021	38	SE 302	Indochina (Cambodia, Laos & Vietnam) 1802-2000
			2021	39	SE 303a	Modern History of Japan 1854-1975
			2021	40	SE 303b	East Asian Developments – Post Cold War
			2021	41	SE 303 c	Indian Diaspora
			2021	42	SE 303 d	Research Methodology
			2021	43	SE 304	Skills and Approaches in Understanding Area Studies
			2021	44	SE 305 a	India and the World
			2021	45	SE 305 b	Emerging Asia and the World
			2021	46	SE 401	Regional Cooperation in Southeast Asia
			2021	47	SE 402	Economic Landscape of Asia-Pacific
			2021	48	SE 403a	Post-Cold War World order
			2021	49	SE 403b	Ethnicity and Social Transformation in Contemporary Southeast Asia and Australia
			2021	50	SE 403c	Developing Blue Economy
			2021	51	SE 403 d	Energy, Environment and Sustainable Development
			2021	52	SE 404	Viva + Dissertation
			2021	53	SE 405 a	India-Australia Relations
			2021	54	SE 405 b	India and Asia-Pacific
			2021	55	T- 101	Theoretical Concepts of Tourism
			2021	56	T- 102	Tourism Principles and Practices
			2021	57	T- 103	Travel and Tourism
			2021	58	T- 104	Art, Architecture and Tourism

2021	123	Tourism	2021	59	T- 105 (a)	Historical Perspectives of Tourism
			2021	60	T- 105 (b)	Socio-Economic Dimensions of Tourism
			2021	61	T-105 (c)	International Tourism and UNESCO Sites in India
			2021	62	T- 106 (a)	Tourism Products in India (MP)
			2021	63	T- 106 (b)	Transport Management
			2021	64	T-201	Tourism and Geography
			2021	65	T-202	Indian Cultural and Heritage Tourism
			2021	66	T-203	Rural and Urban Tourism
			2021	67	T-204	Ecotourism
			2021	68	T-205 a	Health and Medical Tourism
			2021	69	T-205 b	Virtual and E-tourism
			2021	70	T-205 c	Airline ticketing and Information management
			2021	71	T-206 a	Travel Agency and Tour Operations Management
			2021	72	T-206 b	Tour Packages and Itinerary planning
			2021	73	T-301	Tourism Management
			2021	74	T-302	Emerging Trends in Tourism
			2021	75	T-303a	Environment, Sustainable Development and Tourism
			2021	76	T-303b	Tourism Research Methods
			2021	77	T-303c	Tourism and Human Resource Management
			2021	78	T-303d	Conservation and Management in Tourism
			2021	79	T-304	Tourism Skills and Opportunities
			2021	80	T-305a	Tourism Industry in India
			2021	81	T-305b	Adventure Tourism
			2021	82	T-401	Tourism Marketing
			2021	83	T-402	Planning and Development of Tourism
			2021	84	T-403a	Tourism Entrepreneurship
			2021	85	T-403b	Tourism and Hospitality Management
			2021	86	T- 403c	Understanding and Event Management
			2021	87	T-403d	Destination Planning and Marketing
			2021	88	T-404	Viva + Dissertation #
			2021	89	T-405 a	Globalization and Tourism
			2021	90	T-405 b	Tourism Economics

			2021	91	101	Introduction to Gender and Women's Studies
			2021	92	102	Principles of Management with Gender Lens
			2021	93	103	Gender, Patriarchy and Society
			2021	94	104	Women's Movements: National and International Perspectives
			2021	95	105(a)	Environment: Gender and Livelihood Challenges
			2021	96	105(b)	Social Process and Behavioral Issues: Gender Questions
			2021	97	105(c)	Education: Gender Achievements and Gaps
			2021	98	106(a)	Gender Sensitization and Training: Needs and Strategies
			2021	99	106(b)	Communication, Soft Skills and Etiquette
			2021	100	201	Development – Gender Perspectives
			2021	101	202	Health and Nutrition: Gender Analysis
			2021	102	203	NGO Management and Social Development
			2021	103	204	Policies and Programmes for Women's Development
			2021	104	205(a)	Media and Governance: Gender Concerns
			2021	105	205(b)	Gender Identity and Leadership: Needs and Strategies
			2021	106	205(c)	Gender Based Violence: Issues and Concerns
			2021	107	206 (a)	Human Rights with Gender Lens
			2021	108	206(b)	Financial Literacy and Management
2021	339	Centre for Womens Studies	2021	109	301	Feminist Theories
			2021	110	302	Research Methods and Statistics: Feminist Concerns
			2021	111	303(a)	Capacity Building and Leadership: Gender Questions
			2021	112	303(b)	Guidance and Counseling with Gender Perspectives
			2021	113	303(c)	Human Resource Management : Gender Analysis
			2021	114	303(d)	Women, Science and Technology: Gender Biases and Strategies

			2021	115	304	Computer Applications and Software Packages for Data Analysis
			2021	116	305(a)	Social Values and Ethics : Gender Concerns
			2021	117	305(b)	Governance: Gender Issues and Challenges.
			2021	118	401	Entrepreneurship Development: Gender Analysis
			2021	119	402	Women's Legislations – Gender Concerns
			2021	120	403(a)	Participatory Learning, Methods and Extension Education
			2021	121	403(b)	Social Structure: Gender Biases and Questions
			2021	122	403(c)	Women's Health: A Life Cycle Approach
			2021	123	403(d)	Globalization: Gender Implications
			2021	124	404	Project Work
			2021	125	405(a)	Media and Communication: Gender Concerns
			2021	126	405(b)	Women and Work: Gender Questions
2021	108	Econometrics	2021	127	EMT 105(b)	Introduction to Econometrics
			2021	128	EMT 105 (c)	Agricultural Economics
			2021	129	EMT 106 (a)	Entrepreneurship and Skill Development
			2021	130	EMT 106 (b)	Environmental Economics
			2021	131	EMT205 (b)	Actuarial Statistics
			2021	132	EMT205 (c)	Women and Economic Development
			2021	133	EMT206 (a)	Public Finance
			2021	134	EMT206(b)	Industrial Economics
			2021	135	EMT 303(b)	Applied econometrics
			2021	136	EMT 303(c)	Economic so fDevelopment and Planning
			2021	137	EMT 303(d)	FinancialInstitutionsandMarkets
			2021	138	EMT304	Personality development
			2021	139	EMT403(c)	IndianEconomy
			2021	140	EMT 404	Freedom Movement In India, 1857 - 1947
			2021	141	EMT 405(a)	OptimizationTechniquesin Economics
			2021	142	EMT 405(b	Data Base for the Indian Economy
			2021	143	ECO105(b)	Urban Economics

2021	104	Economics	2021	144	ECO105(c)	Welfare Economics
			2021	145	ECO106(a)	Economics of Environment
			2021	146	ECO106(b)	Demography
			2021	147	ECO205(b)	Economics of Infrastructure
			2021	148	ECO205(c)	Introduction to Information Technology
			2021	149	ECO206(a)	Basic Econometrics
			2021	150	ECO206(b)	Economics of Tourism
			2021	151	ECO303 (b)	Production Economics and Farm Management
			2021	152	ECO303 (c)	Industrial Economics
			2021	153	ECO303 (d)	Women and Economic Development
			2021	154	ECO304	Communication and Soft Skills
			2021	155	ECO305 (a)	Andhra Pradesh Economy
			2021	156	ECO305 (b)	Agricultural Economics
			2021	157	ECO403 (d)	Economics of Insurance
			2021	158	ECO404	Human Resource and Sustainable Development
			2021	159	ECO405 (a)	Human Resource Development
			2021	160	ECO405 (b)	Planning in India and Indian Economy
2021		Education (M.Ed)				
			2021	161	ENG 101	Poetry-I (From Chaucer to Browning)
			2021	162	ENG 102	Drama (From Marlowe to Beckett)
			2021	163	ENG 103	Fiction-I (From Fielding to Dickens)
			2021	164	ENG 104	Prose- (From Bacon to Woolf)
			2021	165	ENG 105A	English Language and Linguistics
			2021	166	ENG 105B	Rhetoric, Discourse and Writing
			2021	167	ENG 105C	Classical Criticism
			2021	168	ENG 106A	American Literature
			2021	169	ENG 106B	Technical Communication
			2021	170	ENG 107	Human Values and Professional Ethics
			2021	171	ENG 201	Poetry- (Classical and Twentieth Century)
			2021	172	ENG 202	Shakespearean Studies
			2021	173	ENG 203	Fiction II (Twentieth Century)
			2021	174	ENG 204	Literary Masterpieces
			2021	175	ENG 205A	English Language Teaching
			2021	176	ENG 205B	New Literatures in English (excluding Indian Literature in English)
			2021	177	ENG 205C	Black Literatures

2021	110	English	2021	178	ENG 206A	Post Colonial Studies
			2021	179	ENG 206B	Landmarks in World Drama (Excluding Britain)
			2021	180	ENG 207	Human Values and Professional Ethics
			2021	181	ENG 301	Indian Writings in English -I
			2021	182	ENG 302	Literary Criticism
			2021	183	ENG 303A	World Classics in English Translation
			2021	184	ENG 303B	Short Story
			2021	185	ENG 303C	Women's Writings
			2021	186	ENG 303D	Comparative Literature
			2021	187	ENG 304	Communication, Soft Skills & Etiquette
			2021	188	ENG 305A	Communicative English
			2021	189	ENG 305B	English for Media
			2021	190	ENG 401	Indian Writing in English -II
			2021	191	ENG 402	Literary Criticism and Theory
			2021	192	ENG 403A	Green Cultural Studies
			2021	193	ENG 403B	Award Winning Works and Writers
			2021	194	ENG 403C	Subaltern Studies
			2021	195	ENG 403D	Cultural Studies
			2021	196	ENG 404	India & Literary Creativity
			2021	197	ENG 405A	Soft Skills
			2021	198	ENG 405B	Indian Literature in English Translation
2021	139	Foreign Languages and Linguistics	2021	199	LING:105A	Language and Linguistics
			2021	200	LING:105B	Semantics
			2021	201	LING:105C	Structure of Language(Telugu/English)
			2021	202	LING:106A	Human Relations
			2021	203	LING:106B	Instructional Technology
			2021	204	LING:205A	Language Contact
			2021	205	LING:205B	Natural Language Processing
			2021	206	LING:205C	Endangered Languages
			2021	207	LING:206A	Literacy, Language Curriculum and Testing
			2021	208	LING:206B	Communication Technology
			2021	209	LING:303A	Socio-linguistics
			2021	210	LING:303C	Neuro-linguistics
			2021	211	LING:303D	Computational Linguistics
			2021	212	LING:304	ICT for Enriching Teaching and Learning Skills
			2021	213	LING:305B	Mass Media Communication
			2021	214	LING:402	Research Methodology

			2021	215	LING:403C	Language Planning
			2021	216	LING:403D	Translation
			2021	217	LING:404	Multidisciplinary Capacity Building
			2021	218	LING:405B	Dictionary Making
2021	112	Hindi	2021	219	101	Sahitya ka Itihas
			2021	220	102	Pracheen evam Madhaykaleen Kavya
			2021	221	103	Aadhunik Kavita
			2021	222	104	Samkaleen Kavita
			2021	223	105A	Samsamyik Kavita
			2021	224	105B	Sahityandolan
			2021	225	105C	Sahitya ki Vaichariki
			2021	226	106A	Bhasha Vignan aur Hindi Bhasha
			2021	227	106B	Patrakarita aur Jansanchar madhayam
			2021	228	107	Human Values & Professional Ethics-I
			2021	229	201	Aadhunik Sahitya ka Itihas
			2021	230	202	Katha Sahitya
			2021	231	203	Nataya Sahitya
			2021	232	204	Aalochana Sahitya
			2021	233	205A	Gadhya Sahitya
			2021	234	205B	Anya Gadhya Sahitya
			2021	235	205C	Andhra ka Hindi Sahitya
			2021	236	206A	Prayojanmulak Hindi aur Rajbhasha
			2021	237	206B	Anuvad ke Sidhanta aur Prayog
			2021	238	207	Human Values & Professional Ethics-II
			2021	239	301	Bhartiya Kavya Shastra ki Parampara
			2021	240	302	Hindi Kavya Shastra ka Vikas
			2021	241	303A	Dalit Sahitya
			2021	242	303B	Aadivasi Sahitya
			2021	243	303C	Narivadi Sahitya
			2021	244	303D	Pravasi Sahitya
			2021	245	304	Bhasha Shikshan ke Sidhanta aur Prayog
			2021	246	305A	Vyavharik Hindi Vyakaran
			2021	247	305B	Hindi Sahitya ke Nirmata
			2021	248	401	Bhartiya Tulnatmak Sahitya
			2021	249	402	Paschatya Samiksha Shastra
			2021	250	403A	Anudit Bhartiya Sahitya
			2021	251	403B	Asmitamulak Sahitya Vimarsha
			2021	252	403C	Sahitya ka Tulnatmak Adhayayan

			2021	253	403D	Anusandhan ke Sidhanta aur Dristiya
			2021	254	404	Antar Jananushasnatmak Dristiya aur Pravidhiya
			2021	255	405A	Manak Hindi aur Nagrilipi
			2021	256	405B	Aadhunik Hindi Sahitya ke Nirmata
2021	118	History	2021	257	HST 101	History of India Up to 650 A D
			2021	258	HST 102	History of Indian Polity and Economy, 1206-1757
			2021	259	HST 103	History of Modern India, 1757 – 1947
			2021	260	HST 104	History of Modern World, 1900-1945
			2021	261	HST 105 (A)	History of Andhras upto 1336 A D
			2021	262	HST 105 (B)	History of World Civilizations
			2021	263	HST 106 (A)	Theoretical Concepts of Tourism
			2021	264	HST 106 (B)	History of Medieval World
			2021	265	HST 107	Human Values and Professional Ethics-I.
			2021	266	HST 201	History of India 650-1206 A D
			2021	267	HST 202	Social and Cultural History of India, 1206-1757
			2021	268	HST 203	Freedom Movement in India, 1857 –1947
			2021	269	HST 204	History of Contemporary World, 1945-2000
			2021	270	HST 205A	History of Vijayanagara Empire
			2021	271	HST 205B	History of Modern Africa
			2021	272	HST 206A	Historical Application of Tourism in India
			2021	273	HST 206B	Women Studies in Modern India
			2021	274	HST 207	Human Values and Professional Ethics-II
			2021	275	HST 301	Historical Method and Concepts
			2021	276	HST 302	Contemporary History of India-I
			2021	277	HST 303 (A)	History of USA, 1776- 1963
			2021	278	HST 303(B)	History of Modern Andhra, 1766 –1972
			2021	279	HST 303 (C)	Indian Foreign Policy: An Introduction
			2021	280	HST 303 (D)	Environmental History of Modern India
			2021	281	HST 304	Communication and Soft Skills
			2021	282	HST 305 (A)	Economic and Cultural History of India, 1757-1857

			2021	283	HST 305(B)	Intellectual History of 19th Century India
			2021	284	HST 401	Historiography
			2021	285	HST 402	Contemporary History of India-II
			2021	286	HST 403(A)	International Relations and Organizations
			2021	287	HST 403(B)	Constitutional History of India, 1773-1950
			2021	288	HST 403(C)	History of Modern Asia 1868-1960
			2021	289	HST 403 (D)	History of Modern Latin America
			2021	290	HST 404	History of Science and Technology in India 1858-1947
			2021	291	HST 405 (A)	Outlines of Andhra History and Culture
2021	161	Human Rights and Duties	2021	292	HR 105B	Human Rights Education, Teaching and Training
			2021	293	HR 106A	Human Rights Activism and Role of NGOs
			2021	294	HR 106B	Social Movements and Human Rights in India
			2021	295	HR 205B	Societal Problems of Human Rights in India
			2021	296	HR 206A	Human Rights and Criminal Justice System
			2021	297	HR 206B	Media and Human Rights
			2021	298	HR 304	Soft Skills
2021	168	M.L.I.Sc	2021	299	LIS106(A)	Information and Communication
			2021	300	LIS205(A)	Library Management
			2021	301	LIS206(A)	Scholarly Communication
			2021	302	LIS303(A)	Internship
			2021	303	LIS303(B)	Academic Library System
			2021	304	LIS304	Communication, Soft skills and Etiquette
			2021	305	LIS305(A)	Information Literacy
			2021	306	PA-M 105 a	Abhyasa Gana-1 (P)
			2021	307	PA-M 105(b)	Abhyasa Gana-2
			2021	308	PA-M 105(c)	Abhyasa Ghana-3
			2021	309	PA-M 106 (a)	Bhajans (P)
			2021	310	PA-M 106 (b)	Applied Theory (T)
			2021	311	PA-M 204	Compositions in Rare Raga-s (P)
			2021	312	PA-M 205a	Abhyasagana -4
			2021	313	PA-M 205 (b)	Abhyasagana-5
			2021	314	PA-M 205 c	Abhyasagana-6
			2021	315	PA-M 206(a)	COMPOSITIONS OF GEYANATAKA
			2021	316	PA-M 206.(b)	Svarajati-s of SyamaSastri

2021	162	Performing Arts (Music)	2021	317	PA-M-301	VilambakalaKrti-s (P)
			2021	318	PA-M 303(a)	Vakra raga-s (P)
			2021	319	PA-M 303 (b)	MANODHARMA SANGEETHAM (p)
			2021	320	PA-M 303.(C)	STUDY OF LAKSHANA GRANDHAS
			2021	321	PA-M 303 (d)	POST TRINITY COMPOSITIONS (P)
			2021	322	PA-M 304	COMMUNICATION & SOFT SKILLS
			2021	323	PA-M -402	Concert (P)
			2021	324	PA- M -403C	Post trinity composers- 20th century and beyond (P) (P)
			2021	325	PA- M -403D	Ragamalika
			2021	326	PA- M -404	Project Work (T)
			2021	327	PA- M -405B	Annamayya Songs
2021	122	Philosophy	2021	328	105-B	Epistemology Western
			2021	329	105-C	Philosophy of Human Rights
			2021	330	106-A	Introduction to Philosophy
			2021	331	106-B	Introduction to Philosophy
			2021	332	205-B	Philosophy of Kant
			2021	333	205-C	Nyaya Sutras
			2021	334	206-A	Indian Axiology
			2021	335	206-B	Eco-Philosophy
			2021	336	303-D	Samkhya-Yoga
			2021	337	304	Skills Development of Yoga and Tantra
			2021	338	305-A	Philosophy of Value Education
			2021	339	305-B	Sri Venkateswara Studies
			2021	340	403-A	Philosophy of Jiddu Krishnamurti
			2021	341	403-B	Analytical Philosophy
			2021	342	405-A	Philosophy of Yoga
			2021	343	405-B	Japanese Philosophy
			2021	344	PSC 101	Population Characteristics and Theories
			2021	345	PSC 102	Fertility
			2021	346	PSC 103	Mortality
			2021	347	PSC 104	Sources, Evaluation and Adjustment of Data
			2021	348	PSC 105A	Population Education and Extension
			2021	349	PSC 105B	Public Health, Nutrition and Health Education
			2021	350	PSC 105C	Health Planning and Policy
			2021	351	PSC 106A	Population and Development Planning
			2021	352	PSC 106B	Population and Environment

2021	126	M.A population studies	2021	353	PSC 107	Human Values and Professional Ethics - 1
			2021	354	PSC 201	Migration and Multi Regional Demography
			2021	355	PSC 202	N.G.O Management
			2021	356	PSC 203	Statistical Methods
			2021	357	PSC 204	Population Sociology
			2021	358	PSC 205A	Population and Sustainable Development
			2021	359	PSC 205B	Population Economics
			2021	360	PSC 205C	Disaster Management
			2021	361	PSC 206A	Community Health
			2021	362	PSC 206B	Demographic Data Management
			2021	363	PSC 207	Human Values and Professional Ethics – II
			2021	364	PSC 301	Population Geography
			2021	365	PSC 302	Research Methodology
			2021	366	PSC 303A	Population Psychology
			2021	367	PSC 303B	Population Policies and Programmes
			2021	368	PSC 303C	Gerontology
			2021	369	PSC 303D	Population Ecology, Urbanization and Migration
			2021	370	PSC 304	Soft and Employability Skills
			2021	371	PSC 305A	Principles of Population Studies
			2021	372	PSC 305B	Population, Society and Environment
			2021	373	PSC 401	Communication for Family Welfare Programmes
			2021	374	PSC 402	Reproductive Health and Adolescent Issues
			2021	375	PSC 403A	Population Growth and Development
			2021	376	PSC 403B	Health Economics
			2021	377	PSC 403C	Demography of Andhra Pradesh
			2021	378	PSC 403D	Demographic Techniques
			2021	379	PSC 404	Dissertation/ Project Work
			2021	380	PSC 405A	Rural, Urban, Tribal Development
			2021	381	PSC 405B	Social policies and planning
			2021	382	MSW 105B	Issues and Concerns in Occupational Social Work
			2021	383	MSW 105C	Social Work Practice and Information Communication and Technology

2021	127	Masters in Social Work (M.S.W)	2021	384	MSW 106A	Social Work in Industry and Human Resource Management
			2021	385	MSW 106B	Corporate Social Responsibility and Social Entrepreneurship and Social Work
			2021	386	MSW 204	Social work Research
			2021	387	MSW 205B	Social Work Practice with Differently Abled
			2021	388	MSW 205C	Social Work and Disaster Management
			2021	389	MSW 206A	Counseling in Social Work Practice
			2021	390	MSW 206B	Social Welfare Project Formulation and Management
			2021	391	MSW 303A	Criminal Justice and Social Work Practice
			2021	392	MSW 303C	Social Policy and Planning
			2021	393	MSW 304	Soft and Employability Skills
			2021	394	MSW 403C	Environment and Social Work
			2021	395	MSW 403D	Diversity and Inclusiveness
			2021	396	MSW 404	Social Work Project
			2021	397	MSW 405A	NGO Management
			2021	398	MSW 405B	Health Education
			2021	399	TML 101	Modern Literature – I
			2021	400	TML 102	Medieval Literature- I
			2021	401	TML 103	Grammar - I
			2021	402	TML 104	Principle of Literary Criticism -I
			2021	403	TML 105A	History of Tamil Literature - I
			2021	404	TML 105B	Tholliyal
			2021	405	TML 105C	Puthukkavithai Kattamaippu
			2021	406	TML 106A	General Linguistics
			2021	407	TML 106B	Journalism
			2021	408	TML 107	Human Values and Professional Ethics - I
			2021	409	TML 201	Modern Literature - II
			2021	410	TML 202	Medieval Literature - II
			2021	411	TML 203	Grammar – II (Tholkappiam – Elutthathikaram)
			2021	412	TML 204	Principle of Literary Criticism -II
			2021	413	TML 205A	History of Tamil Literature - II
			2021	414	TML 205B	Feminism
			2021	415	TML 205C	Environment in Tamil Literature
			2021	416	TML 206A	Comparative Grammar of Dravidian Languages and History of Tamil Languages
			2021	417	TML 206B	Bakthi Ilakkiyam

2021	138	Tamil	2021	418	TML 207	Human Values and Professional Ethics - II
			2021	419	TML 301	Ancient Literature - I
			2021	420	TML 302	Grammar – III (Tholkappiam – Collathikaram)
			2021	421	TML 303A	Comparative study of South Indian Literature - I
			2021	422	TML 303B	Dravidian Movement in Tamil Literature
			2021	423	TML 303C	Telugu Literature & Literary Movements
			2021	424	TML 303D	Folk Arts in Tamil
			2021	425	TML 304	Principles and Theories of Translation
			2021	426	TML 305A	Temples of Tamil Nadu
			2021	427	TML 305B	Tamil Culture
			2021	428	TML 401	Ancient Literature - II
			2021	429	TML 402	Grammar – IV (Tolkāppiyam – Poruḷatikāram)
			2021	430	TML 403A	Comparative study of South Indian Literature - II
			2021	431	TML 403B	Research Methodology
			2021	432	TML 403C	Tirukkural (Porutpal)
			2021	433	TML 403D	Folk Festivals
			2021	434	TML 404	Culture and Civilization of the Tamils
			2021	435	TML 405A	Cilappathikaram (Madhurai kandam)
			2021	436	TML 405B	Panneru (12) Alvargal
			2021	437	TEL 101	Prescribed Texts Classical Poetry & Drama
			2021	438	TEL 102	GENERAL LINGUISTICS
			2021	439	TEL 103	History of Telugu Literature-I (Pre Nannaya to Srinadha period)
			2021	440	TEL 104	Telugu Grammar and Prosody
			2021	441	TEL 105A	Folk LORE
			2021	442	TEL 105B	Sataka Sahityam
			2021	443	TEL 105C	Special Study : Potana
			2021	444	TEL 106A	Classical Telugu Genres
			2021	445	TEL 106B	Pada Sahityam
			2021	446	TEL 107	Human Values and Profetional Ethics – 1
			2021	447	TEL 201	Prescribed Texts: Modern Poetry
			2021	448	TEL 202	Evolution of Telugu Language

2021	140	Telugu Studies	2021	449	TEL 203	History of Telugu Literature-2 (Prabandha period to Modern Period)
			2021	450	TEL 204	Telugu Grammar and Poetics
			2021	451	TEL 205A	Rayalaseema Sahityam
			2021	452	TEL 205B	Comparitive Literature s
			2021	453	TEL 205C	Special Author : Potuluri Veerabrahmam
			2021	454	TEL 206A	Modern Telugu Genres
			2021	455	TEL 206B	Samsthana Sahityam
			2021	456	TEL 207	Human Values Professional Ethics-II
			2021	457	TEL 301	Classical Literary Criticism
			2021	458	TEL 302	Telugu Culture
			2021	459	TEL 303A	Telugu Journalism
			2021	460	TEL 303B	Modern Telugu Literature
			2021	461	TEL 303C	Telugu Feministic Literature
			2021	462	TEL 303D	Special Author : Gurajada
			2021	463	TEL 304	Personolity Developmet & Language Skills
			2021	464	TEL 305A	Introduction of Telugu Literature
			2021	465	TEL 305B	Fundamentals of Modern Telugu Language
			2021	466	TEL 401	Modern Telugu Literary Criticism
			2021	467	TEL 402	Sanskrit Literature and Grammar
			2021	468	TEL 403A	Methods of Translation
			2021	469	TEL 403B	Research Methodology
			2021	470	TEL 403C	Telugu Dalith Literature
			2021	471	TEL 403D	Indian Literature
			2021	472	TEL 404	India : A Phylosophical, Sociological & Historical Study

			2021	473	TEL 405A	Fundamentals of Folk Lore
			2021	474	TEL 405B	Telugu Nataka Sahityam
2021	142	Urdu	2021	475	URD 101	Urdu Zaban Ki Ibtedai Tareekh
			2021	476	URD 102	Dakan Mein Urdu Zaban O Adab
			2021	477	URD 103	Shumali Hind Mein Urdu Shayeri Ka Aghaz
			2021	478	URD 104	Urdu Adab Mein Tanz O Mizah
			2021	479	URD 105(A)	Arabi Zaban O Adab
			2021	480	URD 105(B)	Urdu Qaseeda
			2021	481	URD 105(C)	Urdu Marsiya
			2021	482	URD106(A)	Urdu Drama
			2021	483	URD106(B)	Junoob E Bayeed Ke Muntakhab Dakani Shura
			2021	484	URD 107	Insani Aqdaar Aur Mansabi Akhlaqiyath (HVPE-I)
			2021	485	URD 201	Tareekh E Adab E Urdu-Shayeri
			2021	486	URD 202	Asnaf E Sukhan
			2021	487	URD 203	Tareekh E Adab Urdu-Nasr
			2021	488	URD 204	Urdu Dastan
			2021	489	URD 205(A)	Farsi Zaban O Adab
			2021	490	URD 205(B):	Faiz Ahmed Faiz : Khusoosi Mutaliya
			2021	491	URD 205(C):	Sulaiman Ather Jaweed : Khusoosi Mutaliya
			2021	492	URD 206(A):	Rayalseema Mein Urdu Sher O Adab
			2021	493	URD 206(B)	Arooz Aur Balaghath
			2021	494	URD 207	Insani Aqdaar Aur Mansabi Akhlaqiyath (HVPE-II)
			2021	495	URD 301	Urdu Ghazal
			2021	496	URD 302	Urdu Nazm
			2021	497	URD 303(A)	Urdu Novel
			2021	498	URD 303(B)	Urdu Afsana
			2021	499	URD 303(C)	Bunyadi Computer Course : URDU DTP
			2021	500	URD 303(D)	Urdu Khud Navishth
			2021	501	URD 304	Sahafath Aur Zara E Iblagh
			2021	502	URD 305(A)	Jadeed Dakani Shayeri
			2021	503	URD 305(B)	Urdu Tarjuma Nigari
			2021	504	URD 401	Urdu Lisaniyath
			2021	505	URD 402	Urdu Tahqeeq
			2021	506	URD 403(A)	Urdu Tanqeed
			2021	507	URD 403(B)	Ghair Afsanavi Adab
			2021	508	URD 403(C)	Hali: : Khusoosi Mutaliya
			2021	509	URD 403(D)	Klaseeki Urdu Ghazal

			2021	510	URD 404:	Telugu, Hindi Aur Angrezi Zaban O Adab Ka Taaruf
			2021	511	URD 405(A):	Sir Syed Ahmed Khan : Khusoosi Muthaliya
			2021	512	URD 405(B)	Allama Iqbal : Khusoosi Muthaliya
2021	244&136	Anthropology	2021	513	ANO-103 B	Indian Anthropology
			2021	514	ANO-103 C	Social Problems and Anthropology
			2021	515	ANO-104 A	Economic and Political Anthropology
			2021	516	ANO-104 B	Human Ecology
			2021	517	ANO-104 C	Tribal Development in Inida
			2021	518	ANO-105	Somatometry and Somatoscopy
			2021	519	ANO-106	Archaeological Anthropology
			2021	520	ANO-203 A	Prehistoric India
			2021	521	ANO-203 B	Urban Anthropology
			2021	522	ANO-203 C	Field work Traditions
			2021	523	ANO-204 A	Research methods in Anthropology
			2021	524	ANO-204 B	Biology, Health and Disease
			2021	525	ANO-204 C	Early Civilizations
			2021	526	ANO-304	Dermatoglyphics and Human Osteometry
			2021	527	ANO-305	Biostatistics and computer Applications
			2021	528	ANO-306 B	Fundamentals of Anthropology
			2021	529	ANO-305	Data Management and Computer Applications
			2021	530	ANO-306 B	Tribal Studies
			2021	531	ANO-404	Non-Governmental Organizations and Extension studies
			2021	532	ANO-406B	Environmental Anthropology
2021	204	Biochemistry	2021			
2021	205	Immuno-technology				
2021	202	Botany	2021	533	Bot-301	Molecular Plant Physiology
			2021	534	Bot-303A	Mushroom Cultivation
			2021	535	Bot-304A	Plant Resource and Human Welfare
			2021	536	Bot-304B	Gardening and Nursery Techniques
			2021	537	Bot-304C	Organic Farming
			2021	538	Bot-401	Genomics and Proteomics
			2021	539	Bot-403	Dissertation Presentation Viva
			2021	540	Bot-404A :	Nanobiotechnology
			2021	541	Bot-404B :	Ethnobotany and Plant Drugs

			2021	542	Bot-404C:	Horticulture
2021	264	Biotechnology	2021	543	BTH 103a	Microbiology and diseases
			2021	544	BTH 103b	Microbial physiology & Genetics
			2021	545	BTH 104a	Cell biology and genetics
			2021	546	BTH 104b	Molecular Genetics
			2021	547	BTH 105P	Bio-molecules and Advanced Tools and Techniques
			2021	548	BTH 106P	Microbiology and Cell Biology
			2021	549	BTH 203a	Immunology
			2021	550	BTH 203b	Cancer Biology
			2021	551	BTH 204b	Biostatistics
			2021	552	BTH 205P	Enzymology, metabolism and Molecular Biology
			2021	553	BTH 206P	Immunology, Biostatistics and Bioinformatics
			2021	554	BTH 302	Food and Industrial Biotechnology
			2021	555	BTH 303c	Emerging technologies in Biotechnology
			2021	556	BTH 304 P	Genetic Engineering, Food and Industrial Biotechnology
2021	208	Chemistry	2021	557	CHE-103 b	Chemistry of Nano materials
			2021	558	CHE-104 b	Green Chemistry
			2021	559	CHE-203 b	Advanced Thermodynamics and Biophysical chemistry
			2021	560	CHE –AC- 305 A	Chemotherapy and drug analysis
			2021	561	CHE-EC-304	Water & Soil Analysis
2021	266	Environmental Sciences	2021	562	ENV 106	Biodiversity and Conservation and Management
			2021	563	ENV 206	Environmental Laws, Policies and Legislation
			2021	564	ENV 306 A	Environmental Education
			2021	565	ENV 406 A	Global Environmental Issues
2021	267	Fishery Science & Aquaculture	2021	566	AQC 103 A:	Fish Nutrition and Water Quality Management
			2021	567	AQC: 103 B :	Environmental Monitoring and Bio deterioration
			2021	568	AQC- 104A:	Coastal Aquaculture
			2021	569	AQC 104 B:	Ornamental Fish Culture
			2021	570	AQC 203B:	Capture fisheries
			2021	571	AQC 204 A:	Fishery Economics, Extension and Environmental Management
			2021	572	AQC 204: B	Limnology
			2021	573	AQC 305:	Fish Nutrition Technology
			2021	574	AQC 404:	Biotechnology And Biochemical Estimations

			2021	575	AQC 406 (B):	Fish Breeding and Hatchery Management
2021	228	Geography	2021	576	GEG - 102	Cartography
			2021	577	GEG – 103(A)	Economic Geography
			2021	578	GEG – 103(B)	Human Geography
			2021	579	GEG – 103(C)	Environmental Geography
			2021	580	GEG – 104(A)	Oceanography
			2021	581	GEG – 104(B)	Computer Basics for Geography
			2021	582	GEG – 104(C)	Regional Geography of Andhra Pradesh
			2021	583	GEG – 105	Map Projections
			2021	584	GEG – 106	Techniques of Mapping and map analysis
			2021	585	GEG - 202	Geographical Thought
			2021	586	GEG – 203(B)	Geography of Tourism
			2021	587	GEG – 203(C)	Industrial Geography
			2021	588	GEG – 204(A)	Physical Geography of India
			2021	589	GEG – 204(B)	Regional Geography of India
			2021	590	GEG – 204(C)	Social and Cultural Geography
			2021	591	GEG – 205	Interpretation of Topographical (S.O.I., U.S and O.S) and Weather Maps
			2021	592	GEG – 206	Research Techniques
			2021	593	GEG – 303(A)	Agricultural Geography
			2021	594	GEG – 303(B)	Transport geography
			2021	595	GEG – 303(C)	Disaster Management Studies
			2021	596	GEG – 304	Geographical Information System (GIS)
			2021	597	GEG – 305	GPS Survey and Report
			2021	598	GEG – 306 (A)	Regional Geography of Andhra Pradesh
			2021	599	GEG – 306 (B)	Geographical Information System (GIS) & Global Positioning System (GPS) and Applications
			2021	600	GEG – 403(A)	Water and Soil Resources Management
			2021	601	GEG – 403(B)	Political Geography
			2021	602	GEG – 403(C)	Research in Geographical Studies
			2021	603	GEG = 404	Remote Sensing Applications
			2021	604	GEG – 405	Project Work and Viva Voce
			2021	605	GEG – 406 (A)	Regional Geography of India
			2021	606	GEG – 406 (B)	Principles of Remote Sensing
			2021	607	GEO.101	Crystallography and Mineralogy
			2021	608	GEO.102	Igneous Petrology
			2021	609	GEO.103a	Structural Geology
			2021	610	GEO.103b	Fundamentals of Geophysics

2021	224	Geology	2021	611	GEO.103c	Micropalaeontology & Oceanography
			2021	612	GEO.104a	Geomorphology
			2021	613	GEO.104b	Meteorology & Climate Change
			2021	614	GEO.104c	Energy Resources
			2021	615	GEO.105P	Crystallography and Mineralogy & Structural Geology and Geotectonics/ Fundamentals of Geophysics/ Micropalaeontology & Oceanography
			2021	616	GEO.106P	Igneous Petrology & Geomorphology/ Meteorology & Climate Change/ Energy Resources
			2021	617	GEO.107P	Geological Field Survey and Training Programme
			2021	618	GEO.201	Sedimentary Petrology
			2021	619	GEO.202	Stratigraphy and Palaeontology
			2021	620	GEO.203a	Geochemistry and Isotope Geology
			2021	621	GEO.203b	Marine Geology
			2021	622	GEO.203c	Computer Applications and Geostatistics
			2021	623	GEO.204a	Remote sensing and GIS
			2021	624	GEO.204b	Environmental Geology
			2021	625	GEO.204c	Gemology
			2021	626	GEO.205P	Sedimentary Petrology & Geochemistry and Isotope Geology/ Marine Geology/ Computer Applications and Geostatistics
			2021	627	GEO.206P	Stratigraphy and Palaeontology & Remote sensing and GIS/ Environmental Geology/ Gemology
			2021	628	GEO.207P	Geological Field Survey and Training Programme
			2021	629	GEO.301	Metamorphic Petrology
			2021	630	GEO.302	Economic Geology and Mineral Economics
			2021	631	GEO.303a	Watershed Management
			2021	632	GEO.303b	Photogrammetry
			2021	633	GEO.303c	Dimensional stones and Construction materials

			2021	634	GEO.304P	Metamorphic Petrology, Economic Geology and Mineral Economics & Watershed Management / Photogrammetry / Dimensional stones and Construction materials
			2021	635	GEO.305	Surveying and Field Geology
			2021	636	GEO.306P	Surveying and Field Geology
			2021	637	GEO.307P	Geological Field Survey and Training Programme
			2021	638	GEO.308a	Earth System Processes
			2021	639	GEO.308b	Medical Geology
			2021	640	GEO.401	Hydrogeology and Engineering Geology
			2021	641	GEO.402	Mineral Exploration and Ore Beneficiation
			2021	642	GEO.403a	Mining Geology
			2021	643	GEO.403b	Digital Image Processing
			2021	644	GEO.403c	Water Resources Management
			2021	645	GEO.404P	Hydrogeology and Engineering Geology, Mineral Exploration and Ore Beneficiation & Mining Geology / Digital Image Processing / Water Resources Management
			2021	646	GEO.405	Environmental Impact Assessment and Management/Project Work
			2021	647	GEO.406P	Geological Field Survey and Training Programme
			2021	648	GEO.407a	Fuel Geology
			2021	649	GEO.407b	Natural hazards and Disaster Management
			2021	650	EMCT-101	Communication and Media Preparation (CMP)
			2021	651	EMCT-102	Extension Education in Community Development (EECD)
			2021	652	EMCT-103a	Dynamics of Rural Society(DR)
			2021	653	EMCT-103b	Dynamics of Group Behavior (DGB)
			2021	654	EMCT-104a	Community Nutrition(CN)
			2021	655	EMCT-104b	Nutrition during Life Span(NLS)
			2021	656	EMCT-105	101+ 103a / 103b
			2021	657	EMCT -106	102 + 104 a / 104 b

2021	234	Home Sciences	2021	658	EMCT-107	Human Values and Professional Ethics -I (HVPE) *(Audit Course)
			2021	659	EMCT-201	Community Organization and Leadership (COL)
			2021	660	EMCT-202	Entrepreneurial Development and Empowerment of Women (ED)
			2021	661	EMCT-203a	Educational Technology(ET)
			2021	662	EMCT-203b	Technology Transfer and Management (TTM)
			2021	663	EMCT-204a	Research Methodology (RM)
			2021	664	EMCT-204b	Statistics and Computer Application (SCA)
			2021	665	EMCT-205	201 + 203a / 203b
			2021	666	EMCT-206	202 + 204 a / 204 b
			2021	667	EMCT-207	Human Values and Professional Ethics –II (HVPE)
			2021	668	EMCT -301	Managerial Skills for Extension Professionals (MSEP)
			2021	669	EMCT -302	Training and Development (T&D)
			2021	670	EMCT 303a	Rural Development and Administration (RDA)
			2021	671	EMCT 303b	Principles of Guidance and Counseling (PGC)
			2021	672	EMCT -304	301 + 302
			2021	673	EMCT – 305	NGO Management (NGOM) (Theory) + (Practicals)
			2021	674	EMCT-306 –a	Fundamentals of Food, Nutrition and Health (FFNH)
			2021	675	EMCT -306 b	Dynamics in Food Preparation (DFP)
			2021	676	EMCT-401	Communication Technologies in Extension (CTE)
			2021	677	EMCT -402	Participatory Programme Management (PPM)
			2021	678	EMCT -403 a	Extension Management (EM)
			2021	679	EMCT -403.b	Science & Technology for Rural Women (STW)
			2021	680	EMCT-404	401 + 402
			2021	681	EMCT-405	Local Government in AP (LGAP) ((Theory) + (Practicals)
			2021	682	406.a	Disaster Management (DM)
			2021	683	406.b	Growth and Development During Early Years (GDEA)
			2021	684		A) Ordinary Differential Equations

2021	236	Mathematics	2021	685	MA 103	B) Linear Algebra
			2021	686	MA 104	A) Numerical Methods
			2021	687		B) Lattice theory
			2021	688	MA 105	Complex Analysis
			2021	689	MA 106	Discrete Mathematics
			2021	690	MA 203	B) Semi group Theory
			2021	691	MA 204	A) Advanced Complex Analysis
			2021	692		B) Nonlinear Analysis
			2021	693	MA 206	Mathematical Statistics
			2021	694	MA 303	A) Differential Geometry
			2021	695		B) Algebraic coding theory
			2021	696	MA 304	Classical Mechanics
			2021	697	MA 305	MAT-LAB
			2021	698	MA 403	B) Approximation Theory
			2021	699	MA 404	Operations Research for Industry and Community Development
			2021	700	MA 405	Computer Oriented Numerical Methods
			2021	701	MA 406	A) Business Mathematics-II
			2021	702		B) Mathematics for Social Sciences
2021	238	Applied Mathematics	2021	703	AMA 103	B) Viscous Flows
			2021	704	AMA 104	A) Numerical Methods
			2021	705		B) Boundary Value Problems
			2021	706	AMA 105	Complex Analysis
			2021	707	AMA 106	Discrete Mathematics
			2021	708	AMA 203	B) Magneto Hydro Dynamics
			2021	709	AMA 204	B) Nonlinear Analysis
			2021	710	AMA 206	Mathematical Statistics
			2021	711	AMA 303	A) Differential Geometry
			2021	712		B) Mathematical Methods
			2021	713	AMA 304	Classical Mechanics
			2021	714	AMA 305	MAT-LAB
			2021	715	AMA 306	A) Business Mathematics-I
			2021	716		B) Foundation of Mathematical Statistics
			2021	717	AMA 403	B) Approximation Theory
			2021	718	AMA 404	Operations Research for Industry and Community Development
			2021	719	AMA 405	Computer Oriented Numerical Methods
			2021	720	AMA 406	A) Business Mathematics-II
			2021	721		B) Mathematics for Social Sciences
			2021	722	MB-101	Introductory Microbiology
			2021	723	MB-102	Microbial Physiology

2021	270	Microbiology	2021	724	MB-103	Biochemistry
			2021	725	MB-104	Biophysics and Biostatistics
			2021	726	MB-105	Introductory Microbiology & Microbial Physiology
			2021	727	MB-106	Biochemistry & Biophysics and Biostatistics
			2021	728	MB-201	Molecular Biology
			2021	729	MB-202	Recombinant DNA technology
			2021	730	MB-203	Immunology
			2021	731	MB-204	Medical Microbiology
			2021	732	MB-205	Molecular Biology and Recombinant DNA Technology
			2021	733	MB-206	Immunology and Medical Microbiology
			2021	734	MB-301	Bacteriology and Virology
			2021	735	MB-302	Agricultural Microbiology
			2021	736	MB-303	a) Industrial Microbiology
			2021	737		b) Downstream processing Technology
			2021	738	MB-304	Bacteriology and Virology and Agricultural Microbiology
			2021	739		
			2021	740	MB-305	Food and Diary Microbiology
			2021	741		
			2021	742	MB-306	a) Computational biology
			2021	743		b) Microbial genomics and proteomics
			2021	744	MB-403	a) Pharmaceutical Microbiology
			2021	745		b) Industrial based microbial clean Technology
			2021	746	MB-404	Molecular Cell biology and
			2021	747		Technology and Environmental Microbiology & elective
			2021	748	MB-405	Field Trip/ Industrial Tour Report / Dissertation
			2021	749	MB-406	a) Bioethics, Biosafety and Intellectual property rights
			2021	750		b) Microbial Production of Alcoholic beverages.
			2021	751	IMB-101	Introductory Microbiology
			2021	752	IMB-102	Microbial Physiology
			2021	753	IMB-103	Biochemistry
			2021	754	IMB-104	Biophysics and Biostatistics
			2021	755	IMB-105	Introductory Microbiology & Microbial Physiology
			2021	756	IMB-106	Biochemistry & Biophysics and Biostatistics
			2021	757	IMB-201	Molecular Biology

2021	268	Industrial Microbiology	2021	758	IMB-202	Recombinant DNA technology
			2021	759	IMB-203	Immunology
			2021	760	IMB-204	Medical Microbiology
			2021	761	IMB-205	Molecular Biology and Recombinant DNA Technology
			2021	762	IMB-206	Immunology and Medical Microbiology
			2021	763	IMB-301	Basics of Industrial Microbiology
			2021	764	IMB-302	Bioprocessing of Industrial Microorganisms
			2021	765	IMB-303	a) Pharmaceutical Microbiology
			2021	766		b) Downstream Processing
			2021	767	IMB-304	Basics of Industrial Microbiology and Bioprocessing of Industrial Microbiology
			2021	768	IMB-305	Industrial Food Microbiology
			2021	769	IMB-306	a) Computational Biology
			2021	770		b) Industrial Biotechnology
			2021	771	IMB-401	Animal and plant cell culture
			2021	772	IMB-402	Industrial based Microbial clean technology
			2021	773	IMB-403	a) Industrial production of Microbial product
			2021	774		b) Industrial Microbial Technology
			2021	775	IMB-404	Animal and plant cell culture and Industrial based Microbial clean technology
			2021	776	IMB-405	Field Trip/ Industrial Tour Report / Dissertation
			2021	777	IMB-406	a) Bioethics, Biosafety and Intellectual property rights
			2021	778		b) Microbial Production of Alcoholic beverages.
			2021	779	PHY102	2.Solid State Physics
			2021	780	PHY103(a)	1.Analog and DigitalElectronics
			2021	781	PHY103(b)	2.ComputationalMethods &C Language
			2021	782	PHY103(c)	3.Sensor sand Transducers
			2021	783	PHY104(a)	1.Atomic and Molecular Physics
			2021	784	PHY104(b)	2.Optical,Microwave and Satellite Communications
			2021	785	PHY104(c)	3.Computer Architecture and Networking
			2021	786	PHY105	Paper1&3 (General Lab)
			2021	787	PHY106	Paper3 &4 (Electronics Lab)
			2021	788	PHY203(a)	1.Nuclear Physics

2021	242	Physics	2021	789	PHY203(b)	2.Ic fabrication Techniques
			2021	790	PHY203(c)	3.Advanced,Microprocessors and its Applications
			2021	791	PHY204(a)	1.Mathematical Physics
			2021	792	PHY204(b)	2.Introduction to VLSI design
			2021	793	PHY204(c)	3.Material Science For Industrial Applications
			2021	794	PHY205	Paper 1&3 (General Lab)
			2021	795	PHY206	Paper 3&4 (Electronics Lab)
			2021	796	PHY301	1.Introductory Quantum Mechanics
			2021	797	PHY302	2.Physics of Semiconductor Devices
			2021	798	PHY303(a)	1.Applied Spectroscopy
			2021	799	PHY303(b)	2.Condensed Matter Physics
			2021	800	PHY303(c)	3.Embedded Systems
			2021	801	PHY304	Elective Lab
			2021	802	PHY305	Advances in Physics
			2021	803	PHY306(a)	1.Basic Spectroscopic Techniques
			2021	804	PHY306(b)	Nanomaterials and Devices
			2021	805	PHY401	1.Advanced Quantum Mechanics
			2021	806	PHY402	2.Physics of Advanced Materials
			2021	807	PHY403(a)	1.Photonics
			2021	808	PHY403(b)	2.Solar Energy-Thermal and Photovoltaic Properties
			2021	809	PHY403(c)	3.Vacuum and Thin Film Technology
			2021	810	PHY404	Elective Lab
			2021	811	PHY405	Advanced Characterization Techniques
			2021	812	PHY406(a)	1.Wireless Communications
			2021	813	PHY406(b)	2. Vacuum Technology & Applications
			2021	814		b. Psychological Measurement-I(CF)
			2021	815	PSY 103	c. Positive Psychology (CF)
			2021	816		a. Child Development Psychology
			2021	817		b. Psychological Measurement & Statistics
			2021	818	PSY 104	c. Forensic Psychology
			2021	819	PSY 105	Paper 1 & 3
			2021	820	PSY 106	Paper 3 & 4
			2021	821		b. Psycho-Diagnosis (CF)
			2021	822	PSY 203	c. Computer Application in Psychological Research-(CF)

2021	246	Psychology	2021	823		a. Life Span Development Psychology : Infancy to Adolescence (Prenatal to Adolescents)
			2021	824		b. Consumer Behavior
			2021	825	PSY 204	c. Industrial & Organizational Psychology
			2021	826	PSY 205	Paper 1 & 3
			2021	827	PSY 206	Paper 3 & 4
			2021	828	PSY 301	Counseling Psychology (CC)
			2021	829	PSY 302	Psychology of Personality (CC)
			2021	830		a. Organizational Behavior & HRM (GE)
			2021	831		b. Therapeutic Approaches in Counseling-I
			2021	832	PSY 303	c. Health Psychology(GE)
			2021	833	PSY 304	Core & Generic Elective
			2021	834	PSY 305	Stress Management Theory & Practical
			2021	835	PSY 306	Personality Development (OE)
			2021	836	PSY 401	Therapeutic Approaches in Counseling-II(CC)
			2021	837	PSY 402	Theories of Personality (CC)
			2021	838		a. Research Methodology-(GE)
			2021	839		b. Organizational Development (GE)
			2021	840	PSY 403	c. Rehabilitation Psychology (GE)
			2021	841	PSY 404	Core & Generic Elective
			2021	842	PSY 405	As per allotment (Theory and Practice)
			2021	843	PSY 406	Life Skills (OE)
			2021	844		b. Psychological Measurement-I(CF)
			2021	845	PSY 103	c. Positive Psychology (CF)
			2021	846		a. Child Development Psychology
			2021	847		b. Psychological Measurement & Statistics
			2021	848	PSY 104	c. Forensic Psychology
			2021	849	PSY 105	Paper 1 & 3
			2021	850	PSY 106	Paper 3 & 4
			2021	851		b. Psycho-Diagnosis (CF)
			2021	852	PSY 203	c. Computer Application in Psychological Research-(CF)

2021	246	Counselling Psychology	2021	853	PSY 204	a. Life Span Development Psychology : Infancy to Adolescence (Prenatal to Adolescents)
			2021	854		b. Consumer Behavior
			2021	855		c. Industrial & Organizational Psychology
			2021	856	PSY 205	Paper 1 & 3
			2021	857	PSY 206	Paper 3 & 4
			2021	858	CPSY 301	Counseling Process
			2021	859	CPSY 302	Counseling Skills
			2021	860	CPSY 303	a. Therapeutic Approaches in Counseling-I
			2021	861		b. Counseling in Organizational Settings
			2021	862		c. Health Psychology (GE)
			2021	863	CPSY 304	Practicals
			2021	864	CPSY 305	Stress Management & Counseling Psychology Theory & Practical
			2021	865	CPSY 306	Personality Development
			2021	866	CPSY 401	Applications of Counseling in Special Areas
			2021	867	CPSY 402	Therapeutic Approaches in Counseling–II(CC)
			2021	868	CPSY 403	a. Counseling in Hospital Settings
			2021	869		b. Counseling in Community Settings
			2021	870		c. Counseling the Family
			2021	871	CPSY 404	Practicals
			2021	872	CPSY 405	Through allotment (Theory and Practice)
			2021	873	CPSY 406	Life Skills (OE)
			2021	874	ST-102	Probability and Distributions
			2021	875	ST-103 (a)	Sampling Techniques
			2021	876	ST-103 (b)	Stochastic Process
			2021	877	ST-103 ©	Python
			2021	878	ST-104(A)	Statistical Analysis Using Excel and SPSS
			2021	879	ST-104(B)	Python
			2021	880	ST-105	PRACTICALS
			2021	881	ST-106	PRACTICALS
			2021	882	ST 201	STATISTICAL INFERENCE
			2021	883	ST 202	Multivariate analysis
			2021	884	ST 203(a)	Linear models and Applied Regression Analysis

2021	248	Statistics	2021	885	ST-203(B)	COMPUTER PROGRAMMING – C^{++}
			2021	886	ST 203 (C)	Demography and official statistics
			2021	887	ST 204 (A)	DESIGN AND ANALYSIS OF EXPERIMENTS
			2021	888	ST 204 (B)	Industrial Statistics and Quality control
			2021	889	ST-205	PRACTICALS
			2021	890	ST-206	PRACTICALS
			2021	891	ST-302	Operations Research-I
			2021	892	ST 303 (A)	Demography and official statistics
			2021	893	ST 303 (B)	Bio-Statistics
			2021	894	ST-304	PRACTICAL
			2021	895	ST-305	STATISTICAL ANALYSIS USING R
			2021	896	ST 306 (a)	Statistics for Biological and Earth sciences
			2021	897	ST 306 (b)	Statistics for social and behavioral sciences
			2021	898	ST- 402	Operations Research-II
			2021	899	ST403(A)	Advanced Econometric Models
			2021	900	ST403(B)	TOTAL QUALITY MANAGEMENT AND SIX SIGMA
			2021	901	ST- 404	PRACTICAL VII
			2021	902	ST 405	STUDENT PROJECT
			2021	903	ST - 406	STATISTICAL PROCESS AND QUALITY CONTROL
			2021	904	ST 406 - (a)	Business Analytics
			2021	905	ST 406 (b)	Survival analysis
			2021	906	APST-102	Probability and Distributions
			2021	907	APST-103 (a)	Sampling Techniques
			2021	908	APST-103 (b)	Stochastic Process
			2021	909	APST-103 (C)	Python
			2021	910	APST-104(A)	Statistical Analysis Using Excel and SPSS
			2021	911	APST-104(B)	Python
			2021	912	APST-105	PRACTICALS
			2021	913	APST-106	PRACTICALS
			2021	914	APST 201	STATISTICAL INFERENCE
			2021	915	APST 202	Multivariate analysis
			2021	916	APST 203(a)	Linear models and Applied Regression Analysis

2021	240	Applied Statistics	2021	917	APST-203(B)	COMPUTER PROGRAMMING – C^{++}
			2021	918	APST 203 (C)	Demography and official statistics
			2021	919	APST 204 (A)	DESIGN AND ANALYSIS OF EXPERIMENTS
			2021	920	APST 204 (B)	Industrial Statistics and Quality control
			2021	921	APST-205	PRACTICALS
			2021	922	APST-206	PRACTICALS
			2021	923	APST-302	APPLIED OPERATIONS RESEARCH
			2021	924	APST-303	PRACTICAL-V
			2021	925	APST 304 (A)	ADVANCED BIOSTATISTICS
			2021	926	APST 304(b)	Applied Demography and official statistics
			2021	927	APST-305	STATISTICAL ANALYSIS USING R
			2021	928	APST 306 (a)	Statistics for Biological and Earth sciences
			2021	929	ST 306 (b)	Statistics for social and behavioural sciences
			2021	930	APST401	APPLIED FORECASTING METHODS
			2021	931	APST402	RELIABILITY AND SURVIVAL ANALYSIS
			2021	932	APST 403(A)	STATISTICS FOR RESEARCH, INDUSTRY AND COMMUNITYDEVELOPMENT
			2021	933	APST403(B)	Advanced Econometric Models
			2021	934	APST 404	PRACTICAL –VII
			2021	935	APST 405 A	STUDENT PROJECT
			2021	936	APST 405 B	Statistical Quality Control
			2021	937	APST 406(a)	STATISTICS FOR MARKETING RESEARCH
			2021	938	APST 406 (b)	Statistical analysis using SPSS
			2021	939	VR-101	Biological Chemistry
			2021	940	VR-102	Analytical Techniques
			2021	941	VR-103	Biological Chemistry and Analytical Techniques
			2021	942	VR-104	General Microbiology and Virology
			2021	943	VR-105	General Microbiology and Virology
			2021	944	VR-201	Cell and Molecular Biology
			2021	945	VR-202	Recombinant DNA Technology

			2021	946	VR-203	Cell and Molecular Biology & Recombinant DNA Technology
			2021	947	VR-204	Immunology
			2021	948	VR-205	Immunology
			2021	949	VR-206	Human values and Professional ethics - II
			2021	950	VIR-103A (or)	General Microbiology (or)
			2021	951	VIR-103B	Microbial Physiology and Metabolism
			2021	952	VIR-104A(or)	General Virology (or)
			2021	953	VIR-104B	Enzyme Technology
			2021	954	VR-105A(or)	Biological Chemistry & General Microbiology (Or)
			2021	955	VR-105B	Biological Chemistry & Microbial Physiology and Metabolism
			2021	956	VIR-106A(or)	Analytical Techniques & General Virology (or)
			2021	957	VIR-106B	Analytical Techniques & Enzyme Technology
			2021	958	VIR-107	Human and Professional Ethics-I
			2021	959	VIR-201	Cell BiologyandTissue Culture
			2021	960	VIR-202	Microbial Genetics andMolecular Biology
			2021	961	VIR-203A (Or)	Recombinant DNA Technology (Or)
			2021	962	VIR-203B	Biostatistics and Bioinformatics
			2021	963	VIR-204A (Or)	Immunology (Or)
			2021	964	VIR-204B	Food and Environmental Biotechnology
2021	270	Virology	2021	965	VIR-205A (Or)	Cell Biology and Tissue culture & Recombinant DNA Technology (Or)
			2021	966	VIR-205B	Cell Biology and Tissue culture & Biostatistics and Bioinformatics
			2021	967	VIR-206A (Or)	Microbial Genetics and Molecular Biology & Immunology (Or)
			2021	968	VIR-206B	Microbial Genetics and Molecular Biology & Food and Environmental Biotechnology
			2021	969	VIR-207	Human and Professional Ethics-II
			2021	970	VIR-303A (Or)	Molecular Virology
			2021	971	VIR-303B	Tumor Virology
			2021	972	VIR-304A (Or)	Plant Virology and Virus Diseases& Molecular Virology

			2021	973	VIR-304B	Plant Virology and Virus Diseases& Tumor Virology
			2021	974	VIR-305A	Theory- Molecular Techniques
			2021	975	VIR-305B	Practical-MolecularTechniques
			2021	976	VIR-306A (Or)	Basic Virology
			2021	977	VIR-306B	Agricultural, Animal and Human Viruses
			2021	978	VIR-307	Communicative English and Fundamentals of Computers
			2021	979	VIR-403A (Or)	Applied Virology
			2021	980	VIR-403B	Virus-based Biotechnology
			2021	981	VIR-404A (Or)	Animal and Human Virology and Virus Diseases& Applied Virology
			2021	982	VIR-404B	Animal and Human Virology and Virus Diseases & Virus-based Biotechnology
			2021	983	VIR-405A	Theory-Industrial Biotechnology
			2021	984	VIR-405B	Practical- Industrial Biotechnology (Or)
			2021	985	VIR-405C	Project work related to Virology
			2021	986	VIR-405A (Or)	Clinical Virology (Or)
			2021	987	VIR-406B	Emerging and Reemerging Viruses
2021	260	Zoology	2021	988	ZOO-103A	Genetics & Evolution
			2021	989	ZOO-103B	Endocrinology
			2021	990	ZOO-104A	Tools & Techniques
			2021	991	ZOO-104B	Genetic Engineering
			2021	992	ZOO-105P	Lab-1
			2021	993	ZOO-106P	Lab-2
			2021	994	ZOO-203A	Neurobiology & Animal Behavior
			2021	995	ZOO-203B	Bioinformatics & Biostatistics
			2021	996	ZOO-204A	Enzymology
			2021	997	ZOO-204B	Pathobiology
			2021	998	ZOO-205P	Lab-1
			2021	999	ZOO-206P	Lab-2
			2021	1000	ZOO-303A	Animal Biotechnology
			2021	1001	ZOO-303B	Microbiology
			2021	1002	ZOO-304P	Lab-1
			2021	1003	ZOO-305	Economic Zoology
			2021	1004	ZOO-306A	Environmental Impact Assessment & Green Auditing
			2021	1005	ZOO-306B	Human Health and Infectious diseases
			2021	1006	ZOO-401	Toxicology
			2021	1007	ZOO-402	Comparative Animal Physiology
			2021	1008	ZOO-403A	Biodiversity and Conservation

			2021	1009	ZOO-403B	Endocrinology
			2021	1010	ZOO-404P	Lab-1
			2021	1011	ZOO-405	Principles and Practices of Aquaculture
			2021	1012	ZOO-406A	Environmental Microbiology
			2021	1013	ZOO-406B	Medical Biotechnology, IPR, Biosafety and Bioethics
2021	269	Animal Biotechnology	2021	1014	ABT-103A	Microbiology and Diseases
			2021	1015	ABT-103B	Environmental Biology
			2021	1016	ABT- 104A	Environmental Biotechnology
			2021	1017	ABT-104B	Human Health and Infectious Diseases
			2021	1018	ABT-105P	Lab-1
			2021	1019	ABT-106P	Lab-2
			2021	1020	ABT-203A	Cell Biology & Immunology (CB&IM)
			2021	1021	ABT-203B	Animal Biotechnology
			2021	1022	ABT- 204A	Toxicology
			2021	1023	ABT-204B	Endocrinology
			2021	1024	ABT-205P	Lab-1
			2021	1025	ABT-206P	Lab-2
			2021	1026	ABT-303A	Bioinformatics & Biostatistics
			2021	1027	ABT-303B	Genetic Engineering (GE)
			2021	1028	ABT- 304P	Lab-I
			2021	1029	ABT-305	Bio resource Technology (Apiculture, Sericulture, Aquaculture, Vermiculture)
			2021	1030	ABT-306B	Cancer Biology
			2021	1031	ABT-403A	Drug design and Development
			2021	1032	ABT-403B	Biosafety, Bio Ethics & Intellectual Property rights
			2021	1033	ABT- 404	Project (Dissertation preparation & Submission)
			2021	1034	ABT-405	Viva-Voce
			2021	1035	ABT-406B	Animal Cell Culture Techniques
2021		MBA	2021	1036	107	Modelling with Excel
			2021	1037	108	Human Values and Professional Ethics
			2021	1038	MCA 104	Operating Systems
			2021	1039	MCA 105A	Accounting and Financial management
			2021	1040	MCA 105B	Accounting Essentials for Computer Applications
			2021	1041	MCA 106P	Software Lab I (based on 101 & 103)
			2021	1042	MCA 107 P	Object Oriented Programming Lab

2021	262	MCA	2021	1043	MCA 108 P	Operating Systems Lab
			2021	1044	MCA 201	Computer Oriented Operations Research
			2021	1045	MCA 202	Data Structures using Java
			2021	1046	MCA 203	Data Communication and Computer Networks
			2021	1047	MCA 204	Advanced Database Management Systems
			2021	1048	MCA 205A	E-Commerce
			2021	1049	MCA 205B	Cyber Security
			2021	1050	MCA 205C	Neural Networks
			2021	1051	MCA 206	Group Discussion
			2021	1052	MCA 207P	Software Lab II (Based on 201 & 203)
			2021	1053	MCA 303	Web Technologies
			2021	1054	MCA 304A	Data warehousing and Data mining
			2021	1055	MCA 304B	Big Data Analytics
			2021	1056	MCA 304C	System Programming
			2021	1057	MCA 305A	Cryptography and Network Security
			2021	1058	MCA 305B	Artificial Intelligence
			2021	1059	MCA 305C	Mobile Application Development
			2021	1060	MCA 306	The courses offered by Other departments
			2021	1061	MCA 307	Technical Seminar
			2021	1062	MCA 308P	Software Lab III (301&302)
			2021	1063	MCA 309P	Web Technologies Lab
			2021	1064	MCA 310P	Minor Project work
			2021	1065	MCA 401A	Cloud Computing
			2021	1066	MCA 401B	Dot Net Technologies
			2021	1067	MCA 402A	Essentials of Data Science
			2021	1068	MCA 402B	Deep Learning
			2021	1069	MCA 402C	Internet of Things
			2021	1070	MCA 403	Major Project work(One Month Course work & 3 Months on site project)
2021	358	M.Com Regular	2021	1071	105b	Research Methodology in Social Sciences
			2021	1072	105c	Banking and Insurance Services
			2021	1073	106a	Business Communication Skills
			2021	1074	106b	Principles of Management
			2021	1075	201	Human Resource Management
			2021	1076	204	Advanced cost Accounting
			2021	1077	205b	Legal Aspects of Business
			2021	1078	205c	Risk Management
			2021	1079	206a	E-Banking Operations

			2021	1080	206b	Management Information Systems
			2021	1081	303a	Tally with GST Applications
			2021	1082	303 d	Total Quality Management
			2021	1083	304	Internal Audit and Standard Audit Practices
			2021	1084	403a	GST and Customs Duty
			2021	1085	405b	Business Ethics
2021	357	M.Com Accounting & Finance	2021	1086	105c	Banking and Insurance Services
			2021	1087	106a	Business Communication Skills
			2021	1088	106b	Principles of Management
			2021	1089	205b	Legal Aspects of Business
			2021	1090	205c	Risk Management
			2021	1091	206a	e-Banking Operations
			2021	1092	206b	Management Information Systems
			2021	1093	303a.	Tally with GST Application
			2021	1094	303 d	International Accounting & Reporting
			2021	1095	304	Internal Audit and Standard Audit Practices
			2021	1096	403c.	Mergers & Acquisitions
			2021	1097	403d.	GST and Customs Duty
			2021	1098	405b	Business Ethics
2021	355	M.Com Financial Management	2021	1099	105b	Research Methodology in Social Sciences
			2021	1100	105c	Managerial Economics
			2021	1101	106a	Business Communication Skills
			2021	1102	106b	Principles of Management
			2021	1103	205b	Legal Aspects of Business
			2021	1104	205c	Risk Management
			2021	1105	206a	e-Banking Operations
			2021	1106	206b	Management Information Systems
			2021	1107	303a.	Tally with GST Application
			2021	1108	304	Internal Audit and Standard Audit Practices
			2021	1109	BP101T	Human Anatomy and Physiology I– Theory
			2021	1110	BP102T	Pharmaceutical Analysis I –Theory
			2021	1111	BP103T	Pharmaceutics I – Theory
			2021	1112	BP104T	Pharmaceutical Inorganic Chemistry – Theory
			2021	1113	BP105T	Communication skills –Theory *

2021	1114	BP106RBT BP106RMT	Remedial Biology/ Mathematics – Theory*
2021	1115	BP107P	Human Anatomy and Physiology – Practical
2021	1116	BP108P	Pharmaceutical Analysis I –Practical
2021	1117	BP109P	Pharmaceutics I – Practical
2021	1118	BP110P	Pharmaceutical Inorganic Chemistry – Practical
2021	1119	BP111P	Communication skills –Practical*
2021	1120	BP112RBP	Remedial Biology –Practical*
2021	1121	BP201T	Human Anatomy and Physiology II – Theory
2021	1122	BP202T	Pharmaceutical Organic Chemistry I – Theory
2021	1123	BP203T	Biochemistry – Theory
2021	1124	BP204T	Pathophysiology – Theory
2021	1125	BP205T	Computer Applications in Pharmacy – Theory*
2021	1126	BP206T	Environmental sciences – Theory*
2021	1127	BP207P	Human Anatomy and Physiology II –Practical
2021	1128	BP208P	Pharmaceutical Organic Chemistry I– Practical
2021	1129	BP209P	Biochemistry – Practical
2021	1130	BP210P	Computer Applications in Pharmacy – Practical*
2021	1131	BP301T	Pharmaceutical Organic Chemistry II – Theory
2021	1132	BP302T	PhysicalPharmaceuticsI –Theory
2021	1133	BP303T	Pharmaceutical Microbiology –Theory
2021	1134	BP304T	Pharmaceutical Engineering –Theory
2021	1135	BP305P	Pharmaceutical Organic Chemistry II – Practical
2021	1136	BP306P	Physical Pharmaceutics I –Practical
2021	1137	BP307P	Pharmaceutical Microbiology –Practical
2021	1138	BP308P	Pharmaceutical Engineering –Practical
2021	1139	BP401T	Pharmaceutical Organic Chemistry III– Theory
2021	1140	BP402T	Medicinal Chemistry I – Theory

2021	272	B.Pharmacy	2021	1141	BP403T	Physical Pharmaceutics II –Theory
			2021	1142	BP404T	Pharmacology I – Theory
			2021	1143	BP405T	Pharmacognosy I – Theory
			2021	1144	BP406P	Medicinal Chemistry I – Practical
			2021	1145	BP407P	Physical Pharmaceutics II –Practical
			2021	1146	BP408P	Pharmacology I – Practical
			2021	1147	BP409P	Pharmacognosy I – Practical
			2021	1148	BP501T	Medicinal Chemistry II – Theory
			2021	1149	BP502T	Industrial PharmacyI– Theory
			2021	1150	BP503T	Pharmacology II – Theory
			2021	1151	BP504T	Pharmacognosy II – Theory
			2021	1152	BP505T	Pharmaceutical Jurisprudence –Theory
			2021	1153	BP506P	Industrial PharmacyI– Practical
			2021	1154	BP507P	Pharmacology II – Practical
			2021	1155	BP508P	Pharmacognosy II – Practical
			2021	1156	BP601T	Medicinal Chemistry III – Theory
			2021	1157	BP602T	Pharmacology III – Theory
			2021	1158	BP603T	Herbal Drug Technology –Theory
			2021	1159	BP604T	Biopharmaceutics and Pharmacokinetics – Theory
			2021	1160	BP605T	Pharmaceutical Biotechnology– Theory
			2021	1161	BP606T	Quality Assurance– Theory
			2021	1162	BP607P	Medicinal chemistry III –Practical
			2021	1163	BP608P	Pharmacology III – Practical
			2021	1164	BP609P	Herbal Drug Technology –Practical
			2021	1165	BP701T	Instrumental Methods of Analysis– Theory
			2021	1166	BP702T	Industrial Pharmacy – Theory
			2021	1167	BP703T	Pharmacy Practice – Theory
			2021	1168	BP704T	Novel Drug Delivery System –Theory
			2021	1169	BP705 P	Instrumental Methods of Analysis– Practical
			2021	1170	BP706 PS	Practice School*
			2021	1171	BP801T	Biostatistics and Research Methodology – Theory
			2021	1172	BP802T	Social and Preventive Pharmacy– Theory
			2021	1173	BP803ET	Pharmaceutical Marketing –Theory

			2021	1174	BP804ET	Pharmaceutical RegulatoryScience – Theory
			2021	1175	BP805ET	Pharmacovigilance – Theory
			2021	1176	BP806ET	Quality Control andStandardization of Herbals –Theory
			2021	1177	BP807ET	Computer Aided Drug Design –Theory
			2021	1178	BP808ET	Cell and Molecular Biology –Theory
			2021	1179	BP809ET	Cosmetic Science – Theory
			2021	1180	BP810ET	Experimental Pharmacology –Theory
			2021	1181	BP811ET	Advanced Instrumentation Techniques – Theory
			2021	1182	BP812PW	Project Work
2021	280/282	M.Pharmacy	2021	1183	MPL101T	Modern Pharmaceutical Analytical Techniques
			2021	1184	MPL102T	Advanced Pharmacology-I
			2021	1185	MPL103T	Pharmacological and Toxicological Screening Methods-I
			2021	1186	MPL104T	Cellular and Molecular Biology
			2021	1187	MPL105P	Pharmacology Practical I
			2021	1188	MPL201T	Advanced Pharmacology II
			2021	1189	MPL202T	Pharmacological and Toxicological Screening Methods-II
			2021	1190	MPL204T	Clinical Research and Pharmacovigilance
			2021	1191	0	Elective
			2021	1192	MPL205P	Pharmacology Practical II
			2021	1193		Seminar/Assignment
			2021	1194	MPH 203T	Computer Aided DrugDelivery System
			2021	1195	MPC 203T	Computer Aided DrugDesign
			2021	1196	MPA 203T	Quality Control &Quality Assurance
			2021	1197	MPL 204T	Clinical Research &Pharmacovigilance
			2021	1198	MPL 203T	Principles of DrugDiscovery
			2021	1199	MRM 301T	Research Methodology and Biostatistics*
			2021	1200	-	Journal club*
			2021	1201	-	Research Proposal Presentation*
			2021	1202	-	Viva Voce*
			2021	1203	-	Thesis Evaluation

			2021	1204	-	Research work and Colloquium
2021	1-1422777026	B.TECH (CHEMICAL)	2020	1	EEEST 104	Basics Of Electrical And Electronics Engineering
			2020	2	MABST 201	Mathematics - II
			2020	3	CHBST 204	Chemistry For Chemical Engineering-II
			2020	4	MEEST 205	Workshop/Manufacturing Practice
2021	1-1422777052	M.Tech (CHEMICAL)	2018	5	CHPC 01	Mathematical And Statistical Methods In Chemical Engineering
			2018	6	PGMC 41	Research Methodology And Ipr
			2018	7	PGPA 11	English For Research Paper Writing
			2018	8	PGPA 12	Disaster ManagementDisaster Management
			2018	9	PGPA 23	Stress Management By Yoga
			2018	10	CHPE 55	Polymer Science and Engineering
			2018	11	PGOP 12	Industrial Safety
2021	1-1422777024	B.Tech (CIVIL)	2020	12	HS303CO	Managerial Economics and Accountancy *(Common to all branches)*
			2020	13	CE309S	Skill Development Course1
			2020	14	PA310A	Constitution of India*(Common to all branches)*
			2020	15	MC411B	NCC/NSS
			2020	16	MA401C	Probability &Statistics *(Common to all branches)*
			2020	17	CE409S	Skill Development Course 2
2021	1-1422777036	M.Tech (GEO-TECH ENGG.)	2018	18	GTPE21	FEM in Geomechanics
			2018	19	GTPE22	Environmental Geotechnology
			2018	20	GTPE23	Critical State Soil Mechanics
			2018	21	GTPE51	Stability analysis of slopes
			2018	22	GTPE52	Foundations on weak rocks
			2018	23	GTPE53	Geotechnical earthquake engineering
			2018	24	GTOE11	Business Analytics
			2018	25	GTOE12	Industrial Safety
			2018	26	GTOE13	Operations Research
			2018	27	GTOE14	Cost Management of Engineering Projects
			2018	28	GTOE15	Composite Materials
			2018	29	GTOE16	Energy Generation from Waste
			2018	30	SEPE12	Theory and Applications of Cement Composites

			2018	31	SEPE21	Analytical and Numerical Methods for Structural Engineering
			2018	32	SEPE22	Structural Health Monitoring
			2018	33	SECP01	Advanced Structural Analysis Lab
			2018	34	SECP02	Advanced Solid Mechanics Lab
			2018	35	PGPA11	English for Research Paper Writing
			2018	36	PGPA13	Sanskrit for Technical Knowledge
			2018	37	PGPA14	Value Education
			2018	38	PGPC41	Research Methodology and IPR
			2018	39	SEPE34	Design of Masonry Structures
			2018	40	SEPE41	Design of Advanced Concrete Structures
			2018	41	SEPE42	Advanced Design of Foundations
			2018	42	SECP03	Core Lab III Model Testing Lab
2021	1-1422777038	M.Tech (STRUCTURAL ENGG.)	2018	43	SECP04	Core Lab IV Numerical Analysis Lab
			2018	44	PGPA21	Constitution Of India
			2018	45	PGPA22	Pedagogy Studies
			2018	46	PGPA23	Stress Management By Yoga
			2018	47	PGPA24	Personality Development Through Life Enlightenment Skills
			2018	48	SEMP01	Mini Project
			2018	49	SEPE52	Analysis of Laminated Composite Plates
			2018	50	SEOE11	Business Analytics
			2018	51	SEOE12	Industrial Safety
			2018	52	SEOE13	Operations Research
			2018	53	SEOE14	Cost Management of Engineering Projects
			2018	54	SEOE15	Composite Materials
			2018	55	SEOE16	Energy Generation from Waste
			2018	56	SEPD01	Major project: Phase-I Dissertation
			2018	57	SEPD02	Major project: Phase-II Dissertation
			2020	58	CSHN02	Distributed Databases
			2020	59	CSHN03	Advanced Operating Systems
			2020	60	CSHN04	Multicore Computing
2021	1-1422777019	B.TECH(CSE)	2020	61	CSHN05	Natural Language Processing
			2020	62	CSHN06	Software Architecture and Design Patterns
			2020	63	CSHN07	Multi Agent Systems

			2020	64	MINOR	Deep Learning
2021	1-1422777028	M.Tech(CSE)	2018	65	MAPC 01	Mathematical Foundation of Computer Science
			2018	66	MAPC 01	Mathematical Foundation of Computer Science
			2018	67	AIPC 02	Artificial Intelligence
			2018	68	AIPE 11	Expert Systems
			2018	69	AIPE 12	Introduction to Intelligent Systems
			2018	70	AIPC 03	Advanced Algorithms
			2018	71	AIPC 04	Soft Computing
			2018	72	AIPE 31	Data Visualization
			2018	73	AIPE 32	Computer Vision
			2018	74	AIPE 42	Recommender System
			2018	75	AICP02	Knowledge Discovery
			2018	76	PGPA 22	Constitution of India
			2018	77	PGPA 23	Pedagogy Studies
			2018	78	PGPA 24	Stress Management by Yoga
			2018	79	AIMP 01	Personality Development through Life Enlightenment Skills
2021	1-1422777046	B.Tech (EEE)	2020	80	CEEST104	Engineering Mechanics
			2020	81	CSEST 203	Programming for Problem solving
			2020	82	EEEST204	Basic Electrical Engineering
			2020	83	ECPCP309	Analog Electronics Lab
			2020	84	PAMCT 401	Constitution of India
			2020	85	ECPCP609	Electronic Design Lab
2021	1-1422777042	B.TECH(ECE)	2020	86	EC309S	Entrepreneurship and Design Thinking
			2020	87	EC311L	Simulation Lab
			2020	88	EC405C	Analog Communications
			2020	89	EC409S	Python Programming Skill Oriented Course
			2020	90	MC	NSS/ NCC/ NSO Activities
			2020	91	EC505C	Digital Communications
			2020	92	EC506L	Analog and Digital Communication Lab
			2020	93	EC509S	Web programming Skill Oriented Course
			2020	94	EC609S	Internet of Things Skill Oriented Course
			2020	95	EC707S	Data Based Management Systems
			2018	96	CSPE 11	DSP Architecture(Common to Signal Processing SPPE11)

2021	1-1422777044	M.Tech (C.S)	2018	97	CSPE 22	Voice and Data Networks (Common to Signal Processing SPPE22)
			2018	98	PGMC 01	Research Methodology and IPR
			2018	99	CSPE 32	IOT and Applications (Common to Signal Processing SPPE32)
			2018	100	CSPE 51	Remote Sensing (Common to Signal Processing SPPE51)
				101	PGOE 16	Waste to Energy
				102	PGPA21	Constitution of India
			2018	103	PGPA23	Stress Management by Yoga
2021	1-1520399909	M.Tech (S.P)	2018	104	CSPE 11	DSP Architecture(Common to Signal Processing SPPE11)
			2018	105	CSPE 22	Voice and Data Networks (Common to Signal Processing SPPE22)
			2018	106	PGMC 01	Research Methodology and IPR
			2018	107	CSPE 32	IOT and Applications (Common to Signal Processing SPPE32)
			2018	108	CSPE 51	Remote Sensing (Common to Signal Processing SPPE51)
			2018	109	PGOE 16	Waste to Energy
			2018	110	PGPA21	Constitution of India
			2018	111	PGPA23	Stress Management by Yoga
2021	1-1422777022	B.Tech (Mech)	2020	112	MEOET05	Engineering System Analysis and Design
			2020	113	MEOET07	Green Energy Systems
			2020	114	MEPET03	Mechatronic Systems
			2020	115	MEPET01	Advanced Manufacturing Processes
2021	1-1422777030	M.Tech (I.E)	2018	116	PEPE31	Automation in anufacturing
			2018	117	PEPE 22	Design for Manufacturing
			2018	118	PGOP12	Industrial Safety
			2018	119	IECP 02	Simulation Lab - I
			2018	120	PGMC 01	Research Methodology and IPR
			2018	121	IEPE 51	Design and Analysis of Experiments
			2018	122	IEPE 52	System Dynamics
			2018	123	Audit Course	English For Research Paper Writing
			2018	124	Audit Course	Disaster Management
			2018	125	Audit Course	Sanskrit For Technical Knowledge
			2018	126	Audit Course	Value Education
			2018	127	Audit Course	Constitution Of India
			2018	128	PEPE31	Automation in anufacturing
			2018	129	PEPE 22	Design for Manufacturing

2021	1-1422777032	M.Tech (P.E)	2018	130	PGOP12	Industrial Safety
			2018	131	IECP 02	Simulation Lab - I
			2018	132	PGMC 01	Research Methodology and IPR
			2018	133	IEPE 51	Design and Analysis of Experiments
			2018	134	IEPE 52	System Dynamics
			2018	135	Audit Course	English For Research Paper Writing
			2018	136	Audit Course	Disaster Management
			2018	137	Audit Course	Sanskrit For Technical Knowledge
			2018	138	Audit Course	Value Education
			2018	139	Audit Course	Constitution Of India

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Management & Computer Science
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Tirupati-517 502

REGISTRAR
S.V. UNIVERSITY
TIRUPATI.

Prof. M. Srinivasulu Reddy
Director
NAAC Steering Committee
Sri Venkateswara University
Tirupati-517 502

SRI VENKATESWARA UNIVRSITY:: TIRUPATI

DEPARTMENT OF AIHC & ARCHAEOLOGY

2021

1.1.2. Minutes of the Board of Studies Meeting.

Venue: HOD Chamber **Date: 15-12-2021** **Time: 11.00 AM**

Members present:

S.NO	Name of the Faculty Member	Designation
1	**Prof. P. Bhaskar Reddy**	BOS Chairman
2	**Prof. P. Bhaskar Reddy**	HOD Archaeology
3	**Prof. N. Chandramouli**	Member
4	**Prof. P. Rajan**	Member
5	**Prof. Aravinda Kumar**	Member
6	**Dr. T Surendra Reddy**	Member
7	**Dr. M. Prayaga**	Member

Agenda: 1. Finalization of syllabus for M.A., Archaeology for its introduction from the Academic year 2021-2022.
2. Any other item.

Resolutions:

1. The M.A.,Archaeology syllabus prepared as per Outcome Based Education (OBE) has been discussed and by following the suggestions/improvements were incorporated as suggested by members of BOS and External Experts.

2. Under National Educational Policy (NEP), skill development and multidisciplinary courses were introduced at III and IV semester, respectively.

3. Course curriculum contents were discussed at length and M.A.,Archaeology programme syllabus was drafted.

Based on the above considerations, the BOS members unanimously resolved to approve and recommended the Revised Syllabus with effect from the Academic Year 2021-2022.

Signatures:

S.NO	Name of the Faculty Member	Signature
1.	Prof. P. Bhaskar Reddy	
2.	Dr. T Surendra Reddy	
3.	Dr. M. Prayaga	

SRI VENKATESWARA UNIVERSITY : : TIRUPATI

DEPARTMENT OF ANCIENT INDIAN HISTORY OF CULTURAL & ARCHAEOLOGY

Minutes of the Board of Studies Meeting. Date: 15/12/2021

Venue: HOD Chamber Time: 11:00 AM

Members Present

S. No.	Name of the Faculty Member	Designation.
1	**Prof. P. Bhaskar Reddy**	BOS Chairman
2	**Prof. P. Bhaskar Reddy**	HOD Archaeology
3	**Prof. N. Chandramouli**	Member
4	**Prof. P. Rajan**	Member
5	**Prof. Aravinda Kumar**	Member
6	**Dr. T Surendra Reddy**	Member
7	**Dr. M. Prayaga**	Member

Agenda:

1. Finalization of syllabus for M.A., Archaeology for its introduction from the Academic year 2021-2022.
2. Any other item.

Resolutions:

1. AIHC&Archaeology syllabus prepared as per Outcome Based Education (OBE) has been discussed and by following the suggestions/Improvements were incorporated as suggested by members of BOS and External Experts

2. Under National Educational Policy (NEP), skill development and multidisciplinary courses were introduced at III and IV Semester, respectively.

3. Course curriculum contents were discussed at length and AIHC&A programme syllabus was drafted.

S. No.	Title of the Paper	Course Code	Year of Introduction
1	(B) Advanced Archaeological Theory and Research Methodology	105	2021-2022
	(A) History of Indian Archaeology	205	2021-2022
2	(B) Cultural Heritage Management	205	2021-2022
3	B) Early History of South East Asia	206	2021-2022
4	(C) Laboratory Methods in Scientific Archaeology	303	2021-2022
5	Soft Skills in Archaeology	304	2021-2022
	(C) Tour Guiding and Management		2021-2022
6	(D) Conservation of Cultural Property	403	2021-2022
7	History of Science and Technology in Ancient India	404	2021-2022
8	(B)History of Vijayanagara Empire	405	2021-2022

Based on the above considerations, the BOS members unanimously resolved approved and recommended the revised syllabus with effect from the Academic Year 2021-2022.

Signatures:

S. No.	NAME OF THE FACULTY MEMBER	SIGNATURE
1	**Prof. P. Bhaskar Reddy**	
2	**Prof. P. Bhaskar Reddy**	
3	**Prof. N. Chandramouli**	
4	**Prof. P. Rajan**	
5	**Prof. Aravinda Kumar**	
6	**Dr. T Surendra Reddy**	
7	**Dr. M. Prayaga**	

S.V.U COLLEGE OF ARTS

SRI VENKATESWARA UNIVERSITY: TIRUPATI

Course

ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY

Choice Based Credit System (CBCS)

2021-2022

NEP-2020

RESTRUCTURED CURRICULUM FOR AIHC & Archaeology (REGULAR) PROGRAMME

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMICYEAR 2017-2018

S.V. UNIVESITY, TIRUPATI
SVU COLLEGE OF ARTS
DEPARTMENT OF ANCIENT INDIAN HISTORY CULTURE & ARCHAEOLOGY
COURSE : M.A - AIHC & Archaeology
CBCS Pattern (With effect from 2021-2022)
The Courses of Study and the Scheme of Examinations

FIRST SEMESTER

S. No.	Course Code	Components of Study	Title of the Paper	Contact hours	Credits	Internal Assessment Marks	End Semester Exam Marks	Total
1	AIHC&A-101	Core-Theory	History of Ancient India upto 550 A.D.	6	4	20	80	100
2	AIHC&A-102	Core-Theory	History of India from 1206 A.D. to 1526 A.D.	6	4	20	80	100
3	AIHC&A-103	Core-Theory	History of Andhrasupto 1323 A.D.	6	4	20	80	100
4	AIHC&A-104	Core-Theory	Ancient World Civilizations.	6	4	20	80	100
5	AIHC&A-105 AIHC&A-105	Compulsory Foundation *	(A) Principles and Methods of Archaeology. (B) Advanced Archaeological Theory and Research Methodology	6	4	20	80	100
6	AIHC&A-106	Elective Foundation *	(A) Social and Political Institutions in Ancient India (B) Indian Religious Movements.	6	4	20	80	100
			Total:	**36**	**24**	**120**	**480**	**600**
7	AIHC&A-107	Audit Course*	Human Values and Professional Ethics-I.	**0**	**0**	**100**	**-**	**-**

* All **Core** Papers are **Mandatory**
*Compulsory Foundation – Choose **One** paper
*Elective Foundation - Choose **ONE**
*Audit Course – 100 Marks (Internal) – Zero Credits under self-study
*Interested students may register for MOOC with the approval of the concerned DDC but it will considered for the award of the grade as open elective only given extra credits

	SECOND SEMESTER							
S. No.	**Course Code**	**Components of Study**	**Title of the Paper**	**Contact hours**	**Credits**	**Internal Assessment Marks**	**End Semester Exam Marks**	**Total**
1	AIHC&A-201	Core-Theory	History of India from 550 A.D to 1206 A.D.	6	4	20	80	100
2	AIHC&A-202	Core-Theory	History of Medieval India from 1526 A.D to 1707 A.D.	6	4	20	80	100
3	AIHC&A-203	Core-Theory	History of South India from 1323 A.D. to 1724 A.D.	6	4	20	80	100
4	AIHC&A-204	Core-Theory	Pre and Proto Historic Cultures of India	6	4	20	80	100
5	AIHC&A-205 (A) AIHC&A-205 (B)	Compulsory Foundation*	(A) History of Indian Archaeology (B) Cultural Heritage Management	6	4	20	80	100
6	AIHC&A-206 (A) AIHC&A-206(B)	Elective Foundation *	(A)India's Early Cultural Contacts with other Countries (B) Early History of South East Asia	6	4	20	80	100
			Total:	**36**	**24**	**120**	**480**	**600**
7	AIHC&A -207	Audit Course	Human Values and Professional Ethics-II	**0**	**0**	**100**	**-**	**-**

	* All **Core** Papers are **Mandatory** *Compulsory Foundation – Choose **One** paper *Elective Foundation - Choose **ONE** *Audit Course – 100 Marks (Internal) – Zero Credits under self study *Interested students may register for MOOC with the approval of the concerned DDC but it will considered for the award of the grade as open elective only given extra credits.

THIRD SEMESTER								
S. No.	**Course Code**	**Components of Study**	**Title of the Paper**	**Contact hours**	**Credits**	**Internal Assessment Marks**	**End Semester Exam Marks**	**Total**
1	AIHC&A-301	Core-Theory	History of Indian Architecture	6	4	20	80	100
2	AIHC&A-302	Core-Theory	Epigraphy	6	4	20	80	100
3	AIHC&A-303(A)	Generic Elective * (Related to subject)	(A) History of Modern Andhra from 1724 A.D. to1956 A.D.	6	4	20	80	100
	AIHC&A-303(B)		(B) Historiography and Historical Method					
	AIHC&A-303(C)		(C) Laboratory Methods in Scientific Archaeology	6	4	20	80	100
	AIHC&A-303(D)		(D) Temple Studies					
4	AIHC&A -304	Skill Oriented Course	Soft Skills in Archaeology	6	4	20	80	100
5	AIHC&A-305(A)	Open Elective * (For other Departments)	(A) Outlines of Indian History	6	4	20	80	100
	AIHC&A-305(B)		(B) Women in Indian History					
			Total:	**36**	**24**	**120**	**480**	**600**
	* All **Core** Papers are **Mandatory** ***Generic Elective** – Choose **Two** papers ***Skill Oriented** course is **Mandatory** ***Open Electives** are for the Students of other Departments. Minimum **One Paper** should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study. *Interested students may register for MOOC with the approval of the concerned DDC.							
FOURTH SEMESTER								

S. No.	Course Code	Components of Study	Title of the Paper	Contact hours	Credits	Internal Assessment Marks	End Semester Exam Marks	Total
1	AIHC&A-401	Core-Theory	History of Indian Art	6	4	20	80	100
2	AIHC&A-402	Core-Theory	Numismatics	6	4	20	80	100
3	AIHC&A-403(A)	Generic Elective* (Related to subject)	(A) Museology	6	4	20	80	100
	AIHC&A-403(B)		(B) Historical Applications in Tourism	6	4	20	80	100
	AIHC&A-403(C)		(C) Tour Guiding and Management					
	AIHC&A-403(D)		(D) Conservation of Cultural Property					
4	AIHC&A-404	Multidisciplinary Course/Project Work	History of Science and Technology in Ancient India	6	4	20	80	100
5	AIHC&A-405(A)	Open Elective * (For other Departments)	(A) Introduction to Indian Archaeology	6	4	20	80	100
	AIHC&A-405(B)		(B)History of Vijayanagara Empire					
			Total:	**36**	**24**	**120**	**480**	**600**

* All **Core** Papers are **Mandatory**
*Generic Elective – Choose **Two** papers
*Multidisciplinary/ Project Work is **Mandatory**
*Open Electives are for the Students of other Departments. Minimum One Paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self-study.
*Interested students may register for MOOC with the approval of the concerned DDC.

1·2

SRI VENKATESWRA UNIVERSITY:: TIRUPATI

Dr. J.M.J. VOINODINI
M.A., Ph.D.
Assistant Professor
Chairman, Board of Studies
Dept., of Econometrics
S.V. University College of Arts
Tirupati – 517 502.

vijayarathnam1@gmail.com
Ph. No. 86397 02078.

Date: 17-11-2021.

To

The Registrar
S. V. University
TIRUPATI – 517 502

Respected Sir,

Sub: Department of Econometrics – Submission of Revised syllabus & Model Question papers relating to P.G program concerned as per NEP : 2020 Guide lines and also sending eligibility criteria for Open elective paper - Reg.

Ref: your lr. No.C-II(A,B,&F)/P.G-Revise Syllabus/NEP-2021, Dt. 01-10- 2021 & 06-11-2021.

***

With reference to the subject cited above, I herewith, submit the Revised Syllabus & Model Question Papers relating to P.G program concerned as per NEP : 2020 Guide lines for introducing the skill Oriented course in 3rd Semester and multidisciplinary Course /Project work in 4th Semester as per Action plan of the NEP-2020, by keeping 24 Credits per Semester (4 Credits each paper) and a total of 96 Credits for the entire P.G. programme and also sending eligibility criteria for Open elective paper in the department of Econometrics for the academic year 2021-2022.

Hence, I request you to take necessary action.

Thank you sir

Yours Sincerely,

(Dr. J.M.J. VOINODINI)
Chairman, Board of Studies
BOS Chair Person
Dept. of Econometrics
S.V. University

Copy to the Head, Department of Econometrics, SV University, Tirupati.

HEAD
DEPARTMENT OF ECONOMETRICS
S.V. UNIVERSITY COLLEGE
TIRUPATI-517 502

SRI VENKATESWARA UNIVERSITY::TIRUPATI
DEPARTMENT OF ECONOMETRICS

From	To
Dr. J.M.J. VOINODINI Chairman, BOS Dept. of Econometrics S.V.U. College of Arts, Tirupati	The Controller of Examinations S.V. University Tirupati

EMT/BOS/2021-2022

Date: 17-11-2021.

Sir,

Sub: **Minutes** of the Department of Econometrics –Revised syllabus & Model Question papers relating to P.G program concerned as per NEP : 2020 Guide lines & Open elective paper - Reg.

****

The internal members of the Board of Studies met on 17-11-2021 approved and resolved Revised syllabus & Model Question papers relating to P.G program concerned as per NEP : 2020 Guide lines and eligibility criteria for Open elective paper in Econometrics from the Academic years 2021-2022.

MEMBERS PRESENT:

1. J.M.J. VINODINI - Chairman
2. K. SUNEETHA H.O.D. - Member

Thanking you

yours faithfully,

(Dr. J.M.J. VOINODINI)
Chairman, BOS
BOS Chair Person
Dept. of Econometrics
S.V. University

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
DEPARTMENT ECONOMETRICS

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

S.No	Name of the Programme	Courses Revised
1	**ECONOMETRICS**	EMT- 105(b) Introduction to Econometrics EMT-105 (c): Agricultural Economics EMT-106 (a) : Entrepreneurship and Skill Development EMT-106 (b): Environmental Economics EMT-205 (b) : Actuarial Statistics EMT-205 (c) : Women and Economic Development EMT-206 (a) :Public Finance EMT-206(b): Industrial Economics EMT- 207: Human Values and Professional Ethics II EMT- 303(b): Applied Econometrics EMT- 303(c): Economics of Development and Planning EMT-304 : Personality Development EMT- 403(c): Indian Economy EMT-404: Freedom Movement In India, 1857 – 1947

BOS Chairman

BOS Chair Person
Dept. of Econometrics
S.V. University

HOD

HEAD
DEPARTMENT OF ECONOMETRICS
S.V. UNIVERSITY COLLEGE
TIRUPATI-517 502

Member

Member

DEPARTMENT OF ECONOMETRICS

S.V.U. COLLEGE OF ATRS

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR M.A. ECONOMETRICS(REGULAR) PROGRAMME TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

SYLLABUS

Choice Based Credit System (CBCS)

December-2021

Semester - I

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	EMT-101	Mandatory	Microeconomic Theory- I	6	4	20	80	100
2		EMT-102	Mandatory	Macroeconomic Theory- I	6	4	20	80	100
3		EMT-103	Mandatory	Mathematical Methods	6	4	20	80	100
4		EMT-104	Mandatory	Practical-I	6	4	20	80	100
5	Compulsory Foundation	EMT-105(a)	Optional -1	Statistical Methods	6	4	20	80	100
		EMT- 105(b)		Introduction to Econometrics					
		EMT-105 (c)		Agricultural Economics					
6	Elective Foundation	EMT-106 (a)	Optional -1	Entrepreneurship and Skill Development	6	4	20	80	100
		EMT-106 (b)		Environmental Economics					
		EMT-107		HumanValuesandProfessional Ethics–I					
	Total				**36**	**24**	**120**	**480**	**600**
	Audit Course-I				0	0	100	0	0

***All CORE Papers are Mandatory**

- **Compulsory Foundation - Choose one Paper**
- **Elective Foundation - Choose one Paper**
- **Audit Course – 100 Marks (Internal) – Zero Credits under self study**
- **Interested students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits**.

Semester - II

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	EMT- 201	Mandatory	Microeconomic Theory II	6	4	20	80	100
2		EMT- 202	Mandatory	Macroeconomic Theory II	6	4	20	80	100
3		EMT- 203	Mandatory	Basic Econometrics	6	4	20	80	100
4		EMT- 204	Mandatory	Practical II	6	4	20	80	100
5	Compulsory Foundation	EMT-205(a)	Optional -1	Mathematical Economics	6	4	20	80	100
		EMT-205 (b)		Actuarial Statistics					
		EMT-205 (c)		Women and Economic Development					
6	Elective Foundation	EMT-206 (a)	Optional -1	Public Finance	6	4	20	80	100
		EMT-206(b)		Industrial Economics					
		EMT- 207		Human Values and Professional Ethics II					
	Total				**36**	**24**	**120**	**480**	**600**
	Audit Course-II				0	0	100	0	0

***All CORE Papers are Mandatory**

- **Compulsory Foundation - Choose one Paper**
- **Elective Foundation - Choose one Paper**
- **Audit Course – 100 Marks (Internal) – Zero Credits under self study**
- **Interested students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

Semester - III

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	EMT- 301	Mandatory	AdvancedEconometrics	6	4	20	80	100
2		EMT- 302	Mandatory	ComputerApplicationsand Data Analysis	6	4	20	80	100
3		EMT- 303(a)	Mandatory	Practical-III	6	4	20	80	100
4	Generic Elective Practical - I	EMT- 303(b)	Optional -1	Applied Econometrics	6	4	20	80	100
		EMT- 303(c)		EconomicsofDevelopment and Planning					
		EMT-303(d)		FinancialInstitutionsandMarkets					
5	Skill Oriented Course	EMT-304	Mandatory	Personality Development	6	4	20	80	100
6	Open Elective	EMT-305(a)	Optional -1	IndianEconomy	6	4	20	80	100
		EMT-305(b)		Economics ofInsurance					
	Total				36	24	120	480	600

***All CORE Papers are Mandatory**

- **Generic Elective - Choose One**
- **Skill Oriented Course is Mandatory. Circle formation with other subjects/Dept. of Arts/Business and Management**
- **Open Electives are for the Students of other Departments. Minimum One paper should be opted. Extra credits may be earned by opting for more number of Open Electives depending on the interest of the student through self study.**
- **Interested students may register for MOOC with the approval of the concerned DDC.**

Semester - IV

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	EMT- 401	Mandatory	TimeSeriesEconometrics	6	4	20	80	100
2		EMT- 402	Mandatory	OptimizationTechniquesin Economics	6	4	20	80	100
3	Generic Elective	EMT- 403(a)	Optional-2	Practical-IV	6	4	20	80	100
		EMT- 403(b)		InternationalTradeand Finance	6	4	20	80	100
		EMT- 403(c)		IndianEconomy					
		EMT- 403(d)		Project					
4	Multi-Disciplinary Course	EMT-404	Mandatory (Theory)	Freedom Movement In India, 1857 – 1947	6	4	20	80	100
5	Open Elective	EMT-405(a)	Optional-1	OptimizationTechniquesin Economics	6	4	20	80	100
		EMT-405(b		Data Base for the Indian Economy					
	Total				36	24	120	480	600

***All CORE Papers are Mandatory**

- **Generic Elective - Choose Two**
- **Core papers and Generic Elective opted Paper held Practical-IV**
- **Multi-disciplinary course is Mandatory. Circle formation with other subjects/Dept. of Arts/History**
- **Open Electives are for the Students of other Departments. Minimum One paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study.**
- **Interested students may register for MOOC with the approval of the concerned DDC.**

Prof. M. DEVARAJULU
Chairman
Board of Studies
Dept. of Economics

SVU College of Arts
Tirupati - 517 502
Ph: 0877 - 22 89 443

No SVUCA Economics Revised Syllabus 2021 Date: 24.01.2022

To

The Registrar
SV University
Tirupati.

THROUGH PROPER CHANNEL

Sir,

Sub: SVUCA – Dept. of Economics– Revised Syllabi in PG level Course - Submission - Reg.

Ref: Your Lr. No. C-II(A,B &F)/PG-Revise Syllabi/NEP-2021, dated 01.10.2021.

* * *

With reference to letter cited above, as per the guideline of NEP-2020, the Department of Economics has constituted a Core Committee with Senior Teachers of the subjects concerned for updating the syllabi in PG level course (Dept. of Economics).

Further, I am herewith sending the Revised Syllabi (2 hard copies) in PG level course (Dept. of Economics) along with soft copy (CD) duly signed by the Chairman, Board of Studied in Economics, SVU College of Arts, Tirupati for the implementation of the same from the academic year 2021-22 along with DDC resolution.

This is for your information and necessary action.

Thanking you,

Yours faithfully,

HEAD
DEPARTMENT OF ECONOMICS
S. V. U. COLLEGE OF ARTS
TIRUPATI-517 502

CHAIRMAN, BOS
Dept. of Economics
S. V. U. College of Arts
Sri Venkateswara University
TIRUPATI-517 502, A.P.

Encls: 1. DDC resolution.
2. Revised Syllabi (Hard & Soft Copies)

Copy to the Head, Dept. of Economics, SVU College of Arts, Tirupati.
Copy to the Principal, SVU College of Arts, Tirupati.
Copy to file.

SVU COLLEGE OF ARTS, TIRUPATI

DEPARTMENT OF ECONOMICS

DEPARTMENTAL DEVELOPMENT COUNCIL (DDC)

The Departmental Development Council of Economics met on 24.01.2022 at 11.30 AM in the chambers of the Head, Dept. of Economics, SVU College of Arts and made the following resolutions.

Members Present:

1. Prof. M. Devarajulu, BOS
2. Prof. D. Krishnamoorthy
3. Dr. R. Suneetha, Head
4. Dr. K. Radhika

REOLUTION:

It is unanimously approved the revised Syllabi in PG course ie MA Economics from academic year 2021-22 onwards.

Members:	**Signature**
1. Prof. M. Devarajulu	
2. Prof. D. Krishnamoorthy	
3. Dr. R. Suneetha	
4. Dr. K. Radhika	

HEAD
DEPARTMENT OF ECONOMICS
S. V. U. COLLEGE OF ARTS
TIRUPATI-517 502

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF ECONOMICS

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

S.No	Name of the Programme	Programme Code	Name of courses Revised
1	M.A. Economics (R & SS)	108	**FIRST SEMESTER:** 1. 105 (a) Fundamentals of Computers 2. 105 (b) Urban Economics 3. 105 (c) Welfare Economics 4. 106 (a) Economics of Environment 5. 106 (b) Demography **SECOND SEMESTER:** 6. 205 (a) International Trade Theory & Policy 7. 205 (b) Economics of Infrastructure 8. 205 (c) Introduction of Information Technology 9. 206 (a) Basic Econometrics 10. 206 (b) Economics of Tourism **THIRD SEMESTER:** 11. 304 Communication & Soft Skills 12. 305 (a) Andhra Pradesh Economy 13. 305 (b) Agricultural Economics **FOURTH SEMESTER:** 14. 403 (a) India's Economics Reforms 15. 403 (b) Entrepreneurship & Skill Development 16. 403 (c) Labour Economics 17. 403 (d) Economics of Insutrance 18. 404 Human Resource & Sustainable Development 19. 405 (a) Human Resource Development 20. 405 (b) Planning in India & Indian Economy

BOS Chairman
PROF. M. DEVARAJULU
M.A.(Eco),M.A.(Ecot),M.Phil., Ph.D.,
Professor, Dept. of Economics
Sri Venkateswara University
TIRUPATI-517 502, (A.P.)

HOD
HEAD
DEPARTMENT OF ECONOMICS
S. V. U. COLLEGE OF ARTS
TIRUPATI-517 502

Member

Member

DEPARTMENT OF ECONOMICS

PO / PSO / Cos
of
M.A. ECONOMIC PROGRAMME

SVU COLLEGE OF ARTS

SRI VENKATESWARA UNIVERITY

TIRUAPTI – 517 501.

RESTRUCTURED CURRICULUM FORM.A. ECONOMICS (REGULAR& SS) PROGRAMMES

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMICYEAR 2021-2022

Sl. No.	Components of Study		Title of the Course	Credit Hrs/ Week	No. of Credits	Internal Marks	Sem End Exam Marks	Total	Page No.
First Semester									
1.	Core	101	Micro-Economic Analysis – I	06	04	20	80	100	01
2.		102	Macro-Economic Analysis - I	06	04	20	80	100	03
3.		103	Public Economics	06	04	20	80	100	05
4.		104	Mathematical Methods in Economics	06	04	20	80	100	07
5.	Compulsory Foundation (opt ONE)	105(a)	* Fundamentals of Computer	06	04	20	80	100	09
		105(b)	Urban Economics						11
		105(c)	Welfare Economics						13
6.	Elective Foundation (opt ONE)	106(a)	Economics of Environment	06	04	20	80	100	15
		106(b)	Demography						17
TOTAL				**36**	**24**	**120**	**480**	**600**	
7.	Audit Course	107	Human Values and Professional Ethics -I	00	00	100	--	--	19
Second Semester									
1.	Core	201	Micro-Economic Analysis – II	06	04	20	80	100	23
2.		202	Macro-Economic Analysis - II	06	04	20	80	100	25
3.		203	Federal Finance	06	04	20	80	100	27
4.		204	Statistical Methods in Economics	06	04	20	80	100	29
5.	Compulsory Foundation (opt ONE)	205(a)	International Trade: Theory and Policy	06	04	20	80	100	31
		205(b)	Economics of Infrastructure						33
		205(c)	Introduction to Information Technology						35
6.	Elective Foundation (opt ONE)	206(a)	Basic Econometrics	06	04	20	80	100	37
		206(b)	Economics of Tourism						39
TOTAL				**36**	**24**	**120**	**480**	**600**	
7.	Audit Course	207	HumanValues and Professional Ethics -II	00	00	100	--	--	41
Third Semester									
1.	Core	301	Economics of Growth and Development	06	04	20	80	100	45
2.		302	Indian Economy	06	04	20	80	100	47
3. & 4.	Generic Elective (Opt **TWO**)	303 (a)	International Finance	06	04	20	80	100	49
		303 (b)	Production Economics and Farm Management	06	04	20	80	100	51
		303 (c)	Industrial Economics						53
		303 (d)	Women and Economic Development						55
5.	Skill Oriented Course (Compulsory)	304	Communication and Soft Skills	06	04	20	80	100	57
6.	Open Elective (opt **One**)	305 (a)	Andhra Pradesh Economy	06	04	20	80	100	59
		305 (b)	Agricultural Economics						61
TOTAL				**36**	**24**	**120**	**480**	**600**	
Fourth Semester									
1.	Core	401	Rural Development	06	04	20	80	100	65
2.		402	Financial Institutions and Markets	06	04	20	80	100	67
3. & 4.	Generic Elective (Opt **TWO** Papers)	403 (a)	India's Economic Reforms	06	04	20	80	100	69
		403 (b)	Entrepreneurship and Skill Development	06	04	20	80	100	71
		403 (c)	Labour Economics						73
		403 (d)	Economics of Insurance						75
5.	Skill Oriented Course (Compulsory)	404	Human Resource and Sustainable Development	06	04	20	80	100	77
6.	Open Elective (opt **One**)	405 (a)	Human Resource Development	06	04	20	80	100	79
		405 (b)	Planning in India and Indian Economy						81
TOTAL				**36**	**24**	**120**	**480**	**600**	

DEPARTMENT Of EDUCATION
SVU COLLEGE OF ARTS
SRI VENKATESWARA UNIVERSITY:: TIRUPATI

Certified that the syllabus of the following list of programs have been revised during the academic year 2021-2022

S.No.	Name of the Programme	Programme Code	Title of the Paper
1	M.Ed	I Semester --- Paper I	Perspectives of Educational Psychology
2	M.Ed	I Semester -- Paper VII	Human Values and Professional Ethics -I
3	M.Ed	III Semester – Paper V	Life Skills Education
4	M.Ed	IV Semester – Paper IV	Human Values and Professional Ethics-II

BOS Chairman **HOD** **Member** **Member** **Member** **Member**

Prof. G. Janakiramaiah
CHAIRMAN
BOARD OF STUDIES IN EDUCATION (Combined)
Department of Education
SRI VENKATESWARA UNIVERSITY
TIRUPATI - 517 502

HEAD
DEPARTMENT OF EDUCATION
S.V. UNIVERSITY
TIRUPATI-517 502, A.P.

PRINCIPAL
INSTITUTE OF ADVANCED STUDY IN EDUCATION
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502, (A.P.)

SRI VENKATESWARA UNIVERSITY

DEPARTMENT OF EDUCATION

TIRUPATI – 517 502

TWO YEAR DEGREE OF MASTER OF EDUCATION-REGULAR PROGRAMME

2021-2022

Chairman BOS in Education (Comb),Dept.of Education
S.V.University, Tirupati

- Apart from the 6 weeks in the various inter-semester breaks, 3 weeks to be allocated to the field attachment and internship.
- Each year is to put in at least 200 working days exclusive of the days of admissions and inclusive of examination days.

Semester-wise Curriculum Organisation
Semester – I

S.No.	Components of Study		Title of the Course	Contact hours	No. of Credits	IA Marks	End SEM Exam Marks	Total
1.	Core-Theory	1.	Perspectives of Educational Psychology	**6**	**4**	**20**	**80**	**100**
2.	Core-Theory	2.	Educational Studies	**6**	**4**	**20**	**80**	**100**
3.	Core-Theory	3.	Fundamentals of Educational Research	**6**	**4**	**20**	**80**	**100**
4.	Core-Theory	4.	Teacher Education	**6**	**4**	**20**	**80**	
5.	Compulsory Foundation **(Related to Subject)**	5.	Foundations of Educational Philosophy	**6**	**4**	**20**	**80**	**100**
6.	Elective Foundation	6 a.	Measurement and Evaluation	**6**	**4**	**20**	**80**	**100**
		6 b.	Curriculum Studies					
	Total			**36**	**24**	**120**	**480**	**600**
Inter-Semester Break (ISB) -1								
1.	Core Practicum		Communication Skills		**1**	**25**		**25**
2.	Core Practicum		Expository Writing		**1**	**25**		**25**
3.	Core Practicum		Self development		**1**	**25**		**25**
4.	Tool Practicum		Dissertation –		**1**	**25**		**25**

Chairman BOS in Education (Comb),Dept.of Education
S.V.University, Tirupati

		Review of Research Studies and Identification of Research Problem					
5.	**Total**			**4**	**100**		**100**
Grand Total				**28**	**220**	**480**	**700**

Semester – II

S.No.	**Components of Study**		**Title of the Course**	**Contact hours**	**No. of Credits**	**IA Marks**	**End SEM Exam Marks**	**Total**
1.	Core-Theory	1.	Educational Planning and Management	**6**	**4**	**20**	**80**	**100**
2.	Core-Theory	2.	Advanced Educational Research	**6**	4	**20**	**80**	**100**
3.	Core-Theory	3.	Guidance and Counseling	**6**	4	**20**	**80**	**100**
4.	Core-Theory	4.	Issues and Research in Teacher Education	**6**	4	**20**	**80**	**100**
5.	Compulsory Foundation **(Related to Subject)**	5.	Foundations of Educational Sociology	**6**	4	**20**	**80**	**100**
6.	Elective Foundation	6 a.	Elementary Education	**6**	4	**20**	**80**	**100**
		6 b.	Secondary Education					
	Total			**36**	**24**	**120**	**480**	**600**
Inter-Semester Break (ISB) -1I								
1.	Tool Practicum		Dissertation – Research Proposal Presentation		**2**	**50**		**50**
2.	Teacher Education		Internship in Teacher		**4**	**100**		**100**

Chairman BOS in Education (Comb),Dept.of Education
S.V.University, Tirupati

	Practicum	Education Institutions					
3.	**Total**			**6**	**150**		**150**
Grand Total				**30**	**270**	**480**	**750**

Semester – III

S.No.	Components of Study		Title of the Course	Contact hours	No. of Credits	IA Marks	End SEM Exam Marks	Total
1.	Core-Theory	1.	Information and Communication Technology in Education	**6**	**4**	**20**	**80**	**100**
2.	Core-Theory	2.	Comparative Education	**6**	4	**20**	**80**	**100**
3.	Core-Theory	3.	Inclusive Education	**6**	4	**20**	**80**	**100**
4.	Generic Elective **(Related to Subject)**	4 a.	Economics of Education	**6**	4	**20**	**80**	**100**
		4 b.	Special Education	**6**	4	**20**	**80**	**100**
		4 c.	Environmental Education	**6**	4	**20**	**80**	**100**
		4 d.	Life Skills Education					
	Total			**36**	**24**	**120**	**480**	**600**
5.	Open Elective **(For other Departments)**	5 a.	Teaching Strategies for Teachers	**6**	4	**20**	**80**	**100**
		5 b.	Value Education					
		5 c.	Human Rights Education					
Among four generic electives a students shall choose three								
Inter-Semester Break (ISB) – III								
1.	Tool Practical		Dissertation – Data Collection		**2**	**50**		**50**

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S.V.University, Tirupati

2.	Specialization Practical	Internship in Specialization		**4**	**100**		**100**
3.	**Total**			**6**	**150**		**150**
Grand Total				**30**	**270**	**480**	**750**

Semester – IV

S.No.	**Components of Study**		**Title of the Course**	**Contact hours**	**No. of Credits**	**IA Marks**	**End SEM Exam Marks**	**Total**
1.	Core-Theory	1.	Advanced Educational Technology	**6**	**4**	**20**	**80**	**100**
2.	Core-Theory	2.	Psychology – Learner and Life	**6**	4	**20**	**80**	**100**
3.	Core-Theory	3.	Environmental Concerns in Secondary Education	**6**	4	**20**	**80**	**100**
4.	Generic Elective **(Related to Subject)**	4 a.	Human Values and Professional Ethics	**6**	4	**20**	**80**	**100**
		4 b.	Lifelong Education	**6**	4	**20**	**80**	**100**
		4 c.	Education for Rural Development	**6**	4	**20**	**80**	**100**
		4 d.	Early Childhood Education					
	Total			**36**	**24**	**120**	**480**	**600**
5.	Open Elective **(For other Departments)**	5 a.	Personality Development and Soft Skills	**6**	4	**20**	**80**	**100**
		5 b.	Yoga Education					
		5 c.	Education for International Peace					
Among four generic electives a students shall choose three								
Inter-Semester Break (ISB) – IV								
1.			Dissertation – Report writing		**6**	**Internal and External Average 150**		**150**
2.			Viva Voce		**2**		**50**	**50**

Chairman BOS in Education (Comb),Dept.of Education
S.V.University, Tirupati

3.	**Total**		**8**		**200**	**200**
Grand Total			**28**	**120**	**680**	**800**

Four Semesters Total Marks

Semesters	Internal Marks	External Marks	Total
I	220	480	700
II	270	480	750
III	270	480	750
IV	120	680	800
Total	**880**	**2120**	**3000**

Allotment of Credits and Activities in Inter Semester Breaks (ISB)

Inter Semester Break 1			
S. No	Activities	Credits	Marks
M.Ed ISB 1.1	**Communication Skills** ➢ Talk (or) Group Discussion. ➢ Introduction / Presentation of a Book (or) Article.(Book Review) ➢ Addressing the Assembly in a College. ➢ Conversation ➢ Role play (Group – Each individual is assessed) ➢ Self introduction ➢ Introducing Eminent / Inspiring/ Role model personalities. ➢ Latest trends / present issues. ➢ Hindu News paper Article Reading.	1 credit	25
M.Ed ISB 1.2	**Expository Writing** ➢ Creative Writing ➢ Books & Article (Write Up) ➢ Description of places visited. ➢ Writing to an Editor ➢ Writing to the District Collector ➢ Writing about an event / a happening. ➢ TV Script Writing	1 credit	25

Chairman BOS in Education (Comb),Dept.of Education
S.V.University, Tirupati

S.V. UNIVERSITY COLLEGE OF ARTS:: TIRUPATI
DEPARTMENT OF ENGLISH

Date: 02.11.2021

An online meeting with the External Board of Studies Members was held on 02/11/2021 at 11.30 A.M in the department.

All the faculty members were present. The revised syllabus based on NEP guidelines 2021, based on orders of the Registrar, have been addressed to

External Members:

Prof RATHA SHEILA MANI,	Acharya Nagarjuna University, Guntur
Prof HARI PADMA RANI,	SPMVV were present online

Members of the Department:

Prof. G M SUNDARAVALLI	:	(on Leave)
Prof P USHA RANI	:	Usharani P.
Prof T SARADA (Chairperson, BOS)	:	T. Sarada
Prof P. KUSUMA HARINATH (HEAD)	:	Kusumahari
Prof K SUMAKIRAN	:	K. Sumakiran

Minutes:

1) Resolved to upgrade the syllabus as per the NEP 2020
2) The modifications made by the department in the syllabus were accepted
3) The expert suggestions given by the two external members have been incorporated to the best.

Thank you

Yours sincerely

T. Sarada

(T. SARADA)

Prof. T. SARADA
Chairperson
Board of Studies, Dept. of English,
S.V. University, TIRUPATI-517 502

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
DEPARTMENT OF ENGLISH

Resolved to add New papers during the Academic Year 2021-22 according to NEP-2020

I Semester

Course code	Name of the Course
ENG 105A	English Language and Linguistics
ENG 105B	Rhetoric, Discourse and Writing
ENG 105C	Classical Criticism
ENG 106A	American Literature
ENG 106B	Technical Communication

II Semester

Course code	Name of the Course
ENG 202	Shakespearean Studies
ENG 204	Literary Masterpieces
ENG 205B	New Literatures in English (excluding Indian Literature in English)
ENG 205C	Black Literatures
ENG 206A	Post-Colonial Studies
ENG 206B	Landmarks in World Drama (Excluding Britain)

III Semester

Course code	Name of the Course
ENG 303A	World Classics in English Translation
ENG 304	Communication, Soft Skills & Etiquette

IV Semester

Course code	Name of the Course
ENG 401	Indian Writing in English -II
ENG 402	Literary Criticism and Theory
ENG 403A	Green Cultural Studies
ENG 403B	Award Winning Works and Writers
ENG 403D	Cultural Studies
ENG 404	India & Literary Creativity
ENG 405B	Indian Literature in English Translation

Ushaparni P. K. Sumathram

HEAD
Department of English
SVU College of Arts
TIRUPATI - 517 502

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DEPARTMENT OF ENGLISH

COLLEGE OF ARTS

SRI VENKATESWARA UNIVERSITY

TIRUPATI

RESTRUCTURED CURRICULUM FOR

M.A ENGLISH (REGULAR) PROGRAMME

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC

YEAR 2021-2022

SYLLABUS

Choice Based Credit System (CBCS)

(With effect from the batch admitted in the academic year 2021-22)

SRI VENKATESWARA UNIVERSITY: TIRUPATI

SVU COLLEGE OF ARTS
DEPARTMENT OF ENGLISH

(Revised Scheme of Instruction and Examination, Syllabus etc., under CBCS Regulations – 2016 is Amended as per NEP-2020)
(With effect from the batch admitted in the academic year 2021-22)

M.A. ENGLISH

SEMESTER – I

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	ENG 101	Poetry-I (From Chaucer to Browning)	6	4	Core-Theory	20	80	100
2	ENG 102	Drama (From Marlowe to Beckett)	6	4		20	80	100
3	ENG 103	Fiction-I (From Fielding to Dickens)	6	4		20	80	100
4	ENG 104	Prose- (From Bacon to Woolf)	6	4		20	80	100
5	ENG 105A	English Language and Linguistics	6	4	*CF	20	80	100
	ENG 105B	Rhetoric, Discourse and Writing	6	4		20	80	100
	ENG 105C	Classical Criticism	6	4		20	80	100
6	ENG 106A	American Literature	6	4	*EF	20	80	100
	ENG 106B	Technical Communication	6	4		20	80	100
Total			**36**	**24**		**120**	**480**	**600**
7	ENG 107	Human Values and Professional Ethics	0	0	Audit Course	100	--	--

- **All core papers are Mandatory**
- ***Compulsory foundation – Choose any one**
- ***Elective Foundation - Choose any one Paper**
- **Audit course – 100 Marks (Internal) – Zero Credit under self study**
- **** Interested student may register for MOOCS with the approval of DDC**

SEMESTER – II

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	ENG 201	Poetry- (Classical and Twentieth Century)	6	4	Core-Theory	20	80	100
2	ENG 202	Shakespearean Studies	6	4		20	80	100
3	ENG 203	Fiction II (Twentieth Century)	6	4		20	80	100
4	ENG 204	Literary Masterpieces	6	4		20	80	100
5	ENG 205A	English Language Teaching	6	4	*CF	20	80	100
	ENG 205B	New Literatures in English (excluding Indian Literature in English)	6	4		20	80	100
	ENG 205C	Black Literatures	6	4		20	80	100
6	ENG 206A	Post Colonial Studies	6	4	*EF	20	80	100
	ENG 206B	Landmarks in World Drama (Excluding Britain)	6	4		20	80	100
Total			**36**	**24**		**120**	**480**	**600**
7	ENG 207	Human Values and Professional Ethics	0	0	Audit Course	100	--	--

- **All core papers are Mandatory**
- ***Compulsory foundation – Choose any one**
- ***Elective Foundation - Choose any one Paper**
- **Audit course – 100 Marks (Internal) – Zero Credit under self study**
- **** Interested student may register for MOOCS with the approval of DDC**

SEMESTER – III

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	ENG 301	Indian Writings in English -I	6	4	Core-Theory	20	80	100
2	ENG 302	Literary Criticism	6	4		20	80	100
3	ENG 303A	World Classics in English Translation	6	4	Generic Elective	20	80	100
	ENG 303B	Short Story						
	ENG 303C	Women's Writings	6	4		20	80	100
	ENG 303D	Comparative Literature						
4	ENG 304	Communication, Soft Skills & Etiquette	6	4	Skill Oriented	20	80	100
5	ENG 305A	Communicative English	6	4	Open Elective	20	80	100
	ENG 305B	English for Media						
Total			**36**	**24**		**120**	**480**	**600**

- **All core papers are Mandatory**
- **Generic Elective – Student has to choose any Two Paper**
- **Skill oriented Course is mandatory**
- **Open Elective are for the students of other Departments, Minimum one paper should be opted, extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study**
- **** Interested student may register for MOOCS with the approval of DDC**

SEMESTER – IV

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	ENG 401	Indian Writing in English -II	6	4	Core-Theory	20	80	100
2	ENG 402	Literary Criticism and Theory	6	4		20	80	100
3	ENG 403A	Green Cultural Studies	6	4	Generic Elective	20	80	100
	ENG 403B	Award Winning Works and Writers						
	ENG 403C	Subaltern Studies	6	4		20	80	100
	ENG 403D	Cultural Studies						
4	ENG 404	India & Literary Creativity	6	4	*MDC	20	80	100
5	ENG 405A	Soft Skills	6	4	Open Elective	20	80	100
	ENG 405B	Indian Literature in English Translation						
Total			**36**	**24**		**120**	**480**	**600**

- **All core papers are Mandatory**
- **Generic Elective – Student has to choose any Two Paper**
- **Multidisciplinary Course/ Project work is Mandatory**
- **Open Elective are for the students of other Departments, Minimum one paper should be opted, extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study**
- **** Interested student may register for MOOCS with the approval of DDC**

S V UNIVERSITY COLLEGE OF ARTS::TIRUPATI
DEPARTMENT OF FOREIGN LANGUAGES AND LINGUISTCS

Minutes of the meeting of the BOS of the Department of Foreign Languages and Linguistics held on 12-11-2021 at 12 Noon in the Chamber of the Head, Dept. of Foreign Languages and Linguistics, S V University college of Arts, Tirupati.

Members Present:

1. Prof..G.Radha Krishna : BOS Chairman & Head
2. Prof.G.Aruna : Member
3. Prof. P.Srinivasulu Reddy :Member
4. Prof.P.Kusumaharinath :Member
5. Prof.M.Sampath Kumar : External Member
6. Prof.G.Balasubramanyam :External Member

Resolutions

1. Resolved to recommend the M.A.Linguistics syllabus prepared as per Outcome Based Education (OBE) has been discussed and by the following suggestions/improvements were incorporated as suggested by members of BOS for the I, II, III& IV semesters with 60% revision/addition with effect from the academic year 2021-2022.
   Courses in previous syllabus are added in the present syllabus 101 in 105A, 102 in 101, 103 in 102, 104 in 103, 105 in 104, 106 in 107, 201 in 105B, 202 in 201, 203 in 202, 204 in 203, 205 in 204, 206 in 207, 301 in 303A, 302 in 302A, 304A in 303b, 304b in 206B, 305B in 305A, 401 in 301, 402 in 205B, 403 in 401, 404A in 403B, 404B in 403B and change in Course titles 303 in 302, 205 in 204; In the present syllabus revised/added in the course 101 Unit-IV&V , 102 Unit- V,103 Unit-III, 104 Unit-V, 105A Unit-I,II&V, 105B Unit- I&V 201 Unit –IV&V,202 Unit-I, 203 Unit-V, 204 Unit-V, 205A Unit-II&III, 205B Unit-V, 205C Unit- V,206B Unit I&V, 301 Unit-V, 302 Unit-I&IV, 303A Unit-IV&V, 303D Unit-V, 304A Unit –II,IV &V, 305A Unit-V, 305B Unit-V, 401 Unit-IV,402 Unit-V,403A Unit- II&V,403D Unit-V, 404 D Unit-IV,405A Unit-I&V, 405B Unit- V, 405C Unit-V are revised/added and new courses 105C, 106A, 106B, 206A,303C, 304, 403C and 404 are added in the syllabus.
2. Resolved to recommend under National Educational Policy (NEP) skill development and Multi-disciplinary courses were introduced at III &IV semesters, respectively.
3. Resolved to recommend course curriculum contents were discussed at length and M.A.Linguistics Programme was drafted.
   Based on the above considerations the BOS members unanimously resolved to approve and recommended the revised syllabus with effect from the academic year 2021-22

Signatures:

1.
2.
3.
4.

5. Telephonic acceptance is taken

6. Telephonic acceptance is taken

CHAIRMAN, BOS (PG)
Dept. of Foreign Languages and Linguistics
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502

S V UNIVERSITY COLLEGE OF ARTS::TIRUPATI
DEPARTMENT OF FOREIGN LANGUAGES AND LINGUISTCS

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6. Prof.G.Balasubramanyam :External Member

Resolutions

1. Resolved to recommend the M.A.Linguistics syllabus prepared as per Outcome Based Education (OBE) has been discussed and by the following suggestions/improvements were incorporated as suggested by members of BOS for the I, II, III& IV semesters with 60% revision/addition with effect from the academic year 2021-2022.
   Courses in previous syllabus are added in the present syllabus 101 in 105A, 102 in 101, 103 in 102, 104 in 103, 105 in 104, 106 in 107, 201 in 105B, 202 in 201, 203 in 202, 204 in 203, 205 in 204, 206 in 207, 301 in 303A, 302 in 302A, 304A in 303b, 304b in 206B, 305B in 305A, 401 in 301, 402 in 205B, 403 in 401, 404A in 403B, 404B in 403B and change in Course titles 303 in 302, 205 in 204; In the present syllabus revised/added in the course 101 Unit-IV&V , 102 Unit- V,103 Unit-III, 104 Unit-V, 105A Unit-I,II&V, 105B Unit- I&V 201 Unit –IV&V,202 Unit-I, 203 Unit-V, 204 Unit-V, 205A Unit-II&III, 205B Unit-V, 205C Unit- V,206B Unit I&V, 301 Unit-V, 302 Unit-I&IV, 303A Unit-IV&V, 303D Unit-V, 304A Unit –II,IV &V, 305A Unit-V, 305B Unit-V, 401 Unit-IV,402 Unit-V,403A Unit- II&V,403D Unit-V, 404 D Unit-IV,405A Unit-I&V, 405B Unit- V, 405C Unit-V are revised/added and new courses 105C, 106A, 106B, 206A,303C, 304, 403C and 404 are added in the syllabus.
2. Resolved to recommend under National Educational Policy (NEP) skill development and Multi-disciplinary courses were introduced at III &IV semesters, respectively.
3. Resolved to recommend course curriculum contents were discussed at length and M.A.Linguistics Programme was drafted.
   Based on the above considerations the BOS members unanimously resolved to approve and recommended the revised syllabus with effect from the academic year 2021-22

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CHAIRMAN, BOS (PG)
Dept. of Foreign Languages and Linguistics
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502

FOREIGN LANGUAGES AND LINGUISTICS DEPARTMENT

S.V.U. COLLEGE OF ATRS

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR

M.A.LINGUISTICS

WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

SYLLABUS

Choice Based Credit System (CBCS)

January 2022

Foreign Languages and Linguistics Department

Vision:

- Provide a sound education in phonetics and phonology
- Transform of analyzing words, sentences and meanings
- Provide in expensive education services to the weaker section of society
- In calculate respect for languages of the world for ethical language values among students through good and experienced educational practices
- Recognizing the essential roles of language and society in the lives of citizenstoday and tomorrow we emphasize language literacy in our teaching and learning programmes.

Mission:

- To promote the discovery and broad communication of knowledge about the descriptive, historical, comparative , Interdisciplinary, Applied Linguistics etc.,
- To import to the students the contemporary advancements in the area of Linguistics
- To import a global prospective and such skills among students that benefits humanity in that areas.
- To develop research aptitude and a scientific advancement in that areas.
- Reinvent ourselves response to the changing demands of society with high moral values as a good citizen.

CHOICE BASED CREDIT SYSTEM (CBCS):

The Choice Based Credit System (CBCS) provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective/minor or skill based courses. The courses can be evaluated following the grading system, which is considered to be better than the conventional marks system. Therefore, it has been found necessary to introduce uniform grading system in the entire higher education in India. This will benefit the students to move across institutions to begin with. The uniform grading system will also enable potential employers in assessing the performance of the candidates. In order to bring uniformity in evaluation system and computation of the Cumulative Grade Point Average (CGPA) based on students' performance in examinations, the UGC has formulated the guidelines to be followed.

Students of this course would be expected to:

1. Be able to play leading role in industry, research and the public services.
2. Understand and appreciate major public concerns and issues associated with Linguistics.
3. Have an understanding and grasp of international research environment where the frontiers of knowledge in Linguistics are under research;
4. Be able to adapt and respond positively and flexibly to changing Circumstances.
5. Develop the professional skills and personal attributes to deal with complex issues, both systematically and creatively.
6. Have the capacity for individual work and teamwork.
7. Be lifelong learners with intellectual and practical skills.

DEPARTMENT OBJECTIVES:

The department is having the following objectives:

- To expose students o update curricula and to recent advances in the subject and enable the students to face NET, SET and RESET and other competitive examinations successfully.
- To create awareness among students about the latest streams of skills added in linguisticsof including subjects like ICT, Multidisciplinary Capacity building etc.,
- To improve sound, word, sentence and meaning so that the students can become familiar with linguistic field.
- To prepare students to attract and develop interest in applied linguistics areas like lexicography, translation, language teaching and language planning etc., so that the students can select linguistics as their career.
- The BOS in linguistics experts that this new framework of curriculum caters the need of enabling students of subject to accept new challenges of dynamically changing modern era.

PROGRAMME EDUCATIONAL OBJECTIVES:

1. Exposure of students to linguistics diversity and to provide tools of traditional and modern types to acquire this knowledge and skill.
2. To update the syllabus essential for appearing i NET, SET, RESET and other competitive exams of UPSC and APPSC.
3. To make aware the students to know the natural resources of country, to utilize by sustainable methods and conservation of Linguistic dialects.
4. To develop trained and knowledge human resource for educational and research institutions and industries to use this human resource for self reliant India.
5. To develop self employable ability and to apply knowledge of transcripts and dictionary makers.

The M.A. degree in Linguistics being offered by this University provides its students with a course of study that integrates a range of learning and teaching techniques relevant to their educational development and career ambitions. This Masters programme covers the latest developments in Linguistics and its specializations. It provides theoretical knowledge as well as training in intellectual skills to enable students to better understand and then solve some of the problems in this subject. Graduates in this programme will be induced into critical thinking, and would be able to solve complex problems in Linguistics. The students would also be inculcated with personal and problem-solving skills that will enhance their employability prospects. Enhanced competence of students has been the key concern in designing and developing this syllabus. Careful thought has gone into selection of topics and setting their scope. Major areas of Linguistics like general, historical, comparative, interdisciplinary and applied linguistic areas have been included in the syllabus only after multiple rounds of thorough discussions and intensive study. Special attention has been paid to subjects like communication technology and ICT for enriching teaching and learning skills to incorporate the latest developments in these fields.

OBJECTIVES OF THE PROGRAMME :

Theprimaryobjectiveoftheprogrammeistoimpartqualityeducationinthesubjectof Linguistics asscientific study of languages and its applied branches to the students

1. To meet the academic to applied aspects in Linguistics suited to real problems of regional and National needs
2. To expose learners to frontier and thrust areas of Linguistics
3. To train learners for better performance in various competitive examination and in research careers.
4. To enable the learners to acquire and develop self- study habits
5. To facilitate Highereducation &research in Linguistics.
6. Toprovidequalityeducationofferingskillbasedprogramsand motivatethestudentsforself employment inapplied branchesofLinguistics.
7. To Inculcatethespiritofresource conservationandlove fornature
8. Toprovidesopportunitiesforprofessionalandpersonaldevelopmentthroughcurricularandco-curricularactivities.
9. Provide consultancy and organize extension activities.

PROGRAMME OUT COMES

PO1. Engaging Language and Linguistic knowledge:

Applying the knowledge of Language and Linguistic structure

PO2. Problem Analysis:

Identify Phonetics, Phonology, Morphology and Syntax – analyze different structures

PO3. Define structures:

Identifying and difference between the structure of Phonemes, Morphemes, sentences and meanings. Identify Historical comparative Inter-disciplinary and Applied Linguistics areas.

PO4. Conduct investigation of Linguistic structures:

Users use research based knowledge and research methods including design of structures, analysis and implementing of data and synthesis of the information to provide valid conclusions.

PO5. Modern tool usage:

Create, select, apply and usage appropriate techniques, resources and ICT tools including prediction and modeling to complex activities with an understanding of the limitations.

PO6.The Linguist and Society:

Apply reasoning informed by the contextual knowledge to access Societal, health, safety, Cultural and language issues, the consequent responsibilities relevant to the practice.

PO7. Environment and sustainability:

Understanding the impact of the professional Linguistic solutions in the Societal and environmental context and demonstrate the knowledge need for sustainable development.

PO8. Ethics:

Apply ethical principles and commit to human values and professional ethics, responsibilities, norms of the language and Linguistic practice.

PO9. Individual and Team work:

Function effectively as on individual, as a member or leader in diverse teams, in disciplinary settings. They are research works, Awareness programmes etc.,

PO10. Communication:

Communicate effectively on Linguistic activities of general, Interdisciplinary and applied areas, being able to comprehend and write effective reports, design documentation, make effective presentations give and receive clear instructions.

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PO11. Project Management and Finance:

Demonstrate knowledge, understanding of the language and Linguistic, management principles and apply these to once own work ,as a member and a leader in a team to manage projects in multi- disciplinary environments.

PO12. Life - long learning:

Recognize the need and importance of the preparation and ability to engage in independent and life -long learning in the broadest context of language and Linguistic change.

PROGRAMME SPECEIFIC OUT COMES

PSO1. The students understand the basic concepts of Linguistics and ability to analyze General Historical, Comparative, Interdisciplinary and Applied Linguistics Perspectives.

PSO 2. The students will be exposed to alternative approaches on pronunciation, sentence Formation, dictionary making through exposure to course work in allied fields and ability to suggest and solve various Language and Linguistic problems.

Sri Venkateswara University: Tirupati

SVU College of Arts

Department of Foreign Languages and Linguistics

Programme**M.A.LINGUISTICS**

CBCS Pattern (With effect from 2021-22)

The Programme of study and the Scheme of Examinations

Semester-I

S.No	Course Code	Components of Study	Title of the Course			Credit Hrs. / Week	No. of Credits	IA Marks	Sem. End Exam Marks	Total Marks
1	101	Core	1	Phonetics	Mandatory	6	4	20	80	100
2	102		2	Phonology		6	4	20	80	100
3	103		3	Morphology		6	4	20	80	100
4	104		4	Syntax		6	4	20	80	100
5	105A	Compulsory Foundation	5a	Language and Linguistics	Opt-1	6	4	20	80	100
	105B		5b	Semantics						
	105 C		5c	Structure of Language(Telugu /English)						
6	106 A	Elective Foundation	6a	Human Relations	Opt-1	6	4	20	80	100
	106 B		6b	Instructional Technology						
		Total				36	24	120	480	600
7		Audit Course		Human Values and Professional Ethics -I		0	0	100	--	--

*All Core papers are Compulsory
* Compulsory Foundation – Choose One Paper
* Elective Foundation – Choose one paper
* Audit Course – 100 Marks (Internal) – Zero Credits under self study
* Interested students may register for MOOC withthe approval of the concerned DDC but it willbeconsideredfor the award of the grade as Open elective only giving extra credits.

Semester-II

S.No	Components of Study		Title of the Course			Credit Hrs. / Week	No. of Credits	IA Marks	Sem. End Exam Marks	Total Marks
1	201:	Core	1	Historical Linguistics	Mandatory	6	4	20	80	100
2	202		2	Dialectology		6	4	20	80	100
3	203		3	Field Linguistics		6	4	20	80	100
4	204		4	Language Families of India and		6	4	20	80	100

				Comparative Dravidian						
5	205 A	Compulsory Foundation	5a	Language Contact	**Opt-1**	6	4	20	80	100
	205 B		5b	Natural Language Processing						
	205C									
			5c	Endangered Languages						
6	206 A	Elective Foundation	6a	Literacy, Language Curriculum and Testing	**Opt-1**	6	4	20	80	100
	206 B		6b	Communication Technology						
		Total				36	24	120	480	600
7		Audit Course	Human Values and Professional Ethics - II			0	0	100	--	--

*All Core papers are Compulsory

*Compulsory Foundation – Choose one paper

*Elective Foundation – Choose one paper

*Audit Course – 100 Marks (Internal) – Zero Credits under self study

* Interested students may register for MOOC with approval of the concerned DDC but it will be Considered for the awarded of the grade as open elective only giving extra credits.

for the award of the grade as pen elective only giving extra credits.

Semester-III

S.No.	Course Code	Components of study	Title of the Course			Credit Hours /Week	No. of Credits	IA Marks	Sem. End Exam Marks	Total Marks
1	301	Core	1	Language Acquisition and Child Language Development	Mandatory	6	4	20	80	100
2	302		2	Language Disorders		6	4	20	80	100

				and Speech Pathology						
3	30A	Generic Elective	3a	Socio-linguistics	Opt-2	6 6	4 4	20 20	80 80	100 100
	303B		3b	Psycho-linguistics						
	303C		3c	Neuro-linguistics						
	303D		3d	Computational Linguistics						
4	304	Skill Oriented Course	4	ICT for Enriching Teaching and Learning Skills	Mandatory	6	4	20	80	100
5	305A	Open Elective	5a	Bilingualism	Opt-1	6	4	20	80	100
	305B		5b	Mass Media Communication						
	Total					36	24	120	480	600

* All Core papers are Mandatory
* Generic Elective – Choose Two papers
* Skill-Oriented Course is Mandatory
* Open Electives are for the Students of other Departments. Minimum One paper should be Opted. Extra Credits may be earned by opting for more number of Open Electives depending on the interest of the student through self study
* Interested students may register for MOOC with the approval of the concerned DDC

Semester-IV

S.No	Course Code	Components of Study	Title of the Course			Credit Hrs./ Week	No. of Credits	IA Marks	Sem. End Exam Marks	Total Marks
1	401	Core	1	Language Universals and Linguistic Typology	Mandatory	6	4	20	80	100
2	402		2	Research Methodology		6	4	20	80	100

3	403A	Generic Elective	3a	Lexicography	Opt-2	6	4	20	80	100
	403B		3b	Language Teaching		6	4	20	80	100
	403C		3c	Language Planning						
	403D		3d	Translation						
4	404	Multidisciplinary Course	4	Multidisciplinary Capacity Building	Mandatory	6	4	20	80	100
5	405A	Open Elective	5a	Branches of Linguistics	Opt-1	6	4	20	80	100
	405B		5b	Dictionary Making						
	Total					36	24	120	480	600

* All Core papersare Mandatory
* Generic Elective – Choose Two papers
* Multidisciplinary Course is Mandatory
* Open Electives are for the Students of other Departments. Minimum One paper should beOpted.Extra Credits may be earned by opting for more number of Open Electives depending on the interest of the student through self study.
*Interested students may register for MOOC with the approval of the concerned DDC

Core **LING:101 PHONETICS**

Objectives:

1. To understand the process of Communication and speech production, Classification andfour procedures of speech production.
2. To analyze production of consonants and vowels.
3. To understand expressing secondary and double articulations and prosodic features.

Unit – I

The process of Communication: Speech production (Articulatory Phonetics), Speech transmission (Acoustic Phonetics), and Speech perception (Auditory Phonetics).

Unit – II.

The four processes of speech production: Air stream process: pulmonic, glottallic and velaric ;egressive and ingressive air streams, phonation process (State of the Glottis) Oral – Nasal process (position of the velum), articulatory process. (Consonant and Vowel production); Classification of speech sounds and their description; Consonants, Vowels and Diphthongs.

Unit – III.

Consonant production: Where a consonant sound is made (place of articulation), how it is made (degree of strictures and manner of articulation) and the state of the

glottis (Voiced, unvoiced, etc.), stop consonants (Plosives, obstruents, implosives, clicks), types of closure and release. Affrication, aspiration etc.

Unit – IV.

Vowel production: Which part of the tongue is raised (front, back, central), how much it is raised (high or close, low or open, etc.,) and whether the lips are rounded (rounded vs. unrounded), Monopthongs vs. diphthong, various types of diphthongs.

Unit – V.

Secondary and double articulations: labialization, palatalization, velarization and pharyngealization and other secondary articulations: labio-velar, labio-palatal etc., Prosodic or Suprasegmental or dynamic features: Length (quantity), Stress (accent), Tone and Intonation (speech melody or pitch variation), Juncture (pause), Voice quality.

Note: Practical classes on the topics: Listening tapes, recognizing the sounds, production of the sounds, and phonetic transcription.

Suggested Readings:

1. Abercrombie, D. 1967. **Elements of general phonetics**. Edinburgh. dinburgh University Press
2. Ladefoged, P. 1975. **A Course in phonetics**. New York. Harcourt Brace and Jovanovic.
3. O'Conner, J.D. 1973. **Phonetics.** Penguin Books Ltd.
4. Bloomfield, L. 1933**. Language**.NewYork.Hol& Rinehart and Winston.
5. Catford, J.C. 1989. **A practical introduction to phonetics**. Oxford. Clarendon Press.
6. Leiberanan, Philip & Blumstein, Sheila, E. 1991. **Speech perception and Acoustic phonetics.** London, Cambridge University Press.
7. O'Grady, William; et al. (2005). **Contemporary Linguistics: An Introduction** (5th ed.). Bedford/St. Martin's. ISBN 0-312-41936-
8. Stearns, Peter; Adas, Michael; Schwartz, Stuart; Gilbert, Marc Jason (2001). **World Civilizations** (3rd ed.). New York: Longman. ISBN 9780321044792.

Course Out Comes: After completion of the course students will be ableto

1. Understand the process of Communication and speech production, Classification and four procedures of speech production.
2. Analyze production of consonants and vowels.
3. Understand expressing secondary and double articulations and prosodic features.

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3	2			3					3		3
CO2	2		3		2					1		2
CO3	2		3							2		2

LING:102 Phonology

Objectives:

1.To understand concept of Phoneme, Principals of Phonemic analysis and discovery procedures.2 .To analyze phonemes, Phonological systems and procedures of phonemics.

3. To analyze basic units of Phonology and concept of redundancy.

Unit – I

Phoneme: Concept and definition. Different aspects of the phoneme, Phonetic, Phonological, psychological, etc.Principles of phonemic analysis, the concepts of opposition, Contrast, minimal pair, distribution (Complementary, Free variation), Phonetic similarity, neatness of pattern (or pattern congruity of symmetry) and economy.Discovery procedures.

Unit –II.

The distinction between phone, phoneme and allophone: relation between Phonetics and Phonology. Types of phonemes, Types of phonological systems.Problems in phonology and

phonological analysis; vowel and consonant systems, Suprasegmentals system, under lying representation, phonological rules.

Unit–III.

Phonemic premises and procedures: (a) Modification of sound by environments analogous, identical and mutually exclusive. (b) Phonetic symmetry of sound systems; (c) Fluctuation of sounds and (d) Structural pressure on the interpretation of segments and/or sequences of segments. Alternative solutions in Phonemic analysis. Distinctive feature theory: binary vs. nonbinary features, articulatory vs. acoustic features; Universal set of phonetic features.

Unit–IV.

Basic units of Phonology: Syllable, vowel and consonant. Macro segment and Micro segment, syllable peak, coda, onset and interlude, problems of demarcation of syllable boundary.

Unit- V

Phonological system (as set of items, phonemes) and structure (the permissible arrangement of consonant and vowel phonemes, constraints on combinations etc.). The concept of redundancy.

Suggested Readings:

1. Hocket, C.F. 1958. **A course in Modern Linguistics**. New York. Macmillan and Co.
2. Hymn, Larry, M. 1975. **Phonology: Theory and analysis**. New York. Holt Rinehart and Winston.
3. Jakobson, R & M. Halle. 1956. **Fundamentals of Language**. Part – I. Hague. Mouton & Co.
4. Pike, K.L. 1947. **Phonemes: A technique for reducing language to writing**. University of Michigen Press.
5. Vackek,J. 1966. **The linguistic school of Prague: An introduction to its theory and practice.** In the Prague school Reader in Linguistics.
6. Fudge, Eric. C. 1973. **Phonology; selected Readings**. London. Penguin.
7. Lass, Roger. 1991. Phonology: **An introduction to Basic Concepts**. London. Cambridge University Press.

Course Out Comes: After completion of the course students will be ableto

1.Understand concept of Phoneme, Principals of Phonemic analysis and discovery procedures.2 .Analyze phonemes, Phonological systems and procedures of phonemics.
3. Analyze basic units of Phonology and concept of redundancy.

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3	3	2		3		3			1		2
CO2	1	3							3			1
CO3	1		3		2				2			2

LING:103 Morphology

Objectives:

1. To analyze Morpheme, classification and types of morphemes
2. To analyze derivation, inflection, different models of grammatical description and Morpho-Phonemics
3. To express Intermediate constituents, types of constructions and Idioms.

Unit – I.

Morpheme as a unit of linguistic structure, criteria for identifying morpheme, Allomorph, Zero morph, Empty morph, Portmanteau morph, unique morpheme.

Unit –II

Classification of morphemes. Types of morphemes: free and bound, root, stem and suffix: word and compound.

Unit–III

Derivation and inflection, Different models and grammatical description.Item and Arrangement.Item and Process and, word and paradigm.

Unit–IV

The concept of morpheme, Relationship between morpheme and phoneme, morphophonemic alternations.Internal and external sandhi.Automatic and non- Automatic alternation, regular and irregular alternation; base form. Phonologically conditioned and morphologically conditioned alternation, morphology in generative frame work.

Unit –V

Immediate constituents: Morphological and syntactic. Types of ICs and markers, construction types endocentric and exocentric, syntactic linkage, word classes, parts of speech and grammatical categories. Idiom formation, types of Idioms.

Suggested Readings:

1..Hocket, C.F. 1958. **A course in modern linguistics**. York. Macmillan and Co.

1. Mathews, P.H. 1974. **Morphology**. Cambridge. Cambridge University Press.
2. Elson, B. &Pickelt, V. 1969. **An introduction to Morphology and Syntax**. California, Summer Institute of Linguistics.
3. Nida, E.A. 1946. **Morphology**. Ann Arbor. Michigan University Press.
4. Langacker, Ronanld W. **Fundamental of Linguistics Analysis**. New York. Harcourt Brace Jovanovich, Inc.
5. Joos,M. (ed.). 1957. **Readings in Linguistics**. Chicago University Press.
6. Bauer, Laurie. (2003). **Introducing linguistic morphology** (2nd ed.). Washington, D. Georgetown University Press. ISBN 0-87840-343-4.
7. Bauer, Laurie. (2004). **A glossary of morphology**. Washington, D.C.: Georgetown UP.

8.Bubenik, Vit. (1999). **An introduction to the study of morphology**. LINCON Coursebooks in linguistics, 07. Muenchen: LINCOM Europa. ISBN 3-89586-570-2.

Course Out Comes: After completion of the course students will be ableto

1. Analyze Morpheme, classification and types of morphemes
2. Analyze derivation, inflection, different models of grammatical description and Morpho-Phonemics
3. Express Intermediate constituents, types of constructions and Idioms

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3	1	3	1			3			2		2
CO2	2		3	2					1			3
Co3	2				3					1		3

LING:104Syntax

Objectives:

1. To understand assumptions about language, components of grammar and sentence constituents
2. To analyze Phase structure rules, X-bar Notation and grammatical transformations
3. Understand categorical, sub-categorical information and selectional restrictions

Unit - I

Assumptions about language and grammar: Particular and Universal grammar;Adequacies of grammar-observational, descriptive and explanatory;Differencesbetween competence and performance, well formed ness and acceptability, intuition.

Unit- II

Grammar and its components-syntactic, semantic and phonological. Base structures and surface structures. Sentence and its constituents

Unit–III

Phrase structure rules and phrase markers, intermediary categories and the X – bar notation.Transformational component: Wh-movement, Np-movement.

Unit–IV

Categorical and sub categorical information: Partially and fully specified entries, selectional restrictions.

Unit - V

Grammatical transformations: Reflexivization, relativization, Extraposition, Equi- NP deletion, Coordination, Passivization, Pronominalization.

Suggested Readings:

1. Chomsky, N. 1965. **Aspects of the theory of syntax**. Cambridge. MIT Press.
2. Verma, S. K. and Krishnaswamy, N. 1998. **Modern Linguistics: An Introduction**. New Delhi. Oxford University Press.
3. Isaac, Chechamma. 1974. **An Introduction to the theory of Transformational Grammar.** Trivandrum. College Book House.
4. Raford, A. **Transformational Grammar: A first course**.
5. Radford, A. **Transformational syntax**.
6. Brown, Keith; Jim Miller (eds.) (1996**). Concise Encyclopedia of Syntactic Theories**. New York: Elsevier Science. *ISBN 0-08-042711-1*.
7. Carnie, Andrew (2006**). Syntax: A Generative Introduction** (2nd ed.). Oxford: Wiley-Blackwell. *ISBN 1-4051-3384-8*.

Course Out Comes: After completion of the course students will be ableto

1.Understand assumptions about language, components of grammar and sentence constituents
2. Analyze Phase structure rules, X-bar Notation and grammatical transformations
3. Understand categorical, sub-categorical information and selectional restrictions

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	2		3	3								1
CO2	2				1		3					2
CO3	3		1						3			2

Compulsory Foundation

LING:105ALanguage and Linguistics

Objectives:

1. To understand notions of language and Approaches to the study of languages
2. To analyze structure of language and grammatical analysis.
3. To understand Linguistics and other fields.

Unit-I

Notions of Language: Language as Written Text-Philosophical and Literary notions; Language boundary, Dialect and Language; Language in spoken and written modes; Writing System.

Unit-II

Approaches to the study of languages: Semiotic approaches; use of language in family, Community and country; language as a system of communication; sign language; Features of language.

Unit-III

Structure of language: Philological, Morphological, Syntactic and Semantic lends and their interrelations. Synchronic vs Diachronic; Classification of Languages; Concepts of Language & People, idiolect and language.

Unit-IV

Grammatical Analysis: Notions of contrast and complementation; Paradigmatic and Syntagmatic relations; Notions of word classes and grammatical categories; Grammatical relations and case relations; notion of rule at different levels; description vs. explanation of grammatical facts.

Unit-V

Linguistics and Other Fields: Relevance of linguistics to other fields of enquiry- Philosophy, Anthropology, Sociology, Political Science, Psychology, Education, Computer Science and Literature.

Suggested Readings:

1. Akmajian, Adrian; Demers, Richard; Farmer, Ann; Harnish, Robert (2010). **Linguistics: An Introduction to Language and Communication**. Cambridge, MA: The MIT Press. ISBN 0-262-51370-6.
2. Crystal, David (1990). **Linguistics**.Penguin Books. ISBN 9780140135312.
3. Chomsky, Noam (1957). **Syntactic Structures**. The Hague: Mouton.
4. Agha, Agha (2006**). Language and Social Relations**.Cambridge University Press.
5. Bloomfield, Leonard (1914). **An introduction to the study of language**. New York: Henry Holt and Company.
6. Hocket, C.F. 1958. **A course in modern linguistics**. York. Macmillan and Co.
7. The **Handbook of Linguistics**. Blackwell**.**

Course Out Comes: After completion of the course students will be ableto

1. Understand notions of language and Approaches to the study of languages
2. Analyze structure of language and grammatical analysis.
3. Understand Linguistics and other fields

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3	1	2	2							2	2
CO2	3	1	2	2	3						1	2
CO3	2		3		2		2				1	3

LING:105B Semantics

Objectives:

1. To understand Nature and Scope of Semantics and types of meaning
2. To analyze lexical structure and Meaning and sentence structure and meaning
3. To understand Lexical context of Meaning and Theories of Meaning

Unit – I

Nature and scope of Semantics.The terms Semantics and Meaning.Linguistic and non-Linguistic contexts of meaning.Types of meaning.

Unit –II

Lexical structure and meaning: Componential analysis and its limitations, sense and reference, polysemy, Hyponymy, Homonymy, antonymy, synonymy. Lexical semantics.

Unit–III

Sentence structure and meaning: Grammar and Lexicon, word and sentence. Projection rules, ambiguity, person and deixis.

Unit–IV

Linguistic context of meaning: context as meaning, collocation, idioms, Lexical and glossal meaning. Meaning interaction.

Unit – V

Mental Lexicon, presupposition and implication, Entailment and inconsistency, Tautology and contradiction, Generative and interpretative theories of meaning.

Suggested Readings:

1. Palmer, F.R. 1976.**Semantics: A new out line**. London. Cambridge University Press.
2. Stephen Ullmann. 1962**. Semantics: An introduction to the science of meaning**. Oxford. Basil Blackwell.
3. Stephen Ullmann. **The principles of semantics**. Oxford. Basil Blackwell.
4. Thakur,D. 1999**. Linguistics simplified: Semantics**. Patna. BharatiBhawan publishers.
5. Steinberg, D.D. and Jakobovits, L.A. 1971. **Semantics**. Cambridge. Cambridge University Press.
6. Jackendoff, Ray; **Semantic Structures,** MIT Press, Cambridge, MA, 1990
7. Cruse, D.; **Lexical Semantics,** Cambridge University Press, Cambridge, MA, 1986
8. Nerbonne, J.; **The Handbook of Contemporary Semantic Theory** (ed. Lappin, S.), Blackwell Publishing, Cambridge, MA, 1996
9. Cruse, Alan; **Meaning and Language: An introduction to Semantics and Pragmatics,** Oxford Textbooks in Linguistics, 2004

Course Out Comes: After completion of the course students will be ableto

1. Understand Nature and Scope of Semantics and types of meaning
2. Analyze lexical structure and Meaning and sentence structure and meaning
3. Understand Lexical context of Meaning and Theories of Meaning

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3			2		3						2
CO2		2	3				3					1
CO3		3			3				2	3		2

LING: 105C Structure of Language(Telugu/English)

Objectives:

1.To understand characteristics of language(Telugu/English)

2. To understand Phonology and Morpho- phonemics in language(Telugu/English)

3. To understand Morphology and Syntax of language (Telugu/English)

Unit-I

General typological characteristics of Language Social and regional dialects of Language.

Unit-II

Phonology: Phonemes :Segmentals; suprasegmentals; syllable structure, Phonotactics, Phonological patterns;

Unit-III

Morpho Phonemics: morpheme structure,rules,general morphophonemic process – vowel and consonantal Sandhi.

Unit-IV

Morphology:Words and word classes Grammatical categories Inflectional, derivational and word formation.

Unit-V

Syntax: Word order, classification of sentences – simple, compound and complex, agreement.

Suggested Readings: (For Structure of Telugu)

1. Krishnamurthy, Bh. And JPL Gwynm. 1985. A grammar of Modern Telugu.Madras,Oxford University Press
2. ----------1957.Sandhi in modern colloquial Telugu.Indian Linguistics. 17.
3. ---------- 1968 Compound verb in Telugu Indian Linguistics (supplement)
4. Nagamma Reddy,K.1979.Problems of syllable division in Telugu, Dept. of Linguistics. Edinburgh University.
5. Rama Rao, C. 1999.telugu Vaakyam.Hyderabad.Andhra Pradesh SahityaAkademi.

Suggested Readings: (For Structure of English)

1. Hudson, Richard . 1998.**English Grammar**. London and New York: Routledge.
2. Given,T.1993. **English Grammar: a Function – Based Introduction**. Amsterdam/Philadelphia: John Bengamin publishing Company
3. Halliday, M.A.K. 1989. **Spoken and written Language**. Oxford: Oxford University Press.
4. Crystal, David. 1997. English Barbar, Charles. 1993. **The English Language - A historical introduction**. Cambridge. Cambridge University Press.
5. *Aarts, Bas (2011). **Oxford Modern English Grammar**. Oxford University Press.*ISBN 978-0-19-953319-0.

Course Out Comes: After completion of the course students will be ableto

1. Understand characteristics of language(Telugu/English)
2. Understand Phonology and Morpho- phonemics in language(Telugu/English)
3. Understand Morphology and Syntax of language (Telugu/English)

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		3		2				1			2
CO2	3		3		2					1		2
CO3	3		3		2				1			2

Elective Foundation

LING:106A Human Relations

Objectives:

1.To understand the introduction of Human Relations
2. To Analyze factors effecting Human Relations and Human Relations Skills
3. To understand Human Relations theory of management and industrial relations.

Unit-I

Introduction of Human relations Concept of Human relations – Examples of Human relations – What is Human relations and why is it important, personality values, attitudes perception, heredity, self estem,self efficiency, self image.

Unit-II

Factors affecting Human relations: Nature of human relations, The main characteristics of Human relations, Factors affecting Human relations – a) Individual b) workgroup c)Leader d) work environment e) Society, Impact of Technology.

Unit-III

Human Relation Skills: Communication, empathy, conflict resolution, Multi tasking, organization, negotiation, stress management

Unit-IV

Human relations - Theory of Management: What is Human relations theory? elements of Human relations theory, who are the primary contributors to Human relations theory

Unit-V

Industrial relations – Behavioral relations: Conceptions of the Manager, Specialized Management participative management, Responsibility to the worker, laisseze faire (Protestant Ethic), paternalism Responsibility to the community (develop public relations) Training and promotion.

Suggested Reading:

1. Baker Library (n.d) the Human Relations Movement: Harvard.htts://www.library.hbs.edu/hc/hawthorne/
2. Black,JS&Bright,DS (2019),Organizational Behaviour,OpenStox
3. Bright DS., & Cortes AH(2019) Principals of Management, OPenStox
4. Gitman,L.J.McDamel c., Shak A, Reece M, Kuffel L, Talsma B & Hyatt JC (2018) Instruction to Business, Open stocks
5. RadhaKrishna,Gali&NukalaSubbarayudu – Human Relations; SRK Publications,Tirupati,2021
6. SprielmanRM,Jenkins,WJ&Lovett,MD (2020) Psycholopsy 2e. Open Stox

Course Out Comes: After completion of the course students will be ableto

1. .To understand the introduction of Human Relations
2. 2. To Analyze factors effecting Human Relations and Human Relations Skills
3. 3. To understand Human Relations theory of management and industrial relations.

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		3		2	1		3				2
CO2		2	3			1		3				2
CO3	2		3			1		3				1

LING: 106B Instructional Technology

Objectives:

1.To understand introduction of IT and types of IT in class room

2.ToAnalyze IT in Teaching and Learning and improvement of IT learning process

3.To understand IT in Educational Platforms

Unit-I

Introduction of Instructional Technology (IT**)** : Meaning of IT, Nature of IT, Definition of IT, Scope of IT, Characteristics of IT, Importance of IT

Unit-II

Types of IT in class room: Black Board, Over Head Projectors, Slide Projectors, Computers, LCD Projectors, Cam Coders, Digital Camaras, Design and Create Instructional material, Integration of Technology.

Unit-III

IT in Teaching & Learning: Virtual or On-line learning, offline learning, blended learning, use of digital resources, portfolio, affect of class rooms merits and de merits of IT, Role of IT.

Unit-IV

Improvement of IT Learning Process: Role of Technology in Modern classroom, uses of IT, Collaborative learning, cooperative learning, real time feed back, Instructional design.

Unit-V

IT in Education Platforms: SAMR (Substitution, Augmentation, Modification and Redefinition) frame work, Mimio studio (interactive white board Technology) ISTE (International Society of Technology Education). Google Fundamental Training, Remote Learning Environments.

Suggested Readings:

1. Kurt,S, Educational technology, An Overview in Educational Technology, November,18,2015, Retrived from https://educational technology.net/educational-technology-an- overview
2. NIKcholas Proven Zano – The complete Guide to ever note in Education
3. Tom Whitby Steven W Underson – Connectedness empowers learning
4. Corrianderson etc., Inclusive Language Education and Digital Technology
5. James B & Kirk Patrick Four levels of Training evaluation
6. Narvy Smokey and R Damels The Curious classroom
7. Mark Bames – Teaching the eye student
8. Heioi Hayes Jacobs – Curriculum 21st essential educaton for changing world.
9. RadhaKrishna,Gali&NukalaSubbarayudu – Instructional Technology; SRK Publications,Tirupati,2021

Course Out Comes: After completion of the course students will be ableto

1.Understand introduction of IT and types of IT in class room
2. Analyze IT in Teaching and Learning and improvement of IT learning process
3.Understand IT in Educational Platforms

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	1		2		3			1	2			2
CO2	3				3			1				1
Co3	2			2	3			1	3	3		2

Audit Course LING:107 Human Values and Professional Ethics – I

Objectives:

1.To understand Ethics and its relation and Ethical values.
2.To understand Nature of values and individual Society
3.To understand Bhagavad Gita, Buddhism, Jainism etc., and crime and theories of punishment

Unit-I

Definition and Nature of Ethics – Its relation to Religion, Politics, Business, law, Medicine and Environment.Need and Importance of Professional Ethics – Goals – Ethical Values in various Professions.

Unit-II

Nature of Values – Good and Bad, Ends and Means, Actual and potential Values, Objective and Subjective Values, Analysis of basic moral concepts –right, ought, duty, character and Conduct

Unit-III

Individual and Society:Ahimsa (Non-Violence),Satya (Truth), Brahmacharya (Celibacy), Asteya (Non possession) and Aparigraha (Non-stealing). Purusharthas (Cardinal virtues) – Dharma (Righteousness), Artha (Wealth), Kama (Fulfillment Bodily Desires), Moksha (Liberatin).

Unit-IV

Bhagavad Gita – (a) Niskama Karma. (b) Buddhism – The Four Noble Truths – Aryaastangamarga, (c) Jainism – mahavratas and anuvratas. Values Embedded in Various Religions, Religious Tolerance, Gandhian Ethics.

Unit-V

Crime and Theories of punishment- (a) reformative, Retributive and Deterrent. (b) Views on manu and Yajnavalkya.

Suggested Readings:

1. John S Mackenjie: A manual of ethics
2. "The Ethics of Management" by Larue Tone Hosmer, Richard D.lrwin Inc.
3. "Management ethics – integrity at work" by Joseph A. Petrick and John F.Quinn,Response Books: New Delhi
4. "Ethics in Managemnt" by S.ASherlekar, Himalaya Publishing House
5. Haarold H. Titus:Ethics for Today
6. Maitra, S.K: Hindu Ethics
7. William Lilly: Introduction to Ethics
8. Sinha: A Manual of Ethics
9. Manu: Manu DharnaSastra or the Institute of Manu:Comprising the Indian System of Duties: Religious and Civil(ed) G.C.Haughton
10. SusrutaSamhita:Tr.KavirajKunjanlal,KunjalalBrishagratha, Chowkamba,Chowkamba Sanskrit series, Vol I,II and III, Varnasi, Vol I OO, 16-20,21-32 and 74-77 only
11. CharakaSamhita: Tr.Dr.Ram Karan Sarma and VaidyaBhagavan Dash, ChowkambhaSaskrit Series office, Vaaranasi I,II,III Vol I PP 183-191
12. Ethics, Theory and Contemporary Issues, Barbara Mackinnon, Wadsworth/Thomson Learning 2001
13. Analyzing Moral Issues, Judith A.Boss, Mayfield publishing Company,1999
14. An Introduction to pplied Ethics (Ed.) John H. Piet and Ayodhya Prasad, Cosmo Publications.
15. Text book for Intermediate logic, Ethics and Human Values, board of Intermediate Education & Telugu Academic Hyderbad.

I6C.Sharma Ethical Philosphy of India.Nagin&coJndhar.

Course Out Comes: After completion of the course students will be ableto

1.Understand Ethics and its relation and Ethical values.

2.Understand Nature of values and individual Society

3.Understand Bhagavad Gita, Buddhism, Jainism etc., and crime and theories of punishment

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3					2		3	3			3
CO2	3						2	3	3			3
CO3	3					3		3	2			3

SriVenkateswara University: Tirupati

SVU College of Arts

Department of Foreign Languages and Linguistics

Programme **M.A.LINGUISTICS**

CBCS Pattern (With effect from 2021-22)

The Programme of study and the Scheme of Examinations

Semester-II

S.No	Components of	Title of the Course		Credit	No. of	IA	Sem.	Total

	Study					Hrs. / Week	Credits	Marks	End Exam Marks	Marks
1	201:	Core	1	Historical Linguistics	**Mandatory**	6	4	20	80	100
2	202		2	Dialectology		6	4	20	80	100
3	203		3	Field Linguistics		6	4	20	80	100
4	204		4	Language Families of India and Comparative Dravidian		6	4	20	80	100
5	205 A	Compulsory Foundation	5a	Language Contact	**Opt-1**	6	4	20	80	100
	205 B		5b	Natural Language Processing						
	205C		5c	Endangered Languages						
6	206 A	Elective Foundation	6a	Literacy, Language Curriculum and Testing	**Opt-1**	6	4	20	80	100
	206 B		6b	Communication Technology						
		Total				36	24	120	480	600
7		Audit Course	Human Values and Professional Ethics - II			0	0	100	--	--

*All Core papers are Compulsory
*Compulsory Foundation – Choose one paper
*Elective Foundation – Choose one paper
*Audit Course – 100 Marks (Internal) – Zero Credits under self study
* Interested students may register for MOOC with approval of the concerned DDC but it will be Considered for the awarded of the grade as open elective only giving extra credits.
for the award of the grade as pen elective only giving extra credits.

ore **LING:201** **Historical Linguistics**

Objectives:

1. To understand the major breakthroughs in historical Linguistics
2. To understand sound change ,Linguistics change and Semantic change
3. To analyses Internalreconstruction ,comparative method and Glottochronology

Unit - I

The major breakthroughs in historical linguistics: the genetic hypothesis, the regularity hypothesis, the phonemic hypothesis. Models of language classification: Genealogical, Typological and Arial. Principles of sub grouping.

Unit-II

Concept of a linguistic family: major language families of the world, characteristic features of the language families of India and mutual influences.

Unit – III

Sound change: gradual Phonetic change, structuralist model in describing sound change, phonetic and phonemic changes, conditioned and unconditioned change, types of sound changes, social motivation of sound change.

Unit -IV

Analogy: regularizing tendency of analogy, relation to change, types of sound change. Assumptions of Linguistic change: least effort, substratum theory, structural pressure. Linguistic borrowing: Causes and types, and effects of borrowing.

Unit-V

Semantic change: nature and types; Internal reconstruction and Comparative method – scope and limitations. Lexicostatistics or Glottochronology: assumptions, aims and method of application.

Suggested Readings:

1. Winfred P. Lehmann, **Historical Linguistics: An Introduction** (Second Edition) (Holt, 1973) ISBN 0-03-078370-4
2. RaimoAnttila, **Historical and Comparative Linguistics** (2nd ed.) (John Benjamins, 1989) ISBN 90-272-3557-0
3. Arlotto, Anthony. **Introduction to Historical Linguistics**. Boston. Houghton Mifflin Company.
4. King, R.D. 1969. **Historical Linguistics: An Introduction**. New Jersey: Prentice Hall.
5. Hoenigswalf, H.M. 1960. **Language change and Linguistic Reconstruction**. Chicago. University of Chicago Press.
6. Turtvent, E.H. 1942. **Linguistic Change**. Chicago. University of Chicago Press.
7. Jeffers, R.J. and IlseLehiste. **Principles and Methods for Historical Linguistics**.
8. Greenberg, J.H. 1957. **Essays in Linguistics**. Chicago. University of Chicago Press.
9. TheodoraBynon, **Historical Linguistics** (Cambridge University Press, 1977) ISBN 0-521-29188-7
10. Richard D. Janda and Brian D. Joseph (Eds), **The Handbook of Historical Linguistics** (Blackwell, 2004) ISBN 1-4051-2747-3

Course Out Comes: After completion of the course students will be ableto

1. Understand the major breakthroughs in historical Linguistics
2. Understand sound change ,Linguistics change and Semantic change
3. Analyses Internal reconstruction ,comparative method and Glottochronology

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		2			3			1			2
CO2	2		3				3					2
CO3		3			3		2		3	1		2

LING:202 Dialectology

Objectives:

1. To Understand the terms of Dialectology, history and development of dialect studies
2. To analyze types of dialects and variability
3. To understand dialect survey methodology and its approaches

Unit- I

Concept of idiolect, dialect, standard language: dialect area, dialect boundary, focal area, relic area and transitional area.

Unit- II

History and development of dialect studies: synchronic and diachronic; major linguistic atlases; German, French, American atlases. Dialect studies in India and Andhra Pradesh.

UNIT - III

Types of dialects and variability; variation along social parameters; geographical variation-intelligibility, isoglosses, pattering and gradation.

Unit –IV

Dialect survey methodology; preparation of questionnaire; data elicitation techniques: mapping of dialect variation and drawing of isoglosses: interpretation of dialect maps.

Unit –V

Notions of heterogeneity and variability-interactional and correlational approaches in survey methodology.

Suggested Readings:

1. Chambers, J.K. and Trudgil, Peter. 1990. **Dialectology**. Cambridge. Cambridge University Press.
2. Trudgil, Peter. 1983. **On Dialect: Social and Geographical perspectives**. Oxford. Blackwell.
3. Ferguson &Gumperz. : **Linguistic Diversity in South Asia**. Mouton.
4. Francil, W.N. 1987. **Dialectology: An introduction**. London. Longman.
5. Krishnamurti, Bh. 1962. **A Dialect Dictionary of Occupational Vocabulary, Vol. I: Introduction.**
6. Thomas, Alan R. (1967), **"Generative phonology in dialectology"**, Transactions of the Philological Society 66 (1): 179–203, doi:10.1111/j.1467-968X.1967.tb00343.x
7. Dollinger, Stefan (2015). **The Written Questionnaire in Social Dialectology: History, Theory, Practice.** IMPACT: Studies in Language and Society, 40. Amsterdam & Philadelphia: John Benjamins Pub. Co.

Course Out Comes: After completion of the course students will be ableto

1. Understand the terms of Dialectology, history and development of dialect studies
2. Analyze types of dialects and variability
3. Understand dialect survey methodology and its approaches

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1			3		2		3			1		3
CO2			3						1		2	
CO3		3			3	1			3			2

LING:203 Field Linguistics

Objectives:

1. To understand scope and purpose of field linguistics and problems of investigating non- literary languages
2. To understand techniques and methods of elicitation and collection of Linguistic data
3. To analyze the collection, recording and processing of data.

Unit-I

The scope and purpose of field linguistics; Field linguistics as a branch of descriptive linguistics and its relation to other branches in linguistic sciences such as theoretical and applied linguistics.

UNIT-II

The problem of investigating non-literary languages.The role and importance of language informant in linguistic field work; Selection of informants, number of informants and the training of the informant to suit the goal of the project.Preparation of appropriate questionnaire.

Unit – III

Techniques and methods of elicitation: elicitation and its nature; scheduled versus analytical elicitation; steps in elicitation, analysis and checking for elicitation. Organization of work sessions. Eliciting relevant data at various levels of linguistics structure; sound, word, phrase, clause and sentence levels. The importance of collecting texts-training the informant to dictate the texts, translating them with his help and checking the texts with other member of the language community.

UNIT-IV

Collection of linguistic data; Factors which determine the kinds of data, obtaining relevant data and restricting its size to salient features. Investigators: self preparation for encountering the informant. The need for a pilot survey of the peoples languages and the area of investigation and the collection of sample data.

Unit – V

The recording of dialect of language material. Types and purposes of fieldtranscription. The mechanization of phonetic field work.The reliability and accuracy of phonetic field transcription.The phonetics training for field worker.Collection,analysisandprocessing of the data. The value of phonetic and linguistic statements.

Suggested Readings:

1. Samarin W J. 1061. **Field Linguistics – Aguide to Linguistics field work**, New York

2.Nida, EA. 1978. (2nd ed.) **Morphology**.University of Michigan press.Srlion

3.Kiberik A.E. 1977 **The Methodology of Field infestations in Linguistics**Moulton 2 Co

4.Paul Newman and Mirth Ratlife (Eds.) **Linguistics, Field work,** UK Cambridge UniversityPress.

5.Crystal, David *(1990). Linguistics.Penguin Books.* ISBN 9780140135312*.*

6.Halliday, Michael A.K.*; Jonathan Webster (2006). On Language and Linguistics.* Continuum International Publishing Group*. p. vii.* ISBN 0-8264-8824-2*.*

7.Martinet, André *(1960). Elements of General Linguistics. Tr. Elisabeth Palmer* Rubbert (Studies inGeneral Linguistics, vol. i.). London: Faber. p. 15.

Course Out Comes: After completion of the course students will be ableto

1. Understand scope and purpose of field linguistics and problems of investigating non- literary languages
2. Understand techniques and methods of elicitation and collection of Linguistic data
3. Analyze the collection, recording and processing of data.

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3	3	2						2	2		3
CO2	3		3		2	2			2			2
Co3	3			3	3	2			3	1		2

LING:204Language Families of India and Comparative Dravidian

Objectives:

1.To understand language families of India

2.Toanalyze Dravidian Language Family and history and sources of each Dravidian Language.

3.Toanalyze vocalic, consonant and Sandhi systems, and reconstruction of Dravidian.

Unit - I

Language families of India.The concept of linguistic area and India as linguistic area.Reduplication, onomatopoeia, Echo words in Indian Languages and especially Dravidian Languages.

Unit -II

Dravidian language family: Proto-Dravidian, Sub-groups of Dravidian, literary and non-literary languages, cognates. The writing systems of the major literary languages of Dravidian.Special features of Dravidian languages.

Unit–III

A short sketch of the history and sources for each Dravidian language. Reconstructed Proto-Dravidian Culture. Language contact and vocabulary borrowing between language families: Indo-Aryan ad Austro-Asiatic words in Dravidian and Perso-Arabic and Western language (Portuguese and English) words in Dravidian.

Unit–IV

Dravidian Vocalic System, Vowels: quality, Diphthongs. Dravidian consonantal system, initial and intervocalic stops. Phonological innovations and retentions: exceptions to sound changes explained in terms of borrowing, analogy. Areal and lexical diffusion.

Unit-V

Phonological, Morphological and Syntactical reconstruction of Dravidian.Dravidian sandhi system. Dative subjects.

Suggested Readings:

1. Emeneau, M.B. 1980. **Language and Linguistic area**. Stanford, California, Stanford University Press.
2. Krishnamurthi, Bhadriraju. 2003.**The Dravidian Languages**. NewYork. Cambridge University Press.
3. "Dravidian languages". *Encyclopædia Britannica Online*. Retrieved10 December 2014.
4. Krishnamurti, Bhadriraju (2003). The Dravidian Languages. Cambridge University Press. ISBN 0521771110.
5. Subramanyam, P.S. 1997. **DravidaBhashalu**. Hyderabad. PS Telugu University.
6. Emeneau, M.B. 1970. **Dravidian Comparative Phonology: A sketch**. Annamalai Nagar, nnamalai University.
7. Kamilzvelebil. 1970. **Comparative Dravidian Phonology**. The Hague, Paris. Mouton.

Course Out Comes: After completion of the course students will be ableto

1.Understand language families of India
2.Aanalyze Dravidian Language Family and history and sources of each Dravidian Language.
3.Analyze vocalic, consonant and Sandhi systems, and reconstruction of Dravidian.

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3					2			1			1
CO2	3					2			1			2
CO3		3			2				1			2

Compulsory Foundation

LING:205A Language Contact

Objectives:

1. To analyze speech as social interaction and Interference
2. To analyze Indian language contact situation and effects of language contact

3. To understand Linguistic borrowing

Unit – I

Speech as social interaction: Speech functions and speech events; components of speech event-purpose, setting, participants. Linguistic variety, rules of speaking, cross cultural perspective, verbal and non-verbal behavior, reflection of social process in linguistic structures; speech and social identify; semantics of power and solidarity.

Unit – II

Language Contact:Typesof Interference; Language Loyalty, Language attitudes, Language Maintenance and Shift; language convergence.

Unit - III

Indian Language contact situation, Historical situation, Multilingualism.

Unit – IV

Effects of Language contact:Bilingualism,Pidginisation and Creolization, language death, Majority languages and Minority languages.

Unit – V

LinguisticBorrowing – Lexical and Structural: Motivations – Prestige and Need filling (including culture based) ; classification of Loan words – Loan Translation, Loan blend, Calque; Assimilated and unassimilated words(Tadbhava&Tatsama); Bilingualism as a source for borrowing.

Suggested Readings:

1. Suzanne Romaine. **Bilingualism.**NewYork. Basil Blackwell Ltd.
2. Wallace E. Lambert. 1972. **Language Psychology and culture.** Stanford University Press.
3. Hohn Rubin. 1968. **National Bilingualism in Paraguay**. The Hague, Paris. Mouton.
4. Sarah Thomason, **Language Contact - An Introduction** (Edinburgh University Press 2001).
5. UrielWeinreich, **Languages in Contact** (Mouton 1963).
6. Sarah Thomason and Terrence Kaufman, **Language Contact, Creolization and Genetic Linguistics** (University of California Press 1988).

Course Out Comes: After completion of the course students will be ableto

1. Analyze speech as social interaction and Interference
2. Analyze Indian language contact situation and effects of language contact
3. Understand Linguistic borrowing

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3	3								2		3
CO2	2				3					1		2
CO3	1								3	3		2

LING;205B Natural Language Processing

Objectives:

1. To understand rationalist and empiricist approaches to language.
2. To analyze Mathematical Foundations, essential information theory and Entropy.

3. To analyze Tagging, Taggers, probabilistic parsing and clustering.

Unit – I

Rationalist and Empiricist Approaches to language, Non-categorical phenomena in language, language and cognition as probabilistic phenomena, The Ambiguity of Language: Why NLP is Difficult. Lexical resources, Word counts, Zipf'slaws,Collocations, Concordances.

Unit – II

Mathematical Foundations, Elementary Probability Theory, Probability spaces,Conditional probability and independence, Bayes' theorem, Random variables, Expectation and variance, Notation.

Unit – III

Essential Information Theory, Entropy: Joint entropy and conditional entropy. Mutual information.The noisy channel model, Relative entropy or Kullback-Leibledivergence.The relation to language: Cross entropy, The entropy of English.

Unit – IV

Part-of-Speech Tagging, The Information Sources in Tagging, Markov Model Taggers,The probabilistic model, The Viterbi algorithm, Hidden Markov Model Taggers, TaggingAccuracy and Uses of Taggers.

Unit – V

Probabilistic Parsing: Some Concepts, Parsing for disambiguation, Tree banks, Parsingmodels vs. language models. Clustering: Hierarchical Clustering, Single-link and complete-link clustering, Group-average agglomerative clustering. An application:Improving a language model, Top-down clustering, Non-Hierarchical Clustering.

Suggested Readings:

1. **Foundations of Statistical Natural Language Processing**-Christopher manning and HinrichSchutze
1999 Massachusetts Institute of Technology, Second printing with corrections, 2000United States of America.
2. Briscoe, Ted, and John Carroll. 1993. Generalized probabilistic Lr parsing of natural language
(corpora) with unification-based methods. **Computational Linguistics.**
3. Biber, Douglas, Susan Conrad, and 1998. **Corpus Linguistics:**Investigating language Structure and Use. Cambridge: Cambridge University press.
4. Boguraev, Branimir K. 1993. **The contribution of computational lexicography.**
In Madeleine Bates and Ralph M. Weischedel Challenges in antural Language.

Course Out Comes: After completion of the course students will be ableto

1. Understand rationalist and empiricist approaches to language.
2. Analyze Mathematical Foundations, essential information theory and Entropy.
3. Analyze Tagging, Taggers, probabilistic parsing and clustering.

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1		3	3						2			3
CO2		1		3			2		3			2
CO3		2				3	2		1	3	3	2

LING:205C Endangered languages

Objectives:

1.To understand scope of Endangered Language

2.Tounderstand reasons for Endangerment of languages and effects of Endangerment

3.Toanalyze criteria and Endangered Languages of India

Unit – I

Endangered language: definition and scope. Code mixing and code switching, Language maintenance, mother tongues and official languagesin India.

Unit – II

Reasons for endangerment of languages: Language dominance, Globalization, Language shift, Borrowing, Multilingualism, Multiculturalism and Multilingual Education.

Unit – II

Effects of Endangerment: Shrinking of language domains, Pidginization, Creolization, Language extinction,Language death.

Unit – IV

Criteria: Levels of language risk, Evaluation of language endangerment,EGIDS, Reasons for Indian languages extinction, Process of extinction.

Unit – V

Endangering languages: Protection and Prevention of endangered languages, Endangered languages of India.

Suggested Readings:

1. Brenzinger, Matthias (ed.) (1992) Language Death: Factual and Theoretical Explorations with Special Reference to East Africa. Berlin/New York: Mouton de Gruyter. ISBN 978-3-11-013404-9.

2. Campbell, Lyle; &Mithun, Marianne (Eds.). (1979). The Languages of Native America: Historical and Comparative Assessment. Austin: University of Texas Press. ISBN 0-292-74624-5.

3. Dorian, Nancy C. (1978). 'Fate of Morphological Complexity in Language Death: Evidence from East Sutherland Gaelic.' Language, 54 (3), 590-609.

4. Dressler, Wolfgand&Wodak-Leodolter, Ruth (eds.) (1977) 'Language Death' (International Journal of the Sociology of Language vol. 12). The Hague: Mouton.

5. Gordon, Raymond G., Jr. (Ed.). (2005). Ethnologue: Languages of the World (15th ed.). Dallas, TX: SIL International. ISBN 1-55671-159-X. (Online version:http://www.ethnologue.com).

6. Harrison, K. David. (2007) When Languages Die: The Extinction of the World's Languages and the Erosion of Human Knowledge. New York and London: Oxford University Press. ISBN 978-0-19-518192-0.

7. Mohan, Peggy; &Zador, Paul. (1986). 'Discontinuity in a Life Cycle: The Death of Trinidad Bhojpuri.' Language, 62 (2), 291-319.

8. Sasse, Hans-Jürgen (1992) 'Theory of Language Death', in Brenzinger (ed.) Language Death, pp. 7–30. Thomason, Sarah Grey & Kaufman, Terrence.(1991). Language Contact, Creolization, and Genetic Linguistics. University of California Press. ISBN 0-520-07893-4.

9. Timmons Roberts, J. & Hite, Amy. (2000). From Modernization to Globalization: Perspectives on Development and Social Change. Wiley-Blackwell. ISBN 978-0-631-21097-9.ed.

Course Out Comes: After completion of the course students will be ableto

1.Understand scope of Endangered Language

2.Understand reasons for Endangerment of languages and effects of Endangerment

3.Analyze criteria and Endangered Languages of India

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3			3							1	2
CO2			3								1	2
CO3	3			2					1		1	2

Elective Foundation

LING: 206A Literacy, Language Curriculum and Testing

Objectives:

1.Toanalyze literacy as communication skill

2.To understand language acquisition and survey of language learning theories of

3.To understand material for adult literacy and language testing

Unit-I

Literacy as communication skill, communicative needs of learning. Instruction through vernacular languages medium of instruction in education at different levels. Bernstein's elaborated and restricted codes. Formal and non-formal literacy programmes. Formal, early school education of normal children, non- formal: Audit education the under privileged children.

Unit-II

Language acquisition, nature and modeling.Learning disabilities among children and remedial measures.Orality and writing Role of linguistics in learning and teaching, problems evaluation. Teaching of reading and writing to adults and children.

Unit-III

A Short survey of language learning theories, stimulus response, and reinforcement theories, mediation theories, innate capacity theory, cognitive development theory (piaget).

Unit-IV

Materials for Adult literacy: Development of improved pace and context of learning (IPCL) material for Adult literacy teaching.

Unit-V

Principles and methods of language testing, definition, basic concept of testing. Types of testing, aptitude, diagnostic prognostic. Achievement and proficiency test requi8sites, Reliability and validity of tests.

Suggested Readings:

1. Athreya, Venkatesh and Shila Rani Chinkath.1996.Literacy and Empowerment. New Delhi. Sage Publication
2. Freire,P.andDonaldo Macedo.1987.Literacy: Reading the word and the World. London. Routledge and:Kegan Paul
2. Mackay,S.L.1996.Literacy and Literacies. In Mcka,S.L. and Hornberger,N.H.(ed).2002. Practice and LanguageTeaching Cambridge.UK
4. Mukharjee,A and Vasanta,D.(ed).2002.Practice and Research in Literacy,NewDelhi.Sage.
5. Rebecca,M.Valette.Modern Language Testing.New York Harcourt Brace and World Inc.

Course Out Comes: After completion of the course students will be ableto

1.Analyze literacy as communication skill

2.Understand language acquisition and survey of language learning theories of

3.Understand material for adult literacy and language testing

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		3		1					2		1
CO2	3		3		1			1		3		2
CO3	3		3		1					2		1

LING: 206B Communication Technology

Objectives:

1.Toanalyze communication theory and Linguistic communication
2.To understand Artificial Intelligence, Machine Translation and Micro planner artificial languages
3. To analyze corpus based approach, Natural Language Processing and technological advances in Communication.

Unit - I

Communication theory: code, channel encoding, decoding, measurement and units of information, binit/bit. Redundancy – Noise – Channel noise, code noise.

Unit – II

Linguistic Communication: Message model of linguistic communication. Inferential approach to communication.Direct and indirect communication.Literal and non-literal communication.

Unit–III

Artificial Intelligence – Engineering approach. Cognitive – Science approach.Machine translation.Micro Planner artificial languages.

Unit–IV

Corpus based approach Computer corpora – machine readable corpora, automatic processing, automatic transmission fortification and limitations of corpora. Data capture. Natural language processing.

Unit –V

Technological advances in communication – Mass media print and electronic transmission.

Suggested Readings:

1. August E. Grant and Gennifer H. Meadows. **Communication Technology Update**. Ron
2. Kevac, Stephan Jones. **Introduction to Communications Technologies**: A Guide.
3. Susan Hunston. 2002. **Corpora in Applied Linguistics**. Cambridge. Cambridge University Press.
4. J. C. Richards and R. W. Schmidt (eds.). 1983. **Language and Communication**.
5. McEnery, T and Wilson A. 1996. **Corpus Linguistics**. Edingurgh. Edinburgh University Press.
6. Stubbs, M. 1996. **Text and Corpus Analysis**. Oxford. Blackwell
7. AksharBharati et al. 1995. **Natural Language Processing: A PaninianPerspective**.New Delhi. Prentice Hall.

Course Out Comes: After completion of the course students will be ableto

1.Analyze communication theory and Linguistic communication
2.Understand Artificial Intelligence, Machine Translation and Micro planner artificial languages
3. Analyze corpus based approach, Natural Language Processing and technological advances in Communication.

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		3		2				3			2
CO2			2	3					3			1
CO3	1			3	2		3		3			2

Audit Course 207: Human Values and Professional Ethics-II

Objectives:

1. To understand value education and human values

2. To understand effectiveness to capability Medical and Business Ethics
3. To understand environmental and social ethics

Unit – I

Value Education – Definition – relevance to present day – Concept of Human Values – self introspection – Self esteem. Family values-Components, structure and responsibilities of family- Neutralization of anger – Adjustability – Treats of family life – Status of women in family and society – Caring for needy and elderly –Time allotment for sharing ideas and concerns.

Unit – II

Medical ethics – Views of Charka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and healthcare professionals.Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.Social justice in health care, human cloning, Problems of abortion. Ethical issues in genetic engineering and Ethical issues raised by new biological technology or knowledge.

Unit – III

Business ethics-Ethical standards of business-Immoral and illegal practices and their solutions. Characteristics of ethical problems in management, ethical theories, causes of unethical behavior, ethical abuses and work ethics

Unit - IV.

Environmental ethics-Ethical theory, man and nature-Ecological crisis, Pest control, Pollution and Waste, Climate change, Energy and population, justice and environmental health.

Unit – V

Social ethics- Organ trade, Human trafficking, Human rights violation and social disparities, Feminist ethics, Surrogacy/Pregnancy. Ethics of media-Impact of Newspapers, Television, Movies and Internet.

Suggested Readings:

1. John S Mackenjie: A manual of ethics
1. "The Ethics of Management" by Larue Tone Hosmer, Richard D.lrwin Inc.
3."Management ethics – integrity at work" by Joseph A. Petrick and John F.Quinn,Response Books: New Delhi
4."Ethics in Managemnt" by S.ASherlekar, Himalaya Publishing House
5..Haarold H. Titus:Ethics for Today
6.Maitra, S.K: Hindu Ethics
7.William Lilly: Introduction to Ethics
8.Sinha: A Manual of Ethics
9.Manu: Manu DharnaSastra or the Institute of Manu:Comprising the Indian System of Duties: Religious and Civil(ed) G.C.Haughton
10.Susruta Samhita:Tr.KavirajKunjanlal,KunjalalBrishagratha, Chowkamba,Chowkamba Sanskrit series,Vol I,II and III, Varnasi, Vol I OO, 16-20,21-32 and 74-77 only
11.Charaka Samhita: Tr.Dr.Ram Karan Sarma and VaidyaBhagavan Dash, ChowkambhaSaskrit Series office, Vaaranasi I,II,III Vol I PP 183-191
12.Ethics, Theory and Contemporary Issues, Barbara Mackinnon, Wadsworth/Thomson Learning
200113.Analyzing Moral Issues, Judith A.Boss, Mayfield publishing Company,1999
14.An Introduction to pplied Ethics (Ed.) John H. Piet and Ayodhya Prasad, Cosmo Publications.
15.Text book for Intermediate logic, Ethics and Human Values, board of Intermediate Education & Telugu Academic Hyderabad.
16.I.C.Sharma Ethical Philosphy of India. Nagin&coJulundhar.

Course Out Comes: After completion of the course students will be ableto

1.Understand value education and human values
2.nderstand effectiveness to capability Medical and Business Ethics
2.Understand environmental and social ethics

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3						2	3				3
CO2	1						3	3				2
CO3							2	3				1

Programme **M.A.LINGUISTICS**

CBCS Pattern (With effect from 2021-22)

The Programme of study and the Scheme of Examinations

Semester-III

S.No.	Course Code	Components of study	Title of the Course			Credit Hours /Week	No. of Credits	IA Marks	Sem. End Exam Marks	Total Marks
1	301	Core	1	Language Acquisition and Child Language Development	Mandatory	6	4	20	80	100
2	302		2	Language Disorders and Speech Pathology		6	4	20	80	100
3	30A	Generic Elective	3a	Socio-linguistics	Opt-2	6	4	20	80	100
	303B		3b	Psycho-linguistics		6	4	20	80	100
	303C		3c	Neuro-linguistics						
	303D		3d	Computational Linguistics						
4	304	Skill Oriented Course	4	ICT for Enriching Teaching and Learning Skills	Mandatory	6	4	20	80	100
5	305A	Open Elective	5a	Bilingualism	Opt-1	6	4	20	80	100
	305B		5b	Mass Media Communication						
	Total					36	24	120	480	600

* All Core papers are Mandatory
* Generic Elective – Choose Two papers
* Skill-Oriented Course is Mandatory
* Open Electives are for the Students of other Departments. Minimum One paper should be Opted. Extra Credits may be earned by opting for more number of Open Electives depending on the interest of the student through self study
* Interested students may register for MOOC with the approval of the concerned DDC

Core

LING:301 Language Acquisition and Child Language Development

Objectives:

1. To analyze language acquisition device and stages of language acquisition
2. To understand continuity and discontinuity approaches
3. To analyze the acquisition process and acquisition VS learning

Unit – I

Language acquisition device. Encoding and decoding speech and Language. Early attempts of linguistic development of a child.Competence and performance.Communicative competence.Production and comprehension of grammatical contrasts.

Unit – II

Stages of language acquisition. The period of prelinguistic development: cooing, babbling, sound play motherese (baby talk, care taker speech), environment.

Unit-III

Continuity and discontinuity approaches. One word stage (holophrastic stage) over extension associate complex. Two word stage pivot (pivot class of words) open class words telegraphic speech.

Unit – IV

The acquisition process. Acquisition of phonetic, Phonological,morphological syntactic and semantic principles: questions, negatives etc.

Unit- V

Acquisition Vs. learning.Acquisition of two languages critical period for language acquisition.First language acquisition and second language learning.Simultaneous and successive acquisition.Internal analogy and over generalization.

Suggested Readings:

1. Jill G.de Villers A.de. Villers – '**Language Acquisition'**, HarwardUniversityPress, Cambridge, Massachusetts and London, England
2. N.Chomsky**, Language and Mind**
3.CliffsNeo Jersey- **Psycho-Linguistics: Introductory Perceptions**; New York, Academic press.
4.Solsaporta and JR Bastian (Ed.) **Psycho-Linguistics, A Book of Readings**, New York. Hart, Rich hart, Winston.
5. Lightfoot, David (2010). "**Language acquisition and language change**". Wiley Interdisciplinary Reviews: Cognitive Science **1** (5): 677–684 doi:10.1002/wcs.39.ISSN 1939-5078.
6, Berk, Laura E. (2009)."9, **Language Development". Child development**. Boston: Pearson Education/Allyn&Bacon. ISBN0-205-61559- 637146042.

Course Out Comes: After completion of the course students will be ableto

1. Analyze language acquisition device and stages of language acquisition
2. Understand continuity and discontinuity approaches
3. Analyze the acquisition process and acquisition VS learning

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3					2				1		3
CO2				3	3					3		2
CO3			3			3			3	1		2

LING:302 Language Disorders and Speech Pathology

Objectives:

1. To understand disordered communication, language and the brain
2. To understand articulation, language and hearing disorders
3. To understand speech pathology

Unit – I

Definition of Communication.Speech and hearing communication.Modes ofCommunication.Theories and models of human communication.Normal vs.Disordered communication.

Unit- II

Language and the Brain – Broca's aphasia – Wernicke's aphasia, conduction aphasia, expressive aphasia, receptive aphasia. Dominance, language area, Neurolinguistic processing. Definitions of Aphasia, Agnosia, Apraxia, Anarthria of Dysarthria, Dyslexia.

Unit –III

Disorders of articulation: Articulation disorders- dysarthria vs. dyslexia, Evaluation disorders, disorders of phonation: Pitch, intensity and quality disorders. Organic functional voice disorders etiology and diagnosis. Fluency disorders, Stuttering vs. stammering in children.

Unit –IV

Language disorders: Language handicap; the causes of language handicap. The classification of language handicap. Language disorders in children, mental retardation, childhood aphasia. Dyslexia and learning disability. Language disability in adults historical perspectives of aphasia, etiology, schizophrenia and dementia.Hearing disorders: Types of hearing loss, causes of hearing loss. Relationship between hearing loss and speech perception. Speech and language problems of the hearing handicapped.

Unit- V

Disorders of manner of production. Other (writing-Agraphia) language related disorders. Speech pathology localized lesions. Diffuse vs. Loss, problems of neurological cor-relates and their relevance to language. Time, the most significant dimension in language physiology – Innate mechanism for perception and production, Treatment of articulation, phonation and fluency disorders.Treatment procedures for language disorders.

Suggested Readings:

1. Obler, L. K. and Kris Gjerlow, **Language and the Brain**. NewYork. Cambridge University Press.
2. Catherine A. Jackson. **Linguistics and speech-language pathology, Linguistics**: **The Cambridge survey, vol. III**. New York. Cambridge University Press.
3. Mildred Freburg Berry. **Language disorders of children: The Bases ad diagnoses**. NewYork. Meredish Corporation.
4. Ruth Lesser. **Linguistic investigations of aphasia**, London, Edward Arnold pubklishers Ltd.
5. David Crystal. **Language, brain and handicap– VIII, The Cambridge encyclopedia of language**, New York. Cambridge University Press
6. "Stuttering". **Children and stuttering; Speech disfluency; Stammering**. U.S. National Library of Medicine - PubMed Health. 2012. Retrieved 8 December 2013.

Course Out Comes: After completion of the course students will be ableto

1.Understand disordered communication, language and the brain
2.Understand articulation, language and hearing disorders
3.Understand speech pathology

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		3				2		3	3	3	1
CI2				3	3							2
CO3	3								3	3		2

Generic Elective

LING:303A Socio-linguistics

Objectives:

1. To analyze language and society, Linguistic variability and language varieties
2. To analyze Sociology of language planning and Language and Social identity
3. To understand Sociolinguistic Methodology

Unit - I

Language and society: speech community; Linguistic competence and communicative competence, Linguistic variability; identification of Linguistic and Social variables, patterns of variation.

Unit - II

Language varieties: Regional, Social, formal and informal; standard non-standard, the concept of register and the dimensions of an act of communication- field, mode and the tenor, Vernacular, restricted and elaborated codes

Unit – III

Sociology of Language Planning: Language standardization and modernization; orthographic reform and Literacy; national Language and languages of winder communication; nationalism and nationalization.

Unit–IV

Language and Social Identity; Concept of linguistic and social inequality; linguistic prejudices and stereotypes; attitude analysis; Bernsteins concept of code; restricted and elaborate; the deficit theory.

Unit –V

Sociolinguistic Methodology: Methodological preliminaries; selecting speakers and linguistic variables, collecting texts; data processing and interpretation; method of quantification of linguistic variation; types of variables.

Suggested Readings:

1. Gimpertz, J.J. 1972. Introduction (in JJ Gumpertz, and D. Hymes (ed.) **Directions in sociolinguistics)**. New York. Holt. Rinehart & Winston
2. Hudson, Richard. 1980. **Sociolinguistic**s. Cambridge. Cambridge University Press.
3. Mesthrie, Rajend, Joan Swann, Andrea Deumert and William M. Leap. 2000. **Introducting Sociolinguistics**. Edinburgh University Press.
4. Williams, Glyn. 1992. **Sociolinguistics; a sociological critique**. London. Routledge.
5. Annamalai, E. 2001. **Managing Multilingualism in India**. New Delhi. Sage publ.
6. Fasold, Ralph. 1984. **Sociolinguistics of society**; Oxford. Basil Blackwell.
7. --------- 1986. **Sociolinguistics of Language**. Oxford. Basil Blackwell.
8. Paulston, Christine Bratt and G. Richard Tucker, eds. **Sociolinguistics: The Essential Readings.** Malden, Ma.: Wiley-Blackwell, 2003.
9. Deckert, Sharon K. and Caroline H. Vikers. (2011). **An Introduction to Sociolinguistics: Society and Identity**

Course Out Comes: After completion of the course students will be ableto

1.Analyze language and society, Linguistic variability and language varieties
2. Analyze Sociology of language planning and Language and Social identity
3. Understand Sociolinguistic Methodology

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		3		1	3				3		2
CO2			2		1		3					2
CO3			3		1				3			2

LING:303B Psycho-linguistics

Objectives:

1. To understand an overview of Psycho-linguistics
2. To analyze speech production, perception, and comprehension.
3. To understand lexical processing , concept of meaning, bilingualism and language acquisition in children

Unit – I

Over view of Psycholinguistics and acquisition of language in spoken, written and signed media. Language and thought, Behavioristic, mentalistic and Cognitive approaches to the study of language.

Unit – II

speech perception and comprehension: linguistic cues in perception of vowels and consonants, segmental and suprasegmental cues in context, models of speech perception, analytic and synthetic. Process of comprehension, phonological and features, stress and intonation cues to structures, lexical access and mental lexicon, Semantic relation and segment comprehension processing, transformational model and strategy model.

Unit – III

speech production: planning and execution, discourse planning, sentence planning. Speech errors and sentence production errors and linguistic units, errors and sentence stress, word classes in speech errors, derivation and inflection in errors.

Unit – IV

Lexical processing and mental lexicon, meta linguistic ability, input to language learning, lexical access and word recognition, introduction to the concept of meaning.

Unit – V

Bilingualism, language acquisition in children, Environmental factors in language acquisition, Motherese language acquisition models, acquisition of phonology, cooing and babbling. Bilingualism and Cognitive development, language problems and bilingual children.

Suggested Readings:

1. Donald J. Foss and David T. Hakes, **Psycholinguistics: An introduction to the psychology of language.** Englewood. Prentice Hall. Inc.
2. Cliffs Neeo Jersey, **Psycholinguistics: Introductory perceptions**. Newyork.

Academic Press.3. Sol Saporta and J.R. Bastian. (ed.) **Psycholinguistics: A book of Readings.**Newyork. Holt. Rinehart and Winston.

3. Frederic J. Newmayar. (ed.). **Language: Psychological and Biological aspects (Volume-III, Linguistics).**Newyork. Cambridge University Press.
4. Cairnsm, H.S. and C.E. Cairns. **Psycholinguistics: A cognitive view of language.**Newyork.Holt. Rinehart and Winston.Levelt, W. J. M. (2013).
5. **A History of Psycholinguistics**: the pre-Chomskyan era. Part 1. Oxford: Oxford University Press. ISBN 978-0-19-965366-9.
6. Chomsky, Noam. (2000) **New Horizons in the Study of Language and Mind**

. CambridgeCambridge University Press

Course Out Comes: After completion of the course students will be ableto

1. Understand an overview of Psycho-linguistics
2. Analyze speech production, perception, and comprehension.
3. Understand lexical processing , concept of meaning, bilingualism and language acquisition in children

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		3			1						3
CO2	2			3	3	1						2
CO3	2					1			3			2

LING: 303C Neuro Linguistics

Objectives:

1. To understand of anatomy of brain and language and speech
2. To understand History of Neuro-linguistics
3. To analyze speech and language disorders and testing techniques

Unit-I:

Introduction to the anatomy of brain cerebral cortex cerebral hemisphere – cerebellum – medulla – md brain – corpus callaosum – major lobes – frontal lobe parietal lobe occipital lobe – temporal lobe – fissure - nervous and their functions.

Unit-II:

Language and speech – Basic linguistic units – Phonology morphology – syntax – semantics – linguistics and psychology, linguistics and neurology – Introduction to Neurolinguistics

Unit-III:

History of Neurolinguistics - P.Broca – c Wernike – Huglings Jackson, and others present day Neurolinguistics.

Unit-IV:

Speech and language disorders: Aphasia – classification of aphasia – other disabilities – Broca – Wernike, Semantic – jargon – motor – sensory dysphasia, paraphasia, dyslexia, Anomia, alexia, Dysarthria, paragrammatism, agrammatism, etc. etiology of the aphasias.

Unit-V:

Testing techniques: Western aphasia test battery – Oston Diagnostic aphasia Examination – evaluation of the above two test batteries a simple study of a language disorder.

Suggested Readings:

1. Sheila E. Blumstin.Linguistics: The Cambridge survey – III, Neurolinguistics: an over view of language – Brain relatioons is aphasia. New York Cambridge University Press.
2. Obler, L.K. and Kris Gjerlow. Language and Brain New York, Cambridge University Press
3. David Crystal. The Cambridge encyclopedia of language: Language, brain and handicap. New York. Cambridge University Press
4. Adrian AK Majian,Demers,R.A., Farmer,A.K. and Harnish,R.M. 1996.Linguistics: An introduction to language and communication. New Delhi, Prentice Hall
5. Mary – Louise Kean, Linguistics: The Cambridge Survey – Volume-III: Brain Structures and Linguistic capacity New York, Cambridge University Press.

Course Out Comes: After completion of the course students will be ableto

1.Understand of anatomy of brain and language and speech
2.Understand History of Neuro-linguistics
3.Analyze speech and language disorders and testing techniques

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		2			2				2		3
CO2	3		2			2				1		3
CO3	3		2			2			1	2		2

LING: 303D. Computational Linguistics

Objectives:

1.To understand Computational Phonetics , Phonemics, Morphology and Syntax

2. To understand computational semantics and Lexicography

3.To analyze application of computational linguistics

Unit-I

Computational Phonetics and Phonemics: Speech Production and Acoustic – Phonetics. Articulatory Phonetics: Acoustic Phonetics: Prosodic features, speech signal processing parameters and features of speech. Phonological rules and Transducers: Advanced issues in Synthesis – text-to-speech system: speech recognition-speech-to-text system.

Unit-II

Computational Morphology and Syntax: Morphology and Syntax: Morphology – morpheme; free, bound, segmentation and orthography – Inflectional, Derivational and Compositional morphology – word structure, Morphological analysis – different approaches. Representation of morphological information: MRD (Machine Readable Dictionary) for stems, for suffixes, morphological levels of organization of suffixes – morphophonemic's, The Lexicon and Morphotactics, Morphologicalparsing and Finite-State Transducers. Parsing-Parsing in traditional grammar; in formal linguistics, Classification of parsing; Top-down vs. Bottom-up;

Unit-III

Semantics and Knowledge representation: Representing Meaning: Computational Desiderata for Representations: Verifiability: Unambiguous Representations: Canonical Forum: Inference and Variables: Expressiveness: Meaning Structure of Language: Predicate-Argument Structure: First Order Predicate Calculus: Elements of FOPC; the Semantics of FOPC; Variables and Quantifiers; Inference.

Unit-IV:

Computational Lexicography: Lexicography – Dictionary – Stages of dictionary preparation 1) data collection, 2) entry selection, 3) entry construction and 4) entry arrangement, role of computers in each stage, computer based dictionary – making MRD (Machine Readable Dictionary), Lexical resources, Role of language corpus in Lexicography; Electronic Dictionary (ED); Advantages of ED over conventional dictionary – features of ED.

Unit-V:

Application of Computational Linguistics: Machine Translation (MT) – different approaches; direct interlingual, transfer problems in lexical transfer – Computer Aided Learning/Teaching titles – role of computational linguistics in language teaching; Building Search Engines; Information retrieval.

Suggested Readings:

1. Allen, J. 1995. Natural Language Understanding. The Benjamin Company.
2. Ganesan, M et al. 1994 Morphological Analysis for Indian Languages in Information Technology Applications in Language, Script and Speech (ed) S.S. AGARWAL. New Delhi:
3. Ganesan, M. 1999. Lexical transfer in Machine Translation: Some Problems and Remedies in Translation (ed) M. Valarmathi, Chennai: IITS
4. Hutchins , WJ. 1982. The evaluation of Machine Translation System in Practical Experience of machine translation System (ed) V. Lawoon (ed), Noth-Holland publishing company.
5. Kening. KJ. Et al, 1983, An introduction to Computer Assisted language Teaching, UK: OUP
6. Lewis, D. 1992, Computers and translation, in Computers and Written Texts (ed) Christopher S. Butler, Oxford:Black well.
7. Meijs, W. 1992, Computers and Dictionaries, in Computers and Written Texts (ed) Christopher S.Butler, oxford: Black well.
8. Meijs,W.1996, Linguistic Corpora and Lexicography, in annual Reviews of Applied Linguistics,Vol.16
9. Ritchie, DG. Etal, 1992 Computational Morphology, England: MIT
10. Yegnanarayana, B.Etal, 1992. Tutorial on speech Technology Madras: IIT

Course Out Comes: After completion of the course students will be ableto

1.Understand Computational Phonetics , Phonemics, Morphology and Syntax

2. Understand computational semantics and Lexicography

3.Analyze application of computational linguistics

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3				2				1			2
CO2	3			1	2				1			2
CO3	3				1							2

Skill Oriented Course

LING:304 ICT for Enriching Teaching and Learning Skills

Objectives:

1.To understand the concepts, importance and scope of ICT
2. To analyze computer networking and ICT enriched teaching&learning experiences.
3. To understand online teaching and learning experiences.

Unit-I

Concepts of Information and Communication Technology (ICT): Concept of Information Technology, Concept of Communication Technology, Concept of Instructional Technology, Concept of Computer Technology and Concept of Internet.

Unit-II

Importance and Scope of ICT: Need of ICT, Importance of ICT, Scope of ICT – Teaching Learning Process, Evaluation process, Research, Administration, Education and Publication.

Unit-III

Computer Networking: Software and Hardwares, Computer networking – Components and Types of Network Typology, Features of wireless Network, Benefits of Network.

Unit-IV

ICT enriched Teaching and Learning experiences: Approaches to integration ICT in Teaching Learning process, Application of ICT for enriching classroom experiences, What ICT brings to the classroom?, Multimedia educational Software for classroom situations, Project based learning, Differences between project and project based learning, Collaborative learning.

Unit-V

Online Teaching and Learning Experiences: e-learning, Virtual classroom, Web2.0 Technologies, Open Educational Resources (OER), Legal and ethical issues, Computer ethics and Legal issues.

Suggested Readings:

1. Subbarayudu,N. and Mohamad Ali – **Pedagogy Across ICT Integration** - Jayam Publications,Hyderabad,2015, ISBN 978-98-85108 – 65 – 5
2. Padma Tulasi, G, B. Srilatha and N. Subbarayudu – **ICT for Enriching Teaching andLearning,**Jayam Publications,2017, ISBN: 978-93-85108-18-1.
3. Ramesh Verma and Suresh K. Sharma, **Modern trendsin Teaching Technology,** Anmol publications Pvt. Ltd. New-Delhi.
4. www.ucs.mun.cal/nemurphy/stemnet/cle.3htmal
5. www.lifecircles-inc.com/..../constructism/...html
6. http://en.wikipedia.org/wiki/constructivistteachingmethods
7. http://www.bie.org/about2/stcenturyskills
8. project based learning-wikipedia, free encyclopedia
9. http:/www.lexiconreadingcenter.org/what.ismutisensoryteaching.

Course Out Comes: After completion of the course students will be ableto

1.Understand the concepts, importance and scope of ICT
2. Analyze computer networking and ICT enriched teaching &learning experiences.
3. Understand online teaching and learning experiences.

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3				3				1	2	2	2
CO2	3		1	2	3				1	2	2	2
CO3	3				3				1	2	2	2

Open Elective

LING: 305ABilingualism

Objectives:

1. to understand speech as social interaction
2. To analyze theory, types and Measurement of Bilingualism
3. To understand Bilingual Education and Bilingualism and ethnocentrism

Unit - I.

Speech as social interaction: Speech functions and speech events; verbal and non-verbal behaviour, speech and social identity, pragmatics of politeness expressions,communicative competence. Code mixing and code switching.

Unit – II

Theoryof Bilingualism, bilingual proficiency, effects of bilingualism, education and bilingualism, language of wider communication (LWC), out-group languages, language identity. Bilingualism as an aspect of Borrowing.

Unit – III

Types of Bilingualism: National, societal, and individual, co-ordinate and compound, stable and unstable, transitional and incipient, ambivalent and partial;

Unit -IV.

Measurement of Bilingualism: Quantitative and Quantitative aspects of languages; direct and indirect measurement of bilingual proficiency.

Unit–V

Social – Psychological Aspects of Bilingual Education, Language attitudes, motivation – instrumental and integrative. Bilingualism and Ethnocentrism.

Suggested Readings:

1. Suzanne Romaine. **Bilingualism.**NewYork. Basil Blackwell Ltd.
2. Kenneth Hyltenstam and Loraine K. Obler (ed.). **Bilingualism across the life span: Aspects of acquisition, maturity and loss.**
3. Kelley, L.G. **Description and measurement of Bilingualism**. University of Toronto Press.
4. Wallace E. Lambert. 1972. **Language psychology and culture.** Stanford. California. Stanford University Press.
5. Hohn Rubin. 1968. **National Bilingualism in Paraguay**. The Hague, Paris. Mouton.
6. Bloomfield, L. (1993). **Language**. New York: Holt.
7. Hamers, J.F., Blanc, M. (1989).**Bilinguality and Bilingualism**. Cambridge University Press

Course Out Comes: After completion of the course students will be ableto

1.Understand speech as social interaction
2.Analyze theory, types and Measurement of Bilingualism
3.Understand Bilingual Education and Bilingualism and ethnocentrism

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3			1	3				1			2
CO2	2				3	1			1			2
CO3	2		1		3				1			1

LING:305B. Mass Media Communication

Objectives:

1.To understand nature, Scope and Types of communication

2.To analyze communication process and models of communication

3.To understand theory of communication and Multimedia Technology

Unit - I

Communication – Nature and Scope of communication function of communication Types of communication, socio-psychological aspects of communication.

Unit-II

Communication Process – One step, two step and multi step flow of communication, verbal and non-verbal communication, different kinds of media, potentialities and limitations of media approach to communication, Media as instrument of social change education and environment.

Unit–III

Communication models, Laswell, Shannon and Weaver Osgood and Schnamm. Danca's helical model, Newcomb's ABX model, Gerbner model, innovation – Different models, uses and gratification of models.

Unit–IV

Communication Theories, normative theory, Selective exposure, Selective perception and selective retention, frame of reference, empathy, psychic mobility, bullet theory, theories of cognition and balance.

Unit -V

Multi media: Impact of convergence of Media, Telecommunications and Computer, Multi media opportunities for the broadcasting, multimedia and consumers expectations, multimedia technology critical to economic development. Role of Computer in the multimedia technology.

Suggested Readings:

1 .Dahama, O.P. & Bhatnagar,. 1989. O.P. **Education and communications for Development.** Oxford & IBH publishing co. New Delhi.

2. Kuppuswamy. **Communications and social development**. Delhi. Sterling publishers, 1976.

3..Yadava pradeepMathus, J.S. **Issues in Mass Communication. The Basic concepts**. New Delhi. Indian Institute of Mass Communication.

4.Richard A. Blum. **Television writing (from concept to contract).** London. Focal Press.

5.George A. Hough. **New writing**. The University of Georgia. Kanishka Publiers.New Delhi.

6.Mehta, D.H. 1979**. Mass communication and Journalism in India**. New Delhi. Allied Publishers, pvt. Ltd.

Course Out Comes: After completion of the course students will be ableto

1.Understand nature, Scope and Types of communication

2.Analyze communication process and models of communication

3.Understand theory of communication and Multimedia Technology

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3			1	3				1	3		3
CO2	3			2	3				1	3		3
CO3	3				3				1	3		2

Programme **M.A.LINGUISTICS**

CBCS Pattern (With effect from 2021-22)

The Programme of study and the Scheme of Examinations

Semester-IV

S.No	Course Code	Components of Study	Title of the Course			Credit Hrs./ Week	No. of Credits	IA Marks	Sem. End Exam Marks	Total Marks
1	401	Core	1	Language Universals and Linguistic Typology	Mandatory	6	4	20	80	100
2	402		2	Research Methodology		6	4	20	80	100
3	403A	Generic Elective	3a	Lexicography	Opt-2	6	4	20	80	100
	403B		3b	Language Teaching		6	4	20	80	100
	403C		3c	Language Planning						
	403D		3d	Translation						
4	404	Multidisciplinary Course	4	Multidisciplinary Capacity Building	Mandatory	6	4	20	80	100
5	405A	Open Elective	5a	Branches of Linguistics	Opt-1	6	4	20	80	100
	405B		5b	Dictionary Making						
	Total					36	24	120	480	600

* All Core papersare Mandatory
* Generic Elective – Choose Two papers
* Multidisciplinary Course is Mandatory
* Open Electives are for the Students of other Departments. Minimum One paper should be Opted.Extra Credits may be earned by opting for more number of Open Electives depending on the interest of the student through self study.
*Interested students may register for MOOC with the approval of the concerned DDC

LING:401Language Universals and Linguistic Typology

Objectives:

1. To analyze language universals and its role of universals in linguistic theory.
2. To understand linguistic typology as a principle of classification.
3. To analyze language families of South Asia, South Asia as a Linguistic area and selected areal features of South Indian languages.

Unit- I.

Language Universals – formal, substantive, implicational. Parameters and markednessprinciples.The role of universals in linguistic theory: Universal grammar and particular grammars, description and explanation.

Unit –II.

Linguistic typology as a principle of classification- analytic (isolating) vs. synthetic, agglutinating vs. fissional (inflectional) vs. polysynthetic, the concept of incorporation. Greenberg's typological indices and the re-interpretation of the classical taxonomy of language types. Typology at non-morphological levels of representation including basic word order typology.

Unit– III.

Language families of South Asia: Distribution, characteristics, enumeration, Areal, features and convergence processes.

Unit– IV.

South Asia as a linguistic area: empirical basis. The concept of Linguistic area. Linguistic change, borrowing, convergence, definitional problems. Diffusion area vs. linguistic area.

Unit – V.

Selected areal features of South Asian languages (dative subject construction, relativity, conjunctive, participle construction, compound verb construction, etc.

Suggested Readings:

1. Bernard Comrie. **Language Universals and Linguistic Typology**. Oxford. Basil Blackwell.
2. Hoseph H. Greenberg. **Universals of language**. London, The M.I.T. Press .
3. Swarajya Lakshmi, V. and AditiMukharjee. **Word orders in Indian Languages**. Hyderaba. Book Links Corporation.
4. AnvitaAbbi. 1992. **Reduplication in South Asian Languages: An Areal, Typological and Historical study**. New Delhi. Allied Publishing Ltd.
5. Emmon Bach and Robert T. Harms. **Universals in linguistic theory**. New York. Holt, Rinehard and Winston. Inc.
6. Croft, W. (2002**). Typology and Universals**. Cambridge: Cambridge UP. 2nd ed. ISBN 0-521-00499-3
7. Greenberg, Joseph H. (ed.) (1963) Universals of Language. Cambridge, Mass.: MIT Press.
8. Song, Jae Jung (2001) **Linguistic Typology: Morphology and Syntax**. Harlow, UK: Pearson Education (Longman).
9. Song, Jae Jung (ed.) (2011) **Oxford Handbook of Linguistic Typology**. Oxford: Oxford University Press.

Course Out Comes: After completion of the course students will be ableto

1.Aanalyze language universals and its role of universals in linguistic theory.

2. Understand linguistic typology as a principle of classification.

3.Analyze language families of South Asia, South Asia as a Linguistic area and selected areal features of South Indian languages.

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1		3		3		1			2			3
CO2			3			2			3			3
CO3				3	3	1			3	1	3	2

CoreLING:402 Research Methodology

Objectives:

1. To understand purpose, scope, methods and tools of research
2. To understand problem identification, methods of study and scientific methods in field work of research

3.To analyze research work convert to PDF

Unit -I

Research: its meaning, purpose and scope - Methods and tools in research – Scientific objectivity-Inductive and Deductive procedures. Research methods in Social Sciences, Humanities, Language and Literature.

Unit –II

Identification of the problem and selection of the topic for research-The reasons for selecting the problem-Its relevance and importance from the point of view of theory or application orcontribution to knowledge in general.

Unit–III

Methods in the study and collection of the material-The sources of material- collection of source material. Methods of collecting source material.

Unit–IV

Scientific methods in fieldwork: preparation of questionnaire, Scheme ofelicitation, interviews, etc. Monolingual (direct) and bilingual methods of collection of material –Participant observation, selection of informants: Bio-data-speech recording- Phonetic phonemic transcription.The need for a pilot survey and the collection of sample data. The recording of Language material. Types and purposesof filed translation: Analyzing the data. Preparation of the research report. References and bibliography.

Unit-V

Research work convert to PDF: MS word to PDF, EXCEL to PDF, Power point to PDF, Paint to PDF.

Suggested Readings:

1. Gopal, M. H. **Introduction to Research procedure in social sciences**.
2.MargerettStracy. **Methods of Research**.
3.Cambel, W. B. **Form and style in thesis writing**.
4.Tharmalingom, N. **Research Methodology**. Mumbai. Himalaya publishing House.
5.Kothari, C. R. **Research Methodology (Methods and Techniques)**. New Delhi. New Age International Publishers.
6.Petyt, K. M. **The study of dialect and introduction to Dialectology**. London. Andre Deutsch Limited.
7.Longcker, Ronald W. 1972. **Fundamentals of Linguistic Analysis**. New York. Barcourt Brace Jovanovich, Inc.
8.Francis, W. N. and Longman. **Dialectology – An introduction**. London.
9. Radha Krishna Gali and NukalaSubbarayudu, 2021 – **Research Work convert to PDF,**SRK Publications,Tirupati.

Course Out Comes: After completion of the course students will be ableto

1.Understand purpose, scope, methods and tools of research
2.Understand problem identification, methods of study and scientific methods in field work of research
3.Analyze research work convert to PDF

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3			3	3					1		3
CO2	3			3	3	1				2		3
Co3	3			3	3	1				2		3

Generic Elective

LING:403A. Lexicography

Objectives:

1. To understand lexicology and lexicography, notation and format, planning and organization.
2. To analyze types, number and size of dictionaries.

3. To understand dictionary making

Unit – I

Lexicology and Lexicography; Lexical and grammatical meaning ; Components of lexical meaning; Polysemy, Homonymy, Hyponymy, Antonymy, Synonymy; Paradigm, Canonical form; Derivation, Composition; Variation in Language

Unit - II

Notation and Format: Preface, Introduction, Guide to users, Guide to pronunciation.Abbreviations, Punctuations and Symbols, Appendices; Planning and organization.

Unit– III

Types of Dictionaries: Criteria of classification – Encyclopedic vs. linguistics, Synchronic vs. diachronic, general vs. restricted. General Dictionaries, standarddescriptive, overall descriptive, Historical dictionaries, Restricted ofspecial dictionaries, Pronouncing and spelling dictionaries. Indices and concordances. Dictionaries of synonymy, etc. Number of languages:
Monolingual,bilingual, multilingual. Size of the dictionaries: small, medium, big. Academic dictionaries.

Unit –IV

Dictionary Making: Collection of material sources excerption, total and partial excerption- cleaning- Lexicographic context- Lexicographic achieves or scriptoria, Lexicographers knowledge of the language, use of informants; Selection of entries, Form of lexical units, Density of entries.

Unit – V

Construction of entries: lemma, pronunciation, grammatical indication. The main part of the entry, Lexicographic definition, use of synonyms, etc. Examples, glosses, labels;visual aids, sub-entries reduced entries, presentation of polysemy; Arrangement of entries: types of arrangement: Alphabetical, semantic or ideological.

Suggested Readings:

1. Droszewski. 1973. **Elements of Lexicology and semiotics**. The Hague. Mouton.
2. ing, R.A. 1982. **An introduction to lexicography**. Mysore. CIIL.
3. Zgusta, L. 1971. **Manual of Lexocography**, The Hague, Mouton.
4. Autonia, H. F. 1968. **Lexicography: Current trends in linguistics. Vol.** 4. ITA school. The Hague, Mouton.
5. House holder, F. W. and Sol Saparts (ed.) 1967. **Problems in Lexicography.** Bloomington. Indian University Press.
6. Bejoint, Henri (2000) **Modern Lexicography: An Introduction**, Oxford U.P. ISBN 978-0-19-829951-6

Course Out Comes: After completion of the course students will be ableto

1. Understand lexicology and lexicography, notation and format, planning and organization.
2. Analyze types, number and size of dictionaries.
3. Understand dictionary making

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	2	3		3	1							3
CO2	2			3	3	3					3	2
CO3	2			3	1			3	3			3

LING:403B.Language Teaching

Objectives:

1. To analyze role of Linguistics in language teaching and Methods of language teaching.
2. To analyze language acquisition and second language learning and cognitive models of language learning/teaching.
3. To understand teaching aids, remedial teaching material and computer aidelanguage teaching

Unit - I.

Role of linguistics in Language Teaching: Principles of Language Teaching professional qualifications of Language Teaching. Role of Teacher in language analysis. Discourse analysis, language diversity and educational linguistics.

Unit -II.

Traditional methods of language teaching - grammar translation method,direct method,audio-visual method,Reading method and new methods. Relationship between linguistic theories of language and corresponding teaching methodscontrastive analysis and error analysis.

Unit–III.

Language acquisition vs. second language learning, foreign language Teaching learning. Behavioristic and Mentalistic theories. Errors as learning strategies, internal processing- filter, organizer and monitor.

Unit-V.

Cognitive models of language learning/teaching. Attitude, aptitude and acculturation, Teaching material for the different models and target groups, selection, gradation, evaluation, feed back and reinforcement.

Unit -V.

Teaching Aids: Audio-visual, Audio-lingual, language laboratory, etc. Language testing; prognostic, diagnostic, proficiency. Achievement and close tests. Reliabilityand validity. Remedial teaching material and computer aided language teaching.

Suggested Readings:

1. Stern, H.H. **Fundamental concepts of Language Teaching**. Delhi. Oxford University Press.
2. Robert Lado**. Language Teaching**. Bombay-New Delhi. Tata McGraw-Hill
3. Valerie Kincella. **Language Teaching and Linguistics**. Survey. London. Cambridge University Press.
4. Edward M. Stack. 1960. **The language laboratory and Modern language teaching**. NewYork. Oxford University Press.
5. David Crystal. **The Cambridge Encyclopedia of Language**. NewYork. Cambridge University Press.

Course Out Comes: After completion of the course students will be ableto

1. Analyze role of Linguistics in language teaching and Methods of language teaching.
2. Analyze language acquisition and second language learning and cognitive models of language learning/teaching.
3. Understand teaching aids, remedial teaching material and computer aide language teaching

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1		3	2			2				1		3
CO2			3	3		2				1	3	2
CO3			3		3	3			3	1		2

LING: 403C Language Planning

Objectives:

1. To understand Nature and Scope of language planning and communication technology
2. To analyze process and problems of language planning
3. To understand types and treatment of language planning

Unit-I:

Nature and Scope: Sociology of language and the notion of planning. The necessity of language planning. Basic premises of language planning. Linguistics and language Planning .Language Problems of developing nations. Language problems in political and administrative process; language problems in society: seeking solutions and making decisions. Variables and planning: Planning sensitive variables: Types of variables: Organizational attitudinal. Demographic and implementation.

Unit-II:

Communication Technology: Language use in Electronics and Mass Media. Basics of Communication. Language movements in India and abroad.

Unit-III :

Process of Language Planning: Major types of language planning. Corpus andstatus planning. Selection/Policy decision, stability/codification,expansion/elaboration, ferentiation/cultivation, code selection.National/Official language. Standardization and writing reform, elaboration, modernization of languages, promotion of language styles and registers, language policy in education, Comparative study of language planning, impact of nationalism on language planning, Agencies of language planning and their role. Implementation process and evaluation procedures. Providing information and feed back for language planning.

Unit-IV:

Problems of Language planning: Non-communication. Orthography, Evaluation of the variations within the standardized form. Limitations of language planning.

Unit-V:

Types and Treatment: A Short survey of basic types of langue conflict and language planning with special reference to he developing nations. Evaluation of language planning in India.

Suggested Readings:

1. Joshua A.Fishman. 1974. Advances in language planning. The Hague,Mouton
2. Fishman, J.A.Ferguson, C.A. and Gupta, J.D.Language problems of developing nations. New York.JohnWiley and sons, Inc.
3. Omkar N. Koul. 1994. Language development and Administration. New Delhi. Creative books.
4. Donna Christian, Linguistics: The Cambridge Survey(Vol.iv), Language Planning: The View fromLinguistics. New York. Cambridge University Press
5. Boris I.Kluyev. India national and language problems.NewDelhi.Sterling publishers Pvt.Ltd.

Course Out Comes: After completion of the course students will be ableto

1. Understand Nature and Scope of language planning and communication technology
2. Analyze process and problems of language planning
3. Understand types and treatment of language planning

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		3			2			1			2
CO2			3			2			1			2
CO3			3			2						1

LING:403D. Translation

Objectives:

1.To understand the concept of translation
2.To understand principles and analysis of translation
3.To solve the exercises of translation

Unit –I

The concept of Translation, types of translation, word and sense, equivalence, word level and above word level, grammatical equivalence, formal and dynamic equivalence, loss and gain, untranslatability, Machine translation. Is translation an art or Science? Translations interpretation, free vs. literal Translation.

Unit – II

Principles of translation, Catford, Nida, etc. Translation procedures: literal, paraphrasing, transcription, Transliteration, borrowing, Transference, neutralization; equivalent: cultural, functional, descriptive; reduction or expansion; thumb rules.

Unit – III

Analysis: word and text. Criteria for analysis, text types. Semantic and communicative translation. Varieties of general meaning, lexical vs. grammatical meaning,componential analysis. Business language and advertisement, abbreviations and acronyms, coinage and acceptability; speed and adhoc solutions.

Unit – IV

Language development, term planning-challenges, principles in term planning. Metaphor translation. Translation of proper names, types of proper names, role of script in proper names translation. Evaluation and Testing. Role of translation in second language learning/teaching.

Unit – V

Translation exercises: Business letters, official letters, G.Os, Reports, Poetry and Fiction, etc. from English to Telugu, and from Telugu to English.

Suggested Readings:

1. Baker, M. 1992. **In Other words: A Course book on Translation**. London and New York: Routledge
2. Baker, M. (ed) 1998 Rout ledge, **Encyclopedia of Translation Studies,** London and New York. Rout ledge.
3. Catford, John C. 1965. **A Linguistics Theory of Translation,** London Oxford University Press.
4. Newmark, Peter. 1988. '**Translation Theory Practice** – Hall
5. Bassnett-McGuire, Susan 1980 **Translation Studies** London Methuen
6. Baker, Mona; Saldanha, Gabriela (2008). Routledge**Encyclopedia of Translation Studies**.New York: Routledge. ISBN 9780415369305.
7. Parks, Tim (2007). **Translating style: a literary approach to translation - a translationApproachto literature**. New York: Routledge. ISBN 9781905763047

Course Out Comes: After completion of the course students will be ableto

1.Understand the concept of translation

2.Understand principles and analysis of translation

3.Solve the exercises of translation

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		3			2					1	2
CO2			3			2					1	2
CO3		2	3			2					1	2

Multidisciplinary Course

LING:404Multi-disciplinary Capacity Building

Objectives:

1.To understand Health and Environmental and Social Safety Studies

2.To analyze Physical and Health Education Studies
3.To understand Work Experience and Art Education

Unit-I:

Health and Environmental Studies: Personal hygiene, environmental cleanness(cleanness of hair, nails, teeth, eyes, skin, cloths, shoes, environment etc.,), Factors affecting nutrition level of an individual, need of balanced diet,Importance of balanced diet,, communicable diseases – prevention and care.

Unit-II

Social Safety Studies: Concept of Social safety, Road rules and Traffic symbols, concept and definitions of First Aid, Types First Aid, First Tool Kit/Box, Precautions to be followed in giving First Aid, 104 and 108 services.

Unit-III

Physical and Health Educational Studies: What is Physical Education, Concept, Definition, Importance and Objectives of Physical Education, Role of Physical Education in the development of Psycho – Motor Domain, what is Health Education, Concept, Definition, Importance and objectives of Health Education, Factors affecting Health, difference between Physical and Health Education, Leadership Qualities, Character Building.

Unit-IV

Work Experience: Concept, Scope and Need of Work Experience: Specific Significance of Work Experience of Quality Education, Objectives and Specifications of Work Experience, Basis of Work Experience – Philosophical, Psychological, Socio-Economical basis of Work Experience, de-centralization of Work Experience, Role of Community and Parent-Teacher Association of Work Experience, Dignity of Labour, digging or cleaning of brains, washing or repairing or dying of cloths, clean and green.

Unit-V

Art Education: Art and Aesthetics, Art and Society, Art and Human Development, Place of Visual and Performing Arts in Teaching, Art and Craft Indian Festivals and its Artistic Significance.

Suggested Readings:

1. Dash, B.N. – **Health and Physical Education**, Neel Kamal Publications, Pvt. Ltd., Hyderabad,2010, ISBN: 8183161871,9788183161879.
2. JanakiRamiah,G., GaliRadha Krishna and N.Subbarayudu – **Pedagogy of EnvironmentalStudies at Primary Level**, Jayam Publications, Hyderabad,2019,ISBN: 978-93-87114-33-3.
3. Krishamacharyulu,V. – **Elements of Work Experience,** Neel Kamal Publications Pvt. Ltd., Hyderabad, ISBN:978-81-8316-667-6 .
4. Krishamacharyulu,V. K.Ramanachary and K.VijayaRao – **SamarthyalaPempudala Capacity Building**, Neel Kamal Publications, Pvt. Ltd., Hyderabad,2019, ISBN: 978-81-8316-131-2
5. NCERT, New Delhi - **Work Experience in School Education**, Guide Lines.
6. RadhaKrishna,G and N.Subbarayudu – **Art Education**, Jayam Publications, Hyderabad,ISBN:978-93-85108-56-3

Course Out Comes: After completion of the course students will be ableto

1.Understand Health and Environmental and Social Safety Studies
2.Analyze Physical and Health Education Studies
3.Understand Work Experience and Art Education

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3			2		3				1		2
CO2	3			2		3				1		2
CO3	3			2		3				1		3

Open Elective

LING 405A. Branches of Linguistics

Objectives:

1. To analyze Language and Linguistics, branches of Linguistics, speech organs.
2. To understand Phonology, Morphology, Syntax, and semantics.

3. To understand types of Interdisciplinary Linguistics and Branches of Applied Linguistics

Unit – I

Definition of Language and Linguistics; Branches of Linguistics. Phonetics – Types of Phonetics, Speech organs. Phonology- Phone, Phoneme and allophone, Types of Phonemes, Phonological Analysis.

Unit – II

Morphology: Morph, Morpheme and Allomorph. Types of Morphemes - Morphological Analysis.

Unit – III

Syntax: Particular and universal grammar, Syntactic, Semantic and Phonological components of grammar – sentences and its constituents.

Unit – IV

Semantics – The terms of Semantics and Meaning; Types of Meaning; Componential analysis, Projection Rules.

Unit – V

Diachronic Vs Synchronic; Types of Interdisciplinary Linguistics; Branches of Applied Linguistics

Suggested Readings:

1. Bloomfield, Leonard (1914). An introduction to the study of language. New York: Henry Holt and Company.
2. Chomsky, Noam (1957). Syntactic Structures. The Hague: Mouton.
3. Hocket, C.F. 1958. **A course in modern linguistics**.York. Macmillan and Co.
4. Bloomfield, L. 1933**. Language**. NewYork. Hol& Rinehart and Winston.
5. Pike, K.L. 1947. **Phonemes: A technique for reducing language to writing**. University of Michigen Press.
6. Nida, E.A. 1946. **Morphology**. Ann Arbor. Michigan University Press.
7. Langacker, Ronanld W. **Fundamental of Linguistics Analysis**. New York. Harcourt Brace Jovanovich, Inc.
8. Chomsky, N. 1965. **Aspects of the theory of syntax**. Cambridge. MIT Press.
9. Verma, S. K. and Krishnaswamy, N. 1998. **Modern Linguistics: An Introduction**. New Delhi. Oxford University Press.Palmer, F.R. 1976.**Semantics: A new out line**. London. Cambridge University Press.
10. Winfred P. Lehmann, **Historical Linguistics: An Introduction** (Second Edition) (Holt, 1973) ISBN 0-03-078370-4
11. RaimoAnttila, **Historical and Comparative Linguistics** (2nd ed.) (John Benjamins, 1989) ISBN 90-272-3557-0

Course Out Comes: After completion of the course students will be ableto

1. Analyze Language and Linguistics, branches of Linguistics, speech organs.
2. Understand Phonology, Morphology, Syntax, and semantics.
3. Understand types of Interdisciplinary Linguistics and Branches of Applied Linguistic

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		3			2				2		1
CO2	3		3						1	1		2
CO3	3		3						1	2		2

405B. Dictionary Making

Objectives:

1. To understand types of dictionaries
2. To analyze Monolingual Dictionary Making

3. To analyze Bilingual Dictionary Making.

Unit – I

Definition of Dictionary or Lexicon; **Types of Dictionaries:**Encyclopaedic vs. linnguistic, Synchronic vs. Diachronic, General vs. restricted. General Dictionaries, Standard descriptive, overall descriptive.

Unit-II

Historical dictionaries**;** Special Dictionaries, Pronouncing vs spelling dictionaries. Indices and concordances. Dictionaries of synonymy, etc. Number of languages: monolingual, bilingual, multilingual. Size of the dictionaries: Academic dictionaries.

Unit –III

Monolingual Dictionary Making: Collection of material - excerption, - cleaning-Lexicographic context- scriptoria, use of informants; Selection of entries, Form of lexical units, Density of entries.

Unit – IV

Construction of entries: lemma, pronunciation, grammatical indication. The main part of the entry, Lexicographic definition, use of synonyms, etc. Examples, glosses, labels; visual aids, sub-entries reduced entries, presentation of polysemy; Arrangement of entries: types of arrangement: Alphabetical, semantic or ideological.

Unit-V:

Bilingual Dictionary Making: Collection of Material; Selection of entries Equivalent, translational and descriptive of explanatory equivalent, categorical equivalence. Form of entries: Lemma, spelling, pronunciation, grammatical information. Glosses and labels, examples.

Suggested Readings:

1. Sing, R.A. 1982. **An introduction to lexicography**. Mysore. CIIL.
2. Zgusta, L. 1971. **Manual of Lexocography**, The Hague, Mouton.
3. Autonia, H. F. 1968. **Lexicography: Current trends in linguistics. Vol.** 4. ITA school. The Hague, Mouton.
4. House holder, F. W. and Sol Saparts (ed.) 1967. **Problems in Lexicography.** Bloomington. Indian University Press.
5. Bejoint, Henri (2000) **Modern Lexicography: An Introduction**, Oxford U.P.

ISBN 978-0-19-829951-6

Course Out Comes: After completion of the course students will be ableto

1.Understand types of dictionaries
2.Analyze Monolingual Dictionary Making
3.Analyze Bilingual Dictionary Making.

POs	1	2	3	4	5	6	7	8	9	10	11	12
CO1	3		3	2					1	1		2
CO2			3	2	1					2		2
CO3	3		3			3			2	1		3

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Chairman, Board of Studies (P.G.)

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No. SVU/CA/HIN/BOS/2020-21/1

Date : 01-12-2021.

Proceeding of the Board Of Studies

Minutes of the meeting of the Board of the Studies held on 01st Dec.2021. In the chamber of Chairman Board of Studies in Hindi (P.G.) Department of Hindi, S.V. University Campus Tirupati at 11.00 A.M to discuss about the finalization of revised syllabus as per the NEP-2020, directed by the authorities of S.V. University, tirupati by letter no. C-II (A, B & F)/P.G.-Revise Syllabi/NEP-2021 Dated: 06-11-2021.

Members of the Board of Studies in Hindi (P.G)

1. Prof. Ram Prakash- BOS Chairman
2. Dr. Narayana-Member

The Chairman welcomed the members and placed the agenda of the meeting before the members of the committee for discussion.

Agenda : Finalization of revised syllabus as per the NEP-2020,

As per the directions of the Authorities of University, the Board of Studies meeting held for discussion to finalization of revised Syllabus. Board has taken approval form external members by sending PDF of syllabus due to lack of time and tirupati city affected by cyclone and current time is not convenient for external members to visit for attending board meeting.

Resolution: All members of the Board of Studies resold to implement revised syllabus and approved the Same by sending their approval by mail, which is enclosed with this proceeding for reference.

Encl: Approval emails.

Prof. Ram Prakash
Chairman, Board of Studies (P.G.)
Prof. Ram Prakash, Ph.D.
Chairman, Board of Studies
Dept. of Hindi, S.V. University
TIRUPATI-517 502, A.P. (INDIA)

Sri Venkateswara University
College of Arts, Department of Hindi
Tirupati-517502.A.P

Prof. Ram Prakash
Chairman, Board of Studies (P.G.)

Mobile .09493941348, 9448403488
Email: dr.ramprakash30@yahoo.com

No. SVU/CA/HIN/BOS/2021-22/2 Date: 11-07-2022.

To,
The Registrar
S.V. University,
Tirupati-517502.

Respected Sir,

Sub : Sending Revised Scheme, Syllabi and Model question-Reg.
Ref : No. C-II(A.B & F)/PG-Revise Syllabi/NEP-2021, dated : 06-11-2021.

As per the directions and instructions of the University authorities, the Department of Hindi conducted Board of Studies (P.G.) meeting on 1st of Dec.2020 for revising the syllabus of M.A. Hindi Programme with local members, taken approval from external members by sending revised syllabus on mail, also taken suggestions and guidance by telephonically regarding the changes and formation of new courses in present scenario and as per the National Education Policy 2020.

The Board has finalized 36 courses for two years P.G. Programme including formation of 10 New courses as per the opportunity provided by New Education Policy, guidance and norms of UGC, syllabus of NET & JRF for developing knowledge of Literature, skill of language and critical ability of students to get job opportunity in different sectors, level, position of Central, State, Semi government and corporate world.

After completion of the formation and revision, the Board of Studies has produced the revised scheme of instruction and examinations, approved syllabus with model question papers and eligibility criteria for choosing Open Electives by other department students in Hindi, for perusal and further needful action.

Revised Scheme of Instruction:

1. As per the NEP-2020 guidelines-the department of Hindi offering P.G. Programme in Hindi for 96 Credits, out of 96 credits students has to opt two elective from other department in III & IV Semester.
2. Student has to read 4 Core Course in I & II semester and 2 Course in III & IV semester.
3. Students have to choice one Compulsory foundation Course in I & II semester out of 3 courses.
4. I & II semester students has to Opt one course as Elective foundation and students has to read Audit Course in I & II semester for Zero Credits.
5. Students have to choose two courses as Generic Elective out of four in III & IV semester.
6. In III & IV Semester student has to read compulsory course as Skill Oriented Course and Multidisciplinary Course, which is Mandatory for all students in P.G. programme.
7. Other than above courses student has to choose two course as Open Elective from other departments of University in III & IV semester.

Scheme of Examinations for P.G. Programme :

Students has to attend examination for 2400 Marks in two years programme, each course will carry 100 marks in all semester, 20 Marks for Internal Examination and 80 Marks for Semester End Examination, which will be carry 96 credits.

Common pattern of questions for all courses:

Students has to attend 8 questions out of 12 for 80 Marks, each question will carry 10 marks.

Eligibility criteria for Open Electives:

For opting open elective Course in Hindi, student must be taken Hindi as Second Language in Graduation.

Thanking You,

Yours faithfully

(Prof. Ram Prakash)

Prof. Ram Prakash, Ph.D.
Chairman, Board of Studies
Dept. of Hindi, S.V. University
TIRUPATI-517 502, A.P. (INDIA)

SRI VENKATESWARA UNIVERSITY :: TIRUPATI
DEPARTMENT OF HINDI

Certified that the syllabus of the following list of programs have been revised during the Academic year 2021-2022.

S.No	Name of the Proframme	Programme Code	Name of the Courses Revised	Partially /New	Percentage
1.	M.A. Hindi	HIN 102	Pracheen evam Madhyakaleen Kavya	Partially	10
2.	M.A. Hindi	HIN 103	Aadhunik Kavita	Partially	20
3.	M.A. Hindi	HIN 104	Samkaleen Kavita	Partially	20
4.	M.A. Hindi	HIN 105A	Samsamyik Kavita	New	100
5.	M.A. Hindi	HIN 105C	Sahitya ki Vaichariki	New	100
6.	M.A. Hindi	HIN 202	Katha Sahitya	Partially	70
7.	M.A. Hindi	HIN 203	Natya Sahitya	Partially	20
8.	M.A. Hindi	HIN 204	Aalochana Sahitya	Partially	50
9.	M.A. Hindi	HIN 205A	Gadhya Sahitya	New	100
10.	M.A. Hindi	HIN 205B	Anya Gadhya Sahitya	New	100
11.	M.A. Hindi	HIN 205C	Andhra ka Hindi Sahitya	New	100
12.	M.A. Hindi	HIN 303A	Dalit Sahitya	Partially	40
13.	M.A. Hindi	HIN 303B	Adivasi Sahitya	New	100
14.	M.A. Hindi	HIN 303C	Narivadi Sahitya	Partially	60
15.	M.A. Hindi	HIN 303D	Pravasi Sahitya	New	100
16.	M.A. Hindi	HIN 304	Bhasha Shikshan ke Sidhanta aur Prayog	New	100
17.	M.A. Hindi	HIN 401	Bhartiya Tulnatmak Sahitya	Partially	50
18.	M.A. Hindi	HIN 403A	Anudit Bhartiya Sahitya	New	100
19.	M.A. Hindi	HIN 403B	Asmitamulak Sahitya Vimarsha	New	100
20.	M.A. Hindi	HIN 404	Anter Jananushansnatmak Dristiya aur Pravidhiya	New	100

Out of above 20 Courses 11 New Courses introduced and 9 Courses are partially revised and remaining courses are adopted as it was before.

BOS Chairman | Head | Member | Member | Member

Prof. Ramprakash, Ph.D.
Chairman-Board of Studies
Dept. of Hindi, S.V. University
TIRUPATI-517 502, A.P. (INDIA)

I/c HEAD
Department of Hindi
S. V. U. COLLEGE OF ARTS
TIRUPATI-517 502

S.V.U. COLLEGE OF ARTS

DEPARTMENT OF HINDI

NEP REVISED SYLLABUS-2020

2021-2022

SRI VENKATESWARA UNIVERSITY

TIRUPATI

Sri Venkateswara University

College of Arts, Department of Hindi

Tirupati-517502.A.P

(M.A.HINDI SYLLABUS)

Semester-I

Components of Study	Title of the Course	Hrs	Credits	IA	Sem. Exams	Total
Core-Mandatory	101–Sahitya ka Itihas	6	4	20	80	100
	102–Pracheen evam Madhaykaleen Kavya	6	4	20	80	100
	103–Aadhunik Kavita	6	4	20	80	100
	104–Samkaleen Kavita	6	4	20	80	100
Compulsory Foundation-Opt. 1	105-A-Samsamyik Kavita	6	4	20	80	100
	B-Sahityandolan	6	4	20	80	100
	C-Sahitya ki Vaichariki	6	4	20	80	100
Elective Foundation Opt. 1	106-A- Bhasha Vignan aur Hindi Bhasha	6	4	20	80	100
	B-Patrakarita aur Jansanchar madhayam	6	4	20	80	100
Audit Course	107-Human Values & Professional Ethics-I	0	0	00	00	000

Semester-II

Core-Mandatory	201-Aadhunik Sahitya ka Itihas	6	4	20	80	100
	202-Katha Sahitya	6	4	20	80	100
	203-Nataya Sahitya	6	4	20	80	100
	204-Aalochana Sahitya	6	4	20	80	100
Compulsory Foundation Opt. 1	205-A-Gadhya Sahitya	6	4	20	80	100
	B-Anya Gadhya Sahitya	6	4	20	80	100
	C- Andhra ka Hindi Sahitya	6	4	20	80	100
Elective Foundation Opt.1	206–A-Prayojanmulak Hindi aur Rajbhasha	6	4	20	80	100
	B-Anuvad ke Sidhanta aur Prayog	6	4	20	80	100
Audit Course	207- Human Values & Professional Ethics-II	0	0	00	00	000

Semester-III

Core-Mandatory	301-Bhartiya Kavya Shastra ki Parampara	6	4	20	80	100
	302- Hindi Kavya Shastra ka Vikas	6	4	20	80	100
Generic Elective Opt. 2	303-A-Dalit Sahitya	6	4	20	80	100
	B-Aadivasi Sahitya	6	4	20	80	100
	C- Narivadi Sahitya	6	4	20	80	100
	D- Pravasi Sahitya	6	4	20	80	100
Skill Oriented Course-Mandatory	304-Bhasha Shikshan ke Sidhanta aur Prayog	6	4	20	80	100
Open Elective Opt. 1	305-A-Vyavharik Hindi Vyakaran	6	4	20	80	100
	B-Hindi Sahitya ke Nirmata	6	4	20	80	100

Semester-IV

Core-Mandatory	401-Bhartiya Tulnatmak Sahitya	6	4	20	80	100
	402-Paschatya Samiksha Shastra	6	4	20	80	100
Generic Elective Opt. 2	403-A-Anudit Bhartiya Sahitya	6	4	20	80	100
	B-Asmitamulak Sahitya Vimarsha	6	4	20	80	100
	C-Sahitya ka Tulnatmak Adhayayan	6	4	20	80	100
	D-Anusandhan ke Sidhanta aur Dristiya	6	4	20	80	100
Multidisciplinary Course-Mandatory	404-Antar Jananushasnatmak Dristiya aur Pravidhiya	6	4	20	80	100
Open Elective Opt. 1	405-A-Manak Hindi aur Nagrilipi	6	4	20	80	100
	B-Aadhunik Hindi Sahitya ke Nirmata	6	4	20	80	100

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
S.V.U. COLLEGE OF ARTS
M.A. DEGREE COURSE IN HISTORY
CHOICE BASED CREDIT SYSTEM
REVISED SCHEME OF INSTRUCTIONS AND EXAMINATIONS AS PER NEP 2020 GUIDELINES

Minutes of the Meeting of the Board of Studies in History held on 12th November 2021 in the Department of History, S. V. University, Tirupati.

MEMBERS OF THE BOARD OF STUDIES

1. Prof. P. Bhaskara Reddy — Chairman
2. Prof.B.V.Muralidhar, Principal, SVUCA & Head I/c — Ex-officio Member
3. Dr.P. Krishna Mohan Reddy , Associate Professor — Member

The Chairman, Board of Studies in History initiated the meeting and explained the reasons for conducting the meeting of the Board.It was resolved to revise the Syllabus relating to M. A. History as per the instructions of the authorities in accordance with NEP 2020 guidelines, to be effective from the academic year 2021-2022. External members could not be invited due to Covid and hence it was resolved to get their approval as soon as possible.

SRI VENKATESWARA UNIVERSITY :: TIRUPATI
S.V.U. COLLEGE OF ARTS
M.A. DEGREE COURSE IN HISTORY
CHOICE BASED CREDIT SYSTEM
REVISED SCHEME OF INSTRUCTIONS AND EXAMINATIONS AS PER NEP 2020
GUIDELINES

Minutes of the Meeting of the Board of Studies in History held on 12th November 2021 in the Department of History, S. V. University, Tirupati.

MEMBERS OF THE BOARD OF STUDIES

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SRI VENKATESWARA UNIVRSITY:: TIRUPATI
DEPATMENT OF HISTORY

Minutes of the Board of Studies Meeting.
Venue: HOD Chamber

Dated: 22-2-2022
Time: 11.00 AM

Members present:

S.NO	NAME OF THE FACULTY MEMBER	DESIGNATION
1	Prof. P. BHASKAR REDDY	BOS Chairman
2	Prof. B.V.MURALIDHAR	HOD LIS

Agenda: 1. Finalization of syllabus for History for its introduction from the Academic year 2021-2022.
2. Any other item.

Resolutions:

1. The History syllabus prepared as per Outcome Based Education (OBE) has been discussed and by following the suggestions/Improvements were incorporated as suggested by members of BOS and External Experts.

2. Under National Educational Policy (NEP), skill development and multidisciplinary courses were introduced at III and IV semester, respectively.

3. Course curriculum contents were discussed at length and History programme syllabus was drafted.

Course Name	Course Code	Year of Introduction
History of Modern India, 1757 – 1947	103	2021-22
History of Modern Africa	205b	2021-22
Communication and Soft Skills	304	2021-22
Intellectual History of 19th Century India	305b	2021-22
History of Modern Latin America	403d	2021-22
History of Science and Technology in India 1858-1947	404	2021-22
Outlines of Andhra History and Culture	405a	2021-22
Health, Medicine and Society in Modern India	405b	2021-22
History of Andhras upto 1336 AD	105A	2021-22

Based on the above considerations, the BOS members unanimously resolved to approve and recommended the Revised Syllabus with effect from the Academic Year 2021-2022.

Signatures:

S.NO	NAME OF THE FACULTY MEMBER	SIGNATURE
1	Prof. P. BHASKAR REDDY	PBReddy
2.	Prof. B.V.MURALIDHAR	

PBReddy
HEAD
DEPARTMENT OF HISTORY
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502, A. P

30/9/2022

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DEPARTMENT OF HISTORY

S.V.U. COLLEGE OF ATRS

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR

M.A. HISTORY

WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

SYLLABUS

Choice Based Credit System (CBCS)

January 2022

SRI VENKATESWARA UNIVERSITY

Tirupati-517 502
Master of Arts
Subject: HISTORY

CBCS Pattern
(With effect from 2021-22)
The Courses of Study and the Scheme of Examinations

SEMESTER -I

	Components of Study	Course Number	**Title of the Course**	Instruction hours per week	**Credits**	**IA Marks**	**End Semester Exam Marks**	**Total**
SEMESTER-I	Core	HST 101	History of India Up to 650 A D	6	4	20	80	100
		HST 102	History of Indian Polity and Economy, 1206-1757	6	4	20	80	100
		HST 103	History of Modern India, 1757 – 1947	6	4	20	80	100
		HST 104	History of Modern World, 1900-1945	6	4	20	80	100
	Compulsory Foundation	HST 105 (A)	History of Andhrasupto 1336 A D	6	4	20	80	100
		HST 105 (B)	History of World Civilizations	6	4	20	80	100
	Elective Foundation	HST 106 (A)	Theoretical Concepts of Tourism	6	4	20	80	100
		HST 106 (B)	History of Medieval World	6	4	20	80	100
	Audit Course*	HST 107	Human Values and Professional Ethics-I.			**0**	**0**	**100**

* All **Core** Papers are **Mandatory**
*Compulsory Foundation – Choose **One** paper
*Elective Foundation - Choose**ONE**
*Audit Course – 100 Marks (Internal) – Zero Credits under self study
*Interested students may register for MOOC with the approval of the concerned DDC but it will considered for the award of the grade as open elective only given extra credits

SEMESTER -II

	Components of Study	Course Number	Title of the Course	Instruction hours per week	Credits	IA Marks	End Semester Exam Marks	Total
SEMESTER II	Core	HST 201	History of India 650-1206 A D	6	4	20	80	100
		HST 202	Social and Cultural History of India, 1206-1757	6	4	20	80	100
		HST 203	Freedom Movement in India, 1857 –1947	6	4	20	80	100
		HST 204	History of Contemporary World, 1945-2000	6	4	20	80	100
	Compulsory Foundation	HST 205	A) History of Vijayanagara Empire B) History of Modern Africa	6	4	20	80	100
	Elective Foundation	HST 206	A) Historical Application of Tourism in India B) Women Studies in Modern India	6	4	20	80	100
	Audit Course*	HST 207	Human Values and Professional Ethics-II			**0**	**0**	**100**

* All **Core** Papers are **Mandatory**
*Compulsory Foundation – Choose **One** paper
*Elective Foundation - Choose**ONE**
*Audit Course – 100 Marks (Internal) – Zero Credits under self study
*Interested students may register for MOOC with the approval of the concerned DDC but it will considered for the award of the grade as open elective only given extra credits.

SEMESTER -III

	Components of Study	Course Number	Title of the Course	Instruction hours per week	Credits	IA Marks	End Semester Exam Marks	Total
SEMESTER - III	Core	HST 301	Historical Method and Concepts	6	4	20	80	100
		HST 302	Contemporary History of India-I	6	4	20	80	100
	Generic Elective (Related to Subject)	HST 303 (A)	History of USA, 1776- 1963	6	4	20	80	100
		HST 303(B)	History of Modern Andhra, 1766 –1972	6	4	20	80	100
		HST 303 (C)	Indian Foreign Policy: An Introduction	6	4	20	80	100
		HST 303 (D)	Environmental History of Modern India	6	4	20	80	100
	Skill Oriented Course	HST 304	Communication and Soft Skills	6	4	20	80	100
	Open Elective (For other Departments	HST 305 (A)	Economic and Cultural History of India, 1757-1857	6	4	20	80	100
		HST 305(B)	Intellectual History of 19th Century India	6	4	20	80	100

* All **Core** Papers are **Mandatory**
***Generic Elective** – Choose **Two** papers
***Skill Oriented** course is **Mandatory**
***Open Electives** are for the Students of other Departments. Minimum **One Paper** should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study.
*Interested students may register for MOOC with the approval of the concerned DDC.

SEMESTER –IV

	Components of Study	Course Number	Title of the Course	Instruction hours per week	Credits	IA Marks	End Semester Exam Marks	Total
SEMESTER - IV	Core	HST 401	Historiography	6	4	20	80	100
		HST 402	Contemporary History of India-II	6	4	20	80	100
	Generic Elective (Related to Subject)	HST 403(A)	International Relations and Organizations	6	4	20	80	100
		HST 403(B)	Constitutional History of India, 1773-1950	6	4	20	80	100
		HST 403(C)	History of Modern Asia 1868-1960	6	4	20	80	100
		HST 403 (D)	History of Modern Latin America	6	4	20	80	100
	Multidisciplinary Course/Project	HST 404	History of Science and Technology in India 1858-1947	6	4	20	80	100
	Open Elective (For other Departments	HST 405 (A)	Outlines of Andhra History and Culture	6	4	20	80	100
		HST 405 (B)	Health, Medicine and Society in Modern India	6	4	20	80	100

* All **Core** Papers are **Mandatory**
*Generic Elective – Choose **Two** papers
*Multidisciplinary/ Project Work is **Mandatory**
*Open Electives are for the Students of other Departments. Minimum One Paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study.
*Interested students may register for MOOC with the approval of the concerned DDC.

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
S. V.U COLLEGE OF ARTS: TIRUPATI

Minutes of the meeting of the Board of studies held on -21-10-2021, at 10:30A.M. Online in the department of Library and Information Science.

Members Present

1. Prof D. Ravinder
   Dept. Of Library and Information Science, SK University, Anantapuramu — Chairman, BOS

2. Dr.M.PrasanthaKumari, Asst. Professor, I/c Head,
   Dept. Of Library and Information Science
   SV U College of Arts, Tirupati. — Ex - Officio Member

3. Prof. Sadik Bacha
   Dept., of Library and Information Science
   Annamalai University, Annamalai Nagar (T.N) — Member

4. Prof.Kesava
   Dept., of Library and Information Science
   Tumkur University, Tumkur (Karnataka) — Member

After a detailed discussion on the existing syllabus the Board resolved:

- To revise the syllabus as per the action plan of the NEP – 2020
- To treat HVPE (Human Values and Professional Ethics) in First and Second Semesters as "Audit Courses"(100 Marks (Internal) – Zero credits) for introducing the Skill Oriented Course in Third Semester , by keeping 24 credits per Semester (4 credits each paper) and a total of 96 credits for the entire P.G.Program
- To confine the minimum intake of 10 and maximum 30 students for the Open Electives
- To assign 20 marks for internal assessment and 80 marks for semester end examinations

Prof D. Ravinder

Dr M. Prasanthakumari Head,I/C

Prof. Sadik Bacha

Prof.Kesava

Prof. Kesava

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
DEPARTMENT OF ARTS
PROGRAMME: LIBRARY & INFORMATION SCIENCE

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

S.No	Name of the Programme	Programme Code	Name of courses Revised
1	**Library & Information Science**	168	LIS 101: Foundations of Library and Information Science LIS 102: Knowledge Organization : Classification Theory LIS 104: Knowledge Management LIS 105 (A): Introduction to Information Technology LIS 106 (A): Information and Communication LIS 201: Information Sources and Services LIS 202: Knowledge Organisation: Cataloguing Theory LIS 205(A) Library Management LIS 206(A) Scholarly Communication LIS 301: Information Processing and Retrieval Theory LIS 302: Library Automation and Digital Library LIS 303(B) Academic Library System LIS 304 Communication, soft skills and Etiquette LIS 401: Research Methodology LIS 402: Software for Libraries – Practice LIS 403(B) Management of Information System

Members present:

1. Dr. M. Prasantha Kumari – Assistant Professor – Head In-charge

M. Prasantha

ASST. PROFESSOR & I/C HEAD
DEPT. OF LIBRARY AND INFORMATION SCI
SRI VENKATESWARA UNIVER
TIRUPATI-517 502

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

S.V.U. COLLEGE OF ATRS

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR

Master of Library and information Science

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

SRI VENKATESWARA UNIVERSITY
Department of Library and information Science
SEMESTER - I
LIS 101: FOUNDATIONS OF LIBRARY AND INFORMATION SCIENCE
SRI VENKATESWARA UNIVERSITY

Department of Library and information Science
Semester –I

S. No	Components of Study		Title of the Paper	Credit Hrs/ Week	No. of Credit	IA Marks	Sem.End Exam Marks	Total
1	Core	101	Foundations of Library and Information Science	6	4	20	80	100
2		102	Knowledge Organization : Classification Theory	6	4	20	80	100
3		103	Knowledge Organization : Classification Practice	6	4	20	80	100
4		104	Knowledge Management	6	4	20	80	100
5	Compulsory Foundation	105 (A)	Introduction to Information Technology	6	4	20	80	100
6	Elective Foundation	106 (A)	Human Values and Professional Ethics - I	6	4	20	80	100
			Total	36	24	120	480	600

Semester - II

S. No	Components of Study		Title of the Paper	Credit Hrs/ Week	No. of Credit	IA Marks	Sem.End Exam Marks	Total
1	Core	201	Information Sources and Services	6	4	20	80	100
2		202	Knowledge Organization : Cataloguing Theory	6	4	20	80	100
3		203	Knowledge Organization : Cataloguing Practice	6	4	20	80	100
4		204	Meta Data Standards – Practice	6	4	20	80	100
5	Compulsory Foundation	205 (A)	Introduction to Information Technology	6	4	20	80	100
6	Elective Foundation	206 (A)	HumanValues and Professional Ethics-II	6	4	20	80	100
Total				36	24	120	480	600

Semester III

S. No	Components of Study		Title of the Paper	Credit Hrs/ Week	No. of Credit	IA Marks	Sem.End Exam Marks	Total
1	Core	301	Information Processing and Retrieval Theory	6	4	20	80	100
2		302	Library Automation and Digital Library	6	4	20	80	100
3		303	Search and search strategies	6	4	20	80	100
5	Generic Elective	304 (A)	User Studies		4	20	80	100
	.	304 (B)	Internship	6	4	20	80	100
		304(C)	Academic Library System	6				
		304(D)	Special Library System					
6	Open Elective	305(A)	Information Literacy	6	4	20	80	100
		305(B)	Inforamation and Communication					
			Total	36	24	.	480	600
						.		

Semester –IV

S. No	Components of Study		Title of the Paper	Credit Hrs/ Week	No. of Credit	IA Marks	Sem. End Exam Marks	Total
1	Core	401	Research Methodology	6	4	20	80	100
2		402	Software for Libraries - Practice	6	4	20	80	100
3		403	Dissertation / Project work	6	4	20	80	100
5	Generic Elective	404 (A)	Management of Information system		4	20	80	100
	.	404 (B)	Museums and Archives	6	4	20	80	100
		404(C)	Information Processing and Retrieval : UDC and Indexing Practice	6				
		404(D)	Marketing of Information Products and Services					
6	Open Elective	405(A)	Information Systems and Programmes	6	4	20	80	100
		405(B)	Technical Writing					
Total				36	24	.	480	600
						.		

14-12-2021

From	To
Prof. N Padma, Chairperson of Board of Studies (PG) Dept. of Performing Arts S. V.U. College of Arts, Sri Venkateswara University, Tirupati – 517502	The Registrar, Sri Venkateswara University, Tirupati – 517502 Chittor District

Dear Sir,

Sub: Minutes of the meeting of the Board of Studies in Performing Arts (Music) (PG) - Forwarding - Regarding

I am herewith sending the minutes of the Board of Studies meeting held on 15th November 2021 at the Department of Performing Arts, S.V University, Tirupati along with the revised Syllabus for the M.A. degree course in Performing Arts (Music)/ Music/ Dance.

Thanking You

Yours faithfully,

N. Padma 14/12/2021

CHAIRPERSON
Board of Studies
Dept. of Performing Arts
S.V. University
TIRUPATI-517 502

Encl:
1. Minutes of the Meeting of the BOS in Performing Arts (Music)
2. Revised Syllabus
3. Model Question papers

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14 DEC 2021
TIRUPATI

SRI VENKATESWARA UNIVERSITY::TIRUPATI
DEPARTMENT OF PERFORMING ARTS

Minutes of Meeting of BOS with Internal members held on 5th November 2021 at 11.00 AM in the Department of Performing Arts , S.V.University, Tirupati

The members of BOS discussed the M.A. Performing Arts (Music) Syllabus as per NEP -2020 syllabus and regulations under CBCS and unanimously approved the enclosed syllabus and regulations for M.A. Performing Arts (Music) to be effective for the batch of students to be admitted from 2021-22 onwards.

PA-M 105-A Compulsory Foundation	Abhyasa Gana-1 (P) (Ability to Sing / play Akaram for Swaravali, Janta, Thattu and Sthayi exercises in Three Speeds in Sankarabharanam, Karaharapriya, Kalyani , Todi , Shanmukhapriya
PA-M 105- B Compulsory Foundation	Abhyasa Gana-2 (P) (Ability to render 2 Tana Varna-s in Adi tala in 3 speeds with Akara Sathagam)
PA-M 105- C Compulsory Foundation	Abhyasa Gana-3 (P) Ability to Sing / play raga ranchaka , ragachaya prayogas for five main ragas learned in the practical paper. Ability to Sing / play Six mela-s (Scales) from the one chakra from the 72 Melakarthas
PA-M 106 –A Elective Foundation	Bhajans (P): Ability to sing/play any five of the following Bhajan-s KabeerdasBhajan, MeeraBhajan, SurdasBhajan, TulsidasBhajan , Abhang, TarangamAshtapadi, TodayaMangalam, Tirupugazh, Tevaram, Tiruppavai,
PA-M 205-A Compulsory Foundation	Abhyasa Gana-4 (P) Ability to render/play SaptatalaAlankara in Three speeds in following raga-s Karaharapriya, Mohana, Madhyamavati, Sankarabharana and Shanmukhapriya. Graha exercise in Swaravali –s
PA-M 205-B Compulsory Foundation	Abhyasa Gana -5 (P) Ability to render **two Tana Varna**-s in Kandajati **Ata Tala** in 3 speeds with **Akarasadakam**.
PA-M 205-C Compulsory Foundation	Abhyasa Gana -6 (P) Ability to sing/play simple swara phrases and Mukthayi-s set to the following tala-s: Adi, Rupaka, Kanda Chapu and Misrachapu
PA-M 303-A Generic Elective	Vakra raga-s (P) **Ability to sing/play 5 compositions in following raga-s:** Kathanakuthuhalam, Begada, Ritigowla, Anandhabhairavi,Sahana, Devamanohari, Nalinakanthi, Nattakurinji, Sriragaand Poornachandrika.
PA- M 304 Skill oriented course	**Communication & Soft Skills (T)** **Unit – 1:** ***Types of Soft Skills& Intrapersonal Skills:*** Definition of soft skills – Types of Soft skills: **Intrapersonal Skills** –: Self-Confidence, Self-awareness, Adaptability & Flexibility, Attitude, Assertiveness, SWOC, Resilience

5/11/21
Dr. J. SANKAR GANESH, M.A.,Ph.D.
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CHAIRPERSON
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	Unit- II: InterpersonalSoft Skills:Active Listening Skills - Goal setting – Negotiation& Persuasion skills - Time Management - Stress Management - Problem Solving and Decision-Making Skills - Leadership Skills – Conflict Resolution **Unit – III:** ***Oral Communication Skills:*** Presentation skills –JAM - Role Plays, Public Speaking skills - GD Participation and co ordination. **Unit – IV:** ***Written Communication Skills:***Essay Writing - E mails- Report Writing – Memos. **Unit- V:*****Employability Skills*****:** Body Language - E-mail etiquette- Telephone etiquette - Dining etiquette– Grooming -Resume writing - Interview Skills.
PA-M 403-C Generic Elective	Post trinity composers- 20th century and beyond (P) **Any five compositions** of the following composers: 1. TirupatiNarayanaswamy 2. OgiralaVeeraraghavasharma 3. LalgudiJayaraman 4. GalipenchalaNarasimha Rao 5. M.D. Ramanathan 6 Dr.NagavalliNagaraj. 7. R.K. Padmanabha 8. BellariVenkatesa Achar.9.Noorani ParamaeswaranRamaswamy 10.Thulaseevanam M. Ramakrishna Pillai 11.BalamuraliKrishna.
PA-M 403- D Generic Elective	Ragamalika (P) : Ability to sing/play **any two Ragamalika-s**

5/11/21

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Sri Venkateswara University – Tirupati
Department of Performing Arts

Highlights of NEP 2020 Syllabus of Dept of Performing Arts

I SEMESTER

- In tune with NEP -2020 – 3 new courses introduced in the syllabus of I semester and these three new courses are introduced as optional courses in PA-M 105. The student will get **three options** in paper (PA-M 105- A -Abhyasa Gana-1 , PA- M 105-B- Abhyasa Gana-2, PA-M 105-C – Abhyasa Gana- 3) and all these courses are skill development oriented courses and helps the student to improve his performing Skill
- In NEP -2020 syllabus in I semester a new course introduced and the student will get **two options** in PA-M 106 (PA-M 106- A Bhajans (P), PA- M 106-B- Applied Theory). These two courses create interest in the Student and help in enhancing their knowledge in the subject.
- There is a Human values and Professional Ethics-1 PA- M 107- course is a 100 marks internal paper.

II SEMESTER

- In tune with NEP -2020 – 3 new courses introduced in the syllabus in course PA-M 205 There are 3 options provided to students (PA-M 205 A – Abhyasa gana -4, (PA-M 205 B – Abhyasa gana -5, (PA-M 205 C – Abhyasa gana -6) of) and all these courses are skill development oriented courses and helps the student to improve his performing Skill.
- In NEP -2020 syllabus in II semester two practical courses (PA-M 206 A and PA-M 206 B are given as options hence the student can choose the course according to the type of skill he wanted to improve. These two courses create interest in the Student and help in enhancing their knowledge in the subject.
- There is a Human values and Professional Ethics- 2 PA-M 207 course is a 100 marks internal paper.

III- SEMESTER

- In tune with NEP -2020 – 2 new courses introduced. First is PA-M 303- A- Vakra ragas course added as an generic elective course along with other three courses which help the student to improve and choose the course and enhance his knowledge in the subject
- PA-M 304 – Communication and soft skills course is introduced as skill oriented course which helps the all round development of the student.

IV- SEMESTER

- In tune with NEP -2020 – 2 new courses introduced. First is PA-M 403- C- & PA-M 403 D courses added as an generic elective courses along with other two courses which help the student to improve and choose the course and enhance his knowledge in the subject

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BoS

SRI VENKATESWARA UNIVERSITY: TIRUPATI

SVU COLLEGE OF ARTS
DEPARTMENT OF PERFORMING ARTS

(Revised Scheme of Instruction and Examination, Syllabus etc., under CBCS Regulations -2016 is Amended as per NEP-2020)
(With effect from the batch admitted in the academic year 2021-22)

M.A. PERFORMING ARTS - MUSIC

SEMESTER-I

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PA-M 101		Theory of Music (T)	6	4	Core-Theory / Practical	20	80	100
2	PA-M 102		SuddhaMadhyama Raga-s (P)	6	4		20	80	100
3	PA-M 103		ShadavaAudava Ragas (P)	6	4		20	80	100
4	PA-M 104		PancharatnaKriti-s of Tyagaraja (P)	6	4		20	80	100
5	PA-M 105	A	AbhyasaGana-1	6	4	CF	20	80	100
		B	Abhyasa Gana-2						
		C	Abhyasa Gana-3						
6	PA-M 106	A	Bhajans (P)	6	4	EF	20	80	100
		B	Applied Theory (T)						
Total				36	24		120	480	600
7	PA-M 107		Human Values and Professional Ethics - I	0	0	Audit Course	100	0	0

- All core papers are Mandatory
- Compulsory foundation – Choose any one
- Elective Foundation - Choose any one Paper
- Audit course – 100 Marks (Internal) – Zero Credit under self study
- ** Interested student may register for MOOCS with the approval of DDC

SEMESTER - II

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PA-M 201		History of Music (T)	6	4	Core-Theory / Practical	20	80	100
2	PA-M 202		PratiMadhyama Raga-s (P)	6	4		20	80	100
3	PA-M 203		Bhashanga Raga-s (P)	6	4		20	80	100
4	PA-M 204		Compositions inRare raga-s(P)	6	4		20	80	100
5	PA-M 205	A	AbhyasaGana-4	6	4	CF	20	80	100
		B	AbhyasaGana-5						
		C	AbhyasaGana-6						
6	PA-M 206	A	Compositions from Geyanataka-s (P)	6	4	EF	20	80	100
		B	Swarajati-s of SyamaSastry (P)						
Total				36	24		120	480	600
7	PA-M 207		Human Values and Professional Ethics - II	0	0	Audit Course	100	0	0

- All core papers are Mandatory
- Compulsory foundation – Choose any one
- Elective Foundation - Choose any one Paper
- Audit course – 100 Marks (Internal) – Zero Credit under self study
- ** Interested student may register for MOOCS with the approval of DDC

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SEMESTER-III

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PA-M 301		VilambakalaKriti-s (P)	6	4	Core-Theory / Practical	20	80	100
2	PA-M 302		Group Kriti-s (P)	6	4		20	80	100
3	PA-M 303	A	Vakra raga-s(P)	6	4	Generic Elective	20	80	100
		B	ManodharmaSangita(P)						
		C	Study of LakshanaGrantha- (T)	6	4		20	80	100
		D	Post Trinity Composers (P)						
4	PA-M 304		Communication and Soft skills (T)	6	4	Skill Oriented	20	80	100
5	PA-M 305	A	Patriotic / Folk songs (P)	6	4	Open Elective	20	80	100
		B	Devotional Songs -1(P)						
	Total			36	24		120	480	600

- All core papers are Mandatory
- Generic Elective – Student has to choose any one Paper two
- Skill oriented Course is mandatory–
- Open Elective are for the students of other Departments, Minimum one paper should be opted, extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study
- ** Interested student may register for MOOCS with the approval of DDC

SEMESTER-IV

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PA-M 401		Advanced Theory (T)	6	4	Core-Theory / Practical	20	80	100
2	PA-M 402		Concert (P)	6	4		20	80	100
3	PA-M 403	A	RagamTanamPallavi (P)	6	4	Generic Elective	20	80	100
		B	Compositions of Dance Repertoire (P)						
		C	Post trinity composers- 20th century and beyond (P)	6	4		20	80	100
		D	Ragamalika (P)						
4	PA-M 404		Project Work (P)	6	4	*PW	20	80	100
6	PA-M 405	A	Compositions of Annamayya (P)	6	4	Open Elective	20	80	100
		B	Devotional Songs -2(P)						
	Total			36	24		120	480	600

- All core papers are Mandatory
- Generic Elective – Student has to choose any one Paper two
- *Multidisciplinary Course/ Project work is Mandatory
- Open Elective are for the students of other Departments, Minimum one paper should be opted, extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study
- ** Interested student may register for MOOCS with the approval of DDC

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SEMESTER-I

PA–M 101:THEORY OF MUSIC (T)

Core Paper

OBJECTIVES

1. To assess nuances of raga and the musical forms figuring in Carnatic classical music
2. To gain knowledge on composers and compositions of Post trinity period

Unit -1 Structural and Melodic organization of the following musical forms – Gitam, Varna, Svarajati, Krti, Kirtana, Ragamalika, Padam, Javali&Thillana.

Unit -2 Study of the Rhetorical Beauties in musical compositions - Prasa, yati, antyaprasa, anuprasa, yamaka, svarakshara and padaccheda. Various Mudra-s figuring in music compositions.

Unit -3 Lakshana-s of the following raga-s - Todi, Sankarabharanam, Kalyani, Anandabhairavi, Dhanyasi, Bhairavi, Kambhoji, Purvikalyani

Unit -4 Study of the Pancadasagamaka-s, dasavidhagamaka-s and Gamaka signs used in SangitaSampradayaPradarsini

Unit -5 Contribution of the following composers to Music - VinaKuppayyar, PatnamSubrahmaniaIyer, Mysore Vasudevachar, Papanasam Sivan, HarikesanallurMuttayyaBhagavata and Ramanathapuram Srinivasa Ayyangar

REFERENCE BOOKS

Book	Author
SangitaSampradayaPradarshini	SubbaramaDikshitar
Andhra Vaggeyakkaracharitralu	B.RajinikanthaRao
History of Indian Music	P.Sambamurthy
Great Composers- Book 1&2	P.Sambamurthy
History of music	RangaramanujaIyengar
Tanjore as a Seat of Music	S Seetha
South Indian Music Books Vol 1 to 6	P.Sambamurthy
An historical study of Indian Music	Swami Prajnanananda
A Dictionary of South Indian Music and Musicians (All volumes)	P Sambamurthy
SangitasastraSaramu	S.R.Janakiraman
Raga at a glance	S.R.Janakiraman
SangitasastraSudharnavamu	NookalaCinnaSatyanarayana

Articles in Music Journals

Articles Downloadable fromThe Website- www.musicresearch.in

OUT COME

1. The student will gain complete knowledge in the nuances of raga-s and its grammar figuring in Carnatic music and understand the literary and melodic aspects of the musical forms.
2. The student will aware of the compositions in various styles of different regions of the country in various vernacular languages of post trinity period composers which is to extending his knowledge on musical composition and the composers

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PA-M 102:SUDDHA MADHYAMA RAGA-S (P)
Core Paper

OBJECTIVES

1. To provide elaborate acquaintance in popular rakthi ragas with SuddhaMadhyama of Carnatic music
2. To provide additional knowledge on the musical compositions composed in mainrakthi ragas of Carnatic music in suddhamadhyama of Carnatic music.

Ability to sing/play any Five Compositions from the following raga-s:

Sankarbharanam, Kharaharapriya, Todi, Bilahari, Saveri, Kiravani, Dhanyasi, Kanada, Mayamalavagaula, Harikambhoji, Sahana, Gowrimanohari, Charukesi, Nata,Ritigaula,

OUT COME:

1. To plan and perform Carnatic music concerts successfully by acquiring proficiency on Suddhamadhyama raga-s
2. This paper helps to prepare the list of songs to attend gradation test from AIR

PA-M 103: SHADAVA AUDAVA RAGAS (P)
Core Paper

OBJECTIVE

1. To assist the student to render pentatonic and hexatone scales in Carnatic music by learning different musical compositions in these raga-s
2. To gain wide knowledge on variety of shadavaaudava ragas popularly prevailing in present music platforms.

Ability to sing/play any Five Compositions from the following raga-s:

Madyamavati, Mohanam, Vasantha, Hindolam, Sriranjani, Amruthavarshini, Hamsanandhi, Arabhi, Abheri, Malayamarutham, Abohi, Valaji, Revathi, Sivaranjani, Bhopalam, Bowli, SuddhaSaveri, SuddhaDhanyasi.

OUT COME

1. Ability to perform or compose songs in various shadavaaudava of Carnatic music.
2. Ability to understand and appreciate pentatonic hexatone scales of global musicPlatform

PA–M 104:PANCHARATNA KRITI-S OF TYAGARAJA (P)
Core Paper

OBJECTIVE

1. It is mandatory for a music performer to acquire proficiency on five Gem compositions of Tyagaraja in Carnatic music.
2. To help the student to acquire knowledge on Pancharatna, this helps to perform invariousTyagarajaAradhana music festivals all over the world.

To sing/play any two PancaratnaKrti-s of Tyagaraja out of the raga-s,

Nata, gaula, Arabhi, Varali and Sri.

OUT COME:

1. Ability to participate and perform in Tyagaraja Aradhana festival by variousOrganizations.
2. Ability to perform in the congregational singing/playing in the iconic musical festivalof India and in Tyagaraja Aradhana conducted in Global platforms.

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PA–M 105(A): ABHYASA GANA-1 (P)
Compulsory Foundation

OBJECTIVES

1. To remind and refresh the preliminary exercises on tonal aspect to make the student to understand the accuracy of musical notes
2. To make the student to render accurate musical note

Ability to sing/play Akaram for Swaravali,Janta, Thaatu and Sthayi exercises in three speeds in Sankarabharanam, Karaharapriya, Kalyani, Todi, Shanmukhapriya

OUT COME:

1. Ability to render musical notes with accurate frequency
2. Ability to produce different svara variety figuring apart from basic scales

PA–M 105(B): ABHYASA GANA-2 (P)
Compulsory Foundation

OBJECTIVES:

1. It helps to bridge the gap between Abhyasagana and Sabha gana
2. It helps to learn ragabhava and ragaranchakaprayogas and all sort of possible phrases

Ability to render **two Tana Varna-s** in **Adi Tala** in 3 speeds with Akarasadakam

OUT COME:

1. Ability to develop improvisation the raga alapana aspect of Carnatic music
2. Ability to develop improvisation theKalpanaswara aspect of Carnatic music

PA-M 105(C): ABHYASA GHANA-3 (P)
Compulsory Foundation

Objectives

1. To make the student familiar with raga ranchakaprayogas of main ragas of Carnatic music.
2. To make him understand 16 swara names based on 12 semitones

- Ability to sing/play raga ranjaka, ragachayaprayoga-s for 5 main raga-s learnt in the practical paper
- Ability to sing/play six mela-s (Scales) of any one chakra from the 72 Melakartha.

OUTCOME:

1. Help the student to obtain the basic knowledge on rendering raga alapana
2. Help to understand and produce vivadiswaras and Vivadi ragas figuring in 72Melakartha of carnaticMusic

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PA-M 106(A): BHAJAN-S (P)
Elective Foundation

OBJECTIVES

1. To make the student familiar with different language musical compositions
2. To make the student learn the techniques of congregational singing/playing

Ability to sing/play any five of the following Bhajan-s

Kabeerdas Bhajan, Meera Bhajan, Surdas Bhajan, Tulsidas Bhajan, Abhang, TarangamAshtapadi, Todaya Mangalam, Tirupugazh, Tevaram, Tiruppavai,

OUTCOME:

1. Help the student to obtain knowledge on musical compositions in vernacular languages
2. Help to develop teamwork skills and reduce stress.

PA-M 106(B): APPLIED THEORY (T)
Elective Foundation

OBJECTIVES

1. To encourage the students to learn other music genres like Hindusthani, western, folkand Operas
2. To encourage the research in comparing carnatic music with other genres.

Unit -1	Outline knowledge of Hindustani Music - the raga classification system (Thats); knowledge of the basic tala-s. Structure of Dhrupad, Khyal and Thumri. Outline knowledge of the different gharana-s
Unit -2	Western Music: Melody, Harmony, Polyphone, Consonance, Dissonance, Harmonics, and Staff Notation. Ability to write in Western notation the following - Arohana and avarohana of Todi, Kalyani, Mayamalavagaula, Sankarabharana and Kharaharapriya scales; "varavina" Gita in Mohana raga.
Unit -3	Folk music of South India - various kinds, tunes or melodies figuring in them - tala-s found - instruments used.
Unit -4	Knowledge of the forms used in bhajana tradition - kirtan-s, bhajan-s, Utsavasampradayakirtana-s and DivyanamaSankirtana-s of Sri Tyagaraja, Ashtapadi, Tarangam, Divyaprabandham and Tiruppugazh.- Contribution of Bhajana Trinity – SridharaVenkatesaAyyaval, BodhendraSadguru Swami – MarudanallurSadguruSwamigal.
Unit -5	Opera of South India - general characteristics - different forms used in geyanataka-s; detailed knowledge of the geyanataka-s of Sri Tyagaraja namely, Naukacaritramu and Prahladabhaktavijayam, Nandanarcaritram of Gopalakrishnabharati and Ramanatakam of Arunacalakavirayar.

Book	Author
HarikathaVagmayaCharithra	V.Seetharamanjaneya
Kathakalakshepa – a study	PremeelaGurumurthy
Naukacaritramu of Tyagaraja	S Bagavathy
PrahladabhaktaVijayamuofTyagaraja	Ed. T S Parthasarathy
Nandanarcaritra of Gopalakrishnabharati	Ed. S Ramanathan
Folk Music of Andhra Pradesh	VinjamuriSeethadevi
Folk, Faith and Feudalism	Singhi
Telugu HarikathaSaraswamu	T.Donappa
Bharathanatya – a criticalstudy	R.Satyanarayana
South Indian Music Books Vol 1 to 6	P.Sambamurthy
The Opera in South India	S.A.K. Durga
Traditional Indian Theatre (Multiple Streams)	KapilaVatsyayan
Articles in music journals	

Articles downloadable from the website- www. musicresearch.in

OUT COME:

1.Ability to write about other genres music and its relationship with Carnatic Music.
2. Ability to develop the musicological knowledge of the student.

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PA-M 107: HUMAN VALUES AND PROFESSIONAL ETHICS – I
Audit Course Paper

UNIT – I	Definition and Nature of Ethics- Its relation to Religion, Politics, Business, Legal, Medical and Environment. Need and Importance of Professional Ethics - Goals - Ethical Values in various Professions.
UNIT – II	Nature of Values- Good and Bad, Ends and Means, Actual and potential Values, Objective and Subjective Values, Analysis of basic moral, concepts- right, ought, duty, obligation, justice responsibility and freedom, Good behavior and respect for elders.
UNIT – III	Ahimsa (Non-Violence), Satya (Truth), Brahmacharya (Celibacy), Asteya (Nonpossession) and Aparigraha (Non- stealing). Purusharthas (Cardinal virtues)-Dharma (Righteousness), Artha (Wealth), Kama (Fulfillment Bodily Desires), Moksha (Liberation).
UNIT – IV	Bhagavad Gita- (a) Niskama karma (b) Buddhism- The Four Noble Truths – Arya astangamarga (c) Jainism- mahavratas and anuvratas. Values Embedded in Various Religions, Relirious, Tolerance, Gandhian Ethics.
UNIT – V	Crime and Theories of punishment- (a) Reformative, Retributive and Deterrent. (b) Views on manu and Yajnavalkya.

Books for study:

1. R. Subramanian, Professional Ethics, Oxford University press,New Delhi,2013.
2. John S Mackenjie: A manual of ethics.
3. "The Ethics of Management" by Larue Tone Hosmer, Richard D. Irwin Inc.
4. "Management Ethics - integrity at work' by Joseph A. Petrick and John F. Quinn, Response Books:New Delhi.
5. "Ethics in Management" by S.A. Sherlekar, Himalaya Publishing House.
6. Harold H. Titus: Ethics for Today
7. Maitra, S.K: Hindu Ethics
8. William Lilly : Introduction to Ethics
9. Sinha: A Manual of Ethics
10. Manu: Manu Dharma Sastra or the Institute of Manu: Comprising the Indian System of Duties: Religious and Civil(ed.) G.C.Haughton.
11. Susruta Samhita: Tr.KavirajKunjanlal, KunjalalBrishagratha, Chowkamba Sanskrit series, Vol I,II and III, Varnasi, Vol I OO, 16-20, 21-32 and 74-77 only.
12. CarakaSamhita :Tr. Dr.Ram Karan Sarma and Vaidya Bhagavan Dash, Chowkambha Sanskrit Series office, Varanasi I, II, III Vol I PP 183-191.
13. Ethics, Theory and Contemporary Issues., Barbara Mackinnon, Wadsworth/Thomson Learning, 2001.
14. Analyzing Moral Issues, Judith A. Boss, Mayfield Publishing Company, 199

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II- SEMESTER

PA-M 201: HISTORY OF MUSIC (T)
Core Paper

OBJECTIVES

1. To provide knowledge on musical cultural heritage of India through centuriesand itsimportance in the musical history.
2. To evaluate the ethnicity of music through various milestones in the history of music and understand its nobility

Unit -1	Knowledge on the work about names of the works with authors and period; Detailed knowledge of the following lakshanagranta-s Bharatha ,Brihaddesi and Sangita Ratnakara emphasizing the following technical terms Nada, Sruti, Svara, Grama, Murcchana, Jati, Tana, Kuta-tana etc.
Unit -2	Sources that provide materials to know the history of music – Temples, Inscriptions, paintings, sculptures, and manuscripts.
Unit -3	Music of the Ancient Tamils – Outline knowledge of musical references found in Silappadikaram - Palai and Pann system; Knowledge about Musical forms – Tevaram, Tiruvachakam, Diyaprabhandam, Tiruppugazh, Tiruvarutpa and KavdiChindu.
Unit -4	Concept of Mela and the classification of raga-s under mela-s as described in the following works: - Svaramelakalanidhi of Ramamatya, Caturdandiprakasika of Venkatamakhi and its anubandha and the SangrahaCudamani of Govinda.
Unit -5	Music patronised in the courts of Tanjavur, Tiruvananthapuram, Mysore, Vijayanagaram and Madras (Chennai)

Facets of notation in South Indian Music	SaradaGopalam
RagalakshanaSangraha	HemaRamanathan
Ragas at a glance	S R Janakiraman
Raga lakhanaSangrahamu (Pt.1-3)	NookalaCinnaSatyanarayana
RagamTanam Pallavi	M B Vedavalli
Essays on Tala and Laya	N Ramanathan
Tala Sangraha	B M Sundaram

OUTCOMES:

1. To enable the student to prepare for competitive exams like NET / SET/ DSC etc.
2. To involve the student in developing research skills in music arena.

PA-M 202: PRATI MADHYAMA RAGA-S (P)
Core Paper

OBJECTIVE

1. To provide elaborate acquaintance in popular rakthi ragas with PratiMadhyama of CarnaticMusic
2. To provide additional knowledge on the musical compositions composed in main rakthi ragasof Carnatic music in Pratimadhyama melas.

Ability to sing /play any Five Compositions from the following raga-s:

Kalyani, Vachaspathi, Latangi, Pantuvarali, Purvikalyani, Shanmukhapriya, Simhendramadhyamam, Dharmavati, Hamsanandi, Ranjani, Ramapriya, Varali, Yamuna Kalyani, Subhapantuvarali

OUTCOMES:

1. To plan and perform Carnatic music concerts successfully by acquiring proficiency onPratimadhyama ragas
2. This paper helps to prepare the list of songs under the Pratimadhyama category to attend gradation test from AIR

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PA-M203: BHASHANGA RAGA-S (P)
Core Paper

OBJECTIVES

1. To educate theStudent on the special aspects of Bhashanga ragas and the technique behind the rendering of Bhashanga Raga-s
2. To facilitate to learn on various historical changes occurred through centuries on various raga-s.

To sing/play any Five kirtana-s in the following Bhashanga raga-s:

Anandabhairavi, Kapi, Atana, Saranga, Khamas, Mukhari, Useni, Asaveri, Behag, Desh, Hamirkalyani, Sourastram, Nilambari, Rudrapriya, Sindhubhairavi and Brindavanasaranga.

OUT COMES:

1. Attracting audience by rendering musical compositions in Bhashanga ragas in musicalconcerts
2. This paper helps to prepare the list of songs under the Bhashanga Raga category to attend gradation test from AIR

PA-M204: COMPOSITIONS IN RARE RAGA-S (P)
Core Paper

OBJECTIVES

1. To educate the learner about rare ragas which, are not commonly performed inconcerts.
2. To educate the newly invented ragas also through compositions

To sing/play any Five Compositions in the following Rare raga-s:

Cintamani, Jayantasri, Jayamanohari, Madhavamanohari, Salanganata, Sarasvatimanohari, Chandrajyoti, Vivardhini, Ganavaridhi, Kalanidhi, Kathanakutuhalam, Vasanthabhairavi, Vijayanagari, Niroshta, Karnaranjani, Malavasri, Kalanidhi, Umabharanam.

OUTCOMES:

1. Ability to perform rare and uncommon ragas to show his wide knowledge in theSubject.
2. Able to update the knowledge about newly invented ragas and uncommon ragas

PA-M 205(A): ABHYASAGANA - 4 (P)
Compulsory Foundation

OBJECTIVE

1. Ability to develop grip over different degrees of speeds in 'Suladi tala' aspect
2. Ability to learn different commencements of the compositions

Ability to render/play Sapta tala Alankara in Three speeds in following raga-s

- Karaharapriya, Mohana, Madhyamavati, Sankarabharana and Shanmukhapriya.
- Graha exercise in Swaravali -s

OUT COMES

1. Helps student in better understanding of Suladi tala system
2. Helps the student to render different variety of compositions / Pallavi-s with differentgraha-s

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PA-M 205 - B -ABHYASAGANA– 5 (P)
Compulsory Foundation

OBJECTIVES

1. To provide advance level of training to make the student to perform music at concert Level.
2. Advance level foundation course will help the student to achieve perfectness in Tala / Rhythmic rendering.

- Ability to render **two Tana Varna-s** in KandajatiAta Talain 3 speeds with **Akarasadakam.**

OUTCOMES

1. Capable of rendering lengthy composition in 3 speeds.
2. It helps to student to command over difficult tala.

PA – M 205 C–ABHYASAGANA – 6 (P)
Compulsory Foundation

OBJECTIVE

1. Ability to develop manodharma skills by singing/playing kalpanaswara in different tala-s
2. Ability to develop rhythmic skill (layagnana) aspect in singing/playing

- Ability to sing/play simple swara phrases and Mukthayi-s set to the following tala-s: Adi, Rupaka, Kanda Chapu and Misrachapu

OUT COME

1. Capable of exploring Manodharma aspect of KalpanaSwara.
2. Helps a student like a stepping stone for developing Manodharma skill

PA-M – 206 A - COMPOSITIONS FROM GEYANATAKA-S (P)
Elective foundation

OBJECTIVE

1. To understand the interrelationship between text, theme of the song and music
2. To know about application of music applied to other related art forms (Opera)

Any **Four** compositions from any one of the following GeyaNataka-s

PrahladhaBhakthiVijayam
NandanarCharitram,
NaukaCharitram
Rama Natakam

OUT COMES

1. Knowledge in application of music in other art fields like theatre, opera etc.
2. Knowledge to select and utilize ragas according to the theme and text

PA-M 206 -B-SVARAJATI-S OF SYAMASASTRI (P)
Elective foundation

OBJECTIVE

1. To inculcate advance rhythmic and melodic compositions like swarajati of SyamaSastri help to improve student's knowledge in laya and raga aspects of Music.
2. To educate the student to understand the exploration of raga bhava and rhythmic Intricacies of Swarajati-s of SyamaSastri.

To sing/play any two Svarajati-s of SyamaSastri in the raga-s:

Bhairavi, Yadukulakambhoji and Todi.

Outcome

1. It will help the student to improve the perfect rendering of Swarasahitya in a flawless rhythmical way.
2. It will help to exhibit his dexterity in presenting scholarly compositions.

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PA-M 207: HUMAN VALUES AND PROFESSIONAL ETHICS – II
Audit Course Paper

UNIT – I Value Education- Definition - relevance to present day - Concept of Human Values - self introspection -Self esteem. Family values-Components, structure and responsibilities of family- Neutralization of anger – Adjustability Threats of family life -Status of women in family and society - Caring for needy and elderly Time allotment for sharing ideas and concerns.

UNIT – II Medical ethics- Views of Charaka, Sushruta and Hippocratus on moral responsibility of medical practitioners. Code of ethics for medical and healthcare. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health Care professionalsprofessionals and patients. Social justice in health care, by human cloning, problems of abortion. Ethical issues in genetic engineering Ethical issues raised new biological technology or knowledge.

UNIT – III Business ethics- Ethical standards of business-Immoral and illegal practices and their solutions. Characterics of ethical problems in management, ethical theories, causes of unethical behavior, ethical abuses and work ethics.

UNIT – IV Environmental ethics- Ethical theory, man and nature- Ecological crisis, Pest control, Pollution and waste, Climate change, Energy and population, Justice and environmental health.

UNIT – V Social ethics- Organ trade, Human trafficking, Human rights violation and social disparities, Feminist ethics, Surrogacy/pregnancy. Ethics of media-Impact of Newspapers, Television, Movies and Internet.

BOOKS FOR STUDY:

1. R. Subramanian, Professional Ethics, Oxford University press,New Delhi,2013.
2. John S Mackenjie: A manual of ethics.
3. "The Ethics of Management" by Larue Tone Hosmer, Richard D. Irwin Inc.
4. "Management Ethics-integrity at work' by Joseph A. Petrick and John F. Quinn, Response Books:New Delhi.
5. "Ethics in Management" by S.A. Sherlekar, Himalaya Publishing House.
6. Harold H. Titus: Ethics for Today
7. Maitra, S.K: Hindu Ethics
8. William Lilly: Introduction to Ethics
9. Sinha: A Manual of Ethics
10. Manu: Manava Dharma Sastra or the Institute of Manu: Comprising the Indian System of Duties: Religious and Civil (ed.) G.C.Haug

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III – SEMESTER

PA-M 301:VILAMBAKALA KRTI-S (P)
Core Paper

OBJECTIVE

1. To get grip over slow tempo rhythm
2. To learn and command over on the different tempo of the raga phrases

Ability to sing/play **any Four Compositions in Vilambakala** composed by any of thefollowing Composers:

Tyagaraja, MuthuswamyDikshita, SyamaSastri, Swati Tirunal, Mysore Vasudevachar, HarikesanallurMuttayyaBhagavatar, Ramanad Srinivasa Iyengar, Papanasam Sivan, SubbarayaSastri, SubbaramaDikshitar, VeenaiKuppaIyer

OUT COME:

1. Scope to Perform as a main item in Carnatic music concert,
2. To give scope to emphasize the skills in Manodharma component in the concert Platform

PA-M 302:GROUP KRTI-S (P)
Core Paper

OBJECTIVES:

1. To provide detailed knowledge about music and its relationship with Indian cultureand music festivals
2. Group kritis are important to learn to understand the depth of musical and literaryaspects.

Ability to **sing /play Five Composition** from any of the following Group Krti-s

1. Panchalingasthalakrti of MuttuswamyDikshita
2. KamalambaNavavarnakrti of MuttuswamyDikshita
3. NavagrahaKrti of MuttuswamyDikshita
4. Navaratnamalika of SyamaSastri
5. NavaratriKrti of Swati Tirunal
6. Venkatesapancaratna of VeenaKuppaya
7. KalahastisaPancaratna of VeenaKuppaya
8. ThiruvotriyurPancharathnam

OUT COME:

1. Ability to perform mastery pieces of carnatic music in learned audience
2. Ability to perform in various music festivals

PA-M 303(A): VAKRA RAGA-S (P)
Generic Elective

OBJECTIVES:

1. To provide detailed knowledge about the zig zag movement of the swaras in a raga
2. Learning will improve the standard of rendering musical notes with perfection

Ability to sing/play 5 compositions in following raga-s:

Kathanakuthuhalam, Begada, Ritigowla, Anandhabhairavi, Sahana, Devamanohari,Nalinakanthi, Nattakurinji, Sriraga and Poornachandrika.

OUT COME:

1. Able to produce the zig zag movement of melody in a raga.
2. Able to perform a different genre of raga.

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PA-M 303(B): MANODHARMA SANGITAM (P)
Generic Elective

OBJECTIVES

1. To enrich the knowledge of innovative music
2. To educate the student to sing/play raga alapananeraval and Kalpanaswara

which are the crucial Sections of creative music.

- Ability to sing/play **Raga alapana for any Five raga**-among those prescribed under the Core papers, 102, 103, 202
- Ability to sing/play **Neravu for any Two compositions** set in the raga-s among those prescribed underthe Core papers, 102, 103, 202
- Ability to sing/play **SvaraKalpana for any Five compositions** set in the raga-s among those prescribed underthe Core papers, 102, 103, 202

OUTCOME:

1. This will help the students to get mastery over rendering raga alapanaNeraval and kalpanaswara.
2. This will help to rendering concerts successfully.

PA-M 303(C): STUDY OF LAKSHANA GRANDA-S (T)
Generic Elective

OBJECTIVE

1. To accomplish complete knowledge about musical history.
2. To well verse on Lakshanagranta-s of music

Unit -1	Outline Knowledge of the chapters of Natyasastra and detailed note on the concepts of music described in the Chapters 28 – 32
Unit -2	Study of DattilamofDattila, Brhaddesi of Matanga and NaradiyaSiksha
Unit -3	Outline Knowledge of the chapters of Sangitaratnakara of Sarngadeva and the contents
Unit -4	Detailed study of the raga classification system in the desi period - raganga, upanga, kriyanga and bhashanga; Uttama-Madhyama-Adhama raga-s; Ghana-Naya-Desi raga-s. Raga - ragini system, raga dhyana , raga and rasa in Indian music
Unit-5	Detailed study of the Svaramelakalanidhi of Ramamatya andCaturdandiprakashika of Venkatamakhi.

REFERENCE BOOKS:

Book	Author
Natyasastra of Bharata (vol. 4)	Ed. M. R. Kavi
Dattilam of Dattilamuni	Ed. K SambasivaSastri
Dattilam – a compendium of Ancient Indian Music	EmmieteNijenhuis
Brhaddesi of Matanga (Text & translation)	Ed. Premlata Sharma
Sangitaratnakara (vols. 1-4)	Ed. Pt. SubrahmanyaSastri
Sangitaratnakara of Sarangadeva (eng. Transl.)	Premlata Sharma & R K Shringy
Sangitaratnakara of Sarangadeva (tel. transl.)	GandhamSriramamurthy
Svaramelakalanidhi of Ramamatya	Ed. M S RamasvamiIyer
Caturdandiprakasika of Venkatamakhi	Published by Madras Music Akademi
LakshanaGranthas in music	S.Bhagyalekshmy
Sangita Sastra Saramu	S.R.Janakiraman

OUTCOME:

1. This will help to create interest on historical music research
2. This will help to prepare for NET/SET/DSC competitive examinations.

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PA-M 303(D): POST TRINITY COMPOSITIONS (P)
Generic Electives

OBJECTIVES

1. To educate the student about the recent past composition of Carnatic music
2. To gain knowledge about the composers of modern period of Carnaticmusic

Any **Five** Compositions of the following composers:

1. AnnasvamiSastri
2. CeyyurCengalvarayaSastri
3. HarikesanallurMuttayyaBhagavata
4. JayacamarajaWodeyar
5. Koteeswaraiyer
6. MahaVaidyanathaIyer
7. Mysore Vasudevachari
8. Neelakanta Sivan
9. Papanasam Sivan
10. PatnamSubrahmaniaIyer
11. Ramanathapuram Srinivasa Iyengar
12. Ramasvami Sivan
13. SubbarayaSastri
14. Tanjore Quartet
15. TiruvottriyurTyagaraja
16. Veena Kuppayyar
17. WalajapetVenkataramanaBhagavata

OUT COME:

1. Updated music repertoire to be established in the competitive musicplatform
2. This will help for Extended Knowledge about various composers

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PA-M 304:COMMUNICATION & SOFT SKILLS (T)
Skill Oriented Course

OBJECTIVES:

1. To promote soft skills among the students so as to develop attributes that could enhance interactions, earning power and job performance.
2. To face the interviews with confidence, to secure a productive job and to sustain it with confidence and enhanced productivity.

UNIT – I: ***Types of Soft Skills& Intrapersonal Skills:*** Definition of soft skills – Types of Soft skills: **Intrapersonal Skills** –: Self-Confidence, Self-awareness, Adaptability & Flexibility, Attitude, Assertiveness, SWOC, Resilience

UNIT – II:***Interpersonal Soft Skills:*** Active Listening Skills - Goal setting – Negotiation & Persuasion skills - Time Management - Stress Management - Problem Solving and Decision-Making Skills - Leadership Skills – Conflict Resolution

UNIT – III: ***Oral Communication Skills:*** Presentation skills –JAM - Role Plays, Public Speaking skills - GD Participation and co-ordination.

UNIT – IV: ***Written Communication Skills:*** Essay Writing - E mails- Report Writing – Memos.

UNIT – V: ***Employability Skills*****:** Body Language - E-mail etiquette- Telephone etiquette - Dining etiquette– Grooming -Resume writing - Interview Skills.

REFERENCES:

1. Meenakshi Raman and Sangeeta Sharma (2015), ***Technical Communication: Principles and Practice, 3rd Edition,*** New Delhi: Oxford University Press.
2. Ashraf Rizvi, M. (2017), ***Effective Technical Communication,*** 2nd Edition, New Delhi: Tata McGraw Hill.
3. Hewing, Martin (1999), ***Advanced English Grammar: A Self-study Reference and practice Book for South Asian Students,*** Reprint 2003, New DelhI: Cambridge University Press.
4. Minippally, Methukutty. M. (2001), ***Business Communication Strategies***, 11th Reprint, New Delhi: Tata McGraw – Hill.
5. Sasi Kumar. V and P.V. Dharmija (1993), ***Spoken English: A Self-Learning Guide Conversation Practice,*** 34th reprint, New Delhi: Tata McGraw – Hill.
6. John, Seely (1988), ***The Oxford Guide to Writing and Speaking,*** Delhi: Oxford University Press.
7. Peter, Francis (2012), ***Soft Skills and Professional Communication.*** New Delhi: Tata McGraw Hill.
8. Print Singh, Prakash and Raman, Meenakshi (2006), ***Business Communication***, New Delhi: Oxford University Press.
9. British Council online resources. Wren& Martin (2019), High School English Grammar & Composition Regular Edition, New Delhi, **S. Chand & Company Pvt. Ltd**

OUTCOMES:

1. Understanding soft skills, types of soft skills and intrapersonal skills
2. Developing employability skills

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1: PA-M 305(A):PATRIOTIC /FOLK SONGS (P)

Open Electives

OBJECTIVES

1. Meant for other disciplinary students to opt as an open elective subject.
2. To inculcate students about patriotism and to educate about the music of the Land.

Ability to sing/play any **4 Patriotic songs** and **2 folk** songs.

OUTCOMES:

1. This will help the student to reduce student's stress caused by routine workload
2. This will help the students to exhibit their talent in singing/playing in Nationalfestivals, Youth festivals and various occasions.

PA-M 305(B): DEVOTIONAL SONGS -1 (P)

Open Electives

OBJECTIVES

1. Meant for other disciplinary students to opt as an open elective subject
2. To encourage the spiritual consciousness among the students

Six compositions from the following forms:

Tevaram, Tiruppavai, Ashtapadi of Jayadeva, Krishna Leela Tarangini of Narayana Teertha, Bhajan, and Dasar Padam.

OUTCOMES:

1. This will help the student to reduce his stress by
2. Participating in congregational singing/playing will help to improve theirconfidence level

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IV SEMESTER

PA-M 401: ADVANCED THEORY (T)

Core Paper

OBJECTIVES

1. To develop knowledge on analyzing music of trinity of Carnatic Music
2. To develop knowledge on recent trends and developments occurred in thefield of music.

Unit -1	Trinity style - Comparative study of the compositions of trinity - types of compositions, raga-s and tala-s handled structure of the compositions, melodic construction of the compositions.
Unit -2	ManodharmaSangeeta - ManodharmaSangita - Knowledge of different forms in ManodharmaSangita - Raga alapana, Tanam, Pallavi, Neravu (Niraval) &Kalpanasvara. Various Stages in Pallavi singing/playing; Types of Pallavi-s.
Unit -3	Recent trends and development in music – publications of books & journals, musical instruments, music education, concerts, media.
Unit -4	Outline Knowledge of margatala-s, desitala-s – Taladasaprana, suladitala-s, caputala-s, desadimadhyaditala-s.
Unit -5	Contribution of Modern scholars to Indian Music – Bhatkhande, V D Paluskar, OmkarnathTakur, Raghavan, Sambamurthi, Premlata Sharma. Contribution of Western Scholars like William Jones, C R Day, Fox Strangways, H A Popley, Harold Powers, Clements Plunges

REFERENCES:

Facets of notation in South Indian Music	Sarada Gopalam
Manodharmasangitam	Dr. S. Pinakapani
Ragas at a glance	S R Janakiraman
Raga lakhanasangrahamu (Pt.1-3)	Nookala Cinna Satyanarayana
RagamTanamPallavi	M B Vedavalli
SangitasiddhantaSopanalu Part 1& 2	Dr. Kovela Santa
Essays on Tala and Laya	N Ramanathan
Tala Sangraha	B M Sundaram
Music research perspectives and prospects	R.C.Metha
Thesis and Project Work	C J Parsons
Ethno Musicology of India	S.A.K.Durga
South Indian Music Books Vol 1 to 6	P. Sambamurthy
Music research perspectives and prospects	R.C.Metha
Thesis and Project Work	C J Parsons

OUTCOMES:

1. It will helpful in knowing about the contribution of Modern Indian scholars andWestern scholars on Indian Music
2. It will help to update about recent trends and developments in music field.

Core 2: PA-M 402: CONCERT (P)

Core Paper

OBJECTIVES

1. To introduce students for performing in the concert platform
2. To opt by choosing as a music performer – self employment motivation

A candidate should perform a concert with accompaniments for Duration of 60 minutes.

OUTCOMES:

1. Ability to plan and execute a successful Carnatic concert in any platform
2. Ability to create self employment opportunity

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PA–M 403(A):RAGAM TANAM PALLAVI (P)
Generic Elective

OBJECTIVES

1. To inculcate the most creative part of Carnatic Music
2. To encourage and help him to shape out the creative rendering style of thestudent

The following pallavi-s are to be rendered in trikalam (Anuloma, Viloma, Tisra) along withRaga-alapana, tanam, neraval and kalpanasvara.

The pallavi-s should be of the following types:2

kalaipallavi – 1, Nadaipallavi – 1.

OUTCOMES:

1. It will help to establish his mastery over the art in concerts
2. It will helpful in enriching the creative talent of the student in music.

PA–M 403(B): COMPOSITIONS OF DANCE REPERTOIRE (P)
General Electives

OBJECTIVE

1. To understand the interrelationship between text, Classical music and ClassicalDance
2. To know about application of music in dance according to sequence of theDance Performances.

Ability to sing/play the following compositions from the Dance repertoire

Jathiswaram -1, Padavarna, -1, Padam, -1, Javali-1, Tillana-1

OUT COMES:

1. Felicitate the student to opt another field of music -vocal support for live dancePerformances
2. Ability to select and perform dance musical forms.

PA–M 403(C):POST TRINITY COMPOSERS- 20TH CENTURY AND BEYOND (P)
Generic Electives

OBJECTIVES

1. To make the student aware about the musical forms of recent personalities ofCarnatic music
2. To acquire knowledge about the recent period composers of south India of Carnatic music

Any five compositions of the following composers:

1. Tirupati Narayanaswamy 2. Ogirala Veera raghavasharma 3. Lalgudi Jayaraman 4. Galipenchala Narasimha Rao 5. M.D. Ramanathan 6 Dr.Nagavalli Nagaraj. 7. R.K. Padmanabha 8. BellariVenkatesa Achar.9.NooraniParamaeswaranRamaswamy 10.Thulaseevanam M. Ramakrishna Pillai 11.BalamuraliKrishna.

OUT COMES:

1. Help the student to explore the compositions of variety of composers gives wider range forPerformances
2. It will help to update with present musical trend.

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PA–M 403(D): RAGAMALIKA (P)
Generic Electives

OBJECTIVE

1. To Acquire Knowledge on different ragas used in a composition
2. To familiarize more ragas within a composition

Ability to sing/play **any two Ragamalika-s**

OUT COMES:

1. Capable to render different ragas consecutively
2. Developing skill in rendering variety of ragas in a quick manner by learning ragamalika

PA–M 404:PROJECT WORK (P)
Multi-Disciplinary /Project work

OBJECTIVE

1. To introduce the methodology of doing research in music
2. To introduce data collection, analysis etc and train up him to look into the factsbased on evidences

A Dissertation not exceeding 80 pages should be submitted following the under mentioned norms:

- Could be in the nature of 'Data Collection' and 'Documentation' type.
- Carried out under the guidance of the teacher
- To be written in English/Telugu

OUT COMES:

1. This will help to analyze and enhance his knowledge on music.
2. This will help to understand the methods of research.

PA–M 405(A):COMPOSITIONS OF ANNAMACHARYA (P)
Open Elective

OBJECTIVES

1. Meant for other disciplinary students to opt as an open elective subject
2. To educate students about devotional music of Tirupati deity and the composer.

Ability to sing/play **any 6** Compositions of Annamacharya.

OUT COMES:

1. This will help the student to reduce his agony and mental stress by learning andSinging/playing songs belong to bhakthi cult of this region
2. Participating in congregational singing/playing will help to relax and improvetheir Confidence level.

PA-M 405(B):DEVOTIONAL SONGS -2
Open Electives

OBJECTIVES

1. Meant for other disciplinary students to opt as an open elective subject.
2. To give an opportunity to learn more number of Devotional songs.

Ability to sing/play the following compositions (one from each group).

1. Tiruppavai
2. Ashtapadi of Jayadeva
3. Krishna Lila Tarangini of Narayana Teertha
4. Bhajan
5. Dasar Padam

OUTCOMES:

1. This will help the student to reduce his stress by learning and performing moresongs.
2. Participating in festivals by taking part in congregational singing/playing.

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SRI VENKATESWARA UNIVERSITY :: TIRUPATI

Minutes of the Meeting of the Board of Studies

Minutes of the meeting of the Board of Studies in M.A **Performing Arts** (Music & Dance) M.A. Vocal/ Veena / Violin/Dance, held on 15-11-2021 at 3.00 p.m. in the Department of Performing Arts, First Floor of Annamayya Bhavan, S. V. University, Tirupati, as per the directions of the Registrar, S.V.University, Tirupati wide office letter to Chairman, BOS No.C-II (A,B & F)/PG-Revise Syllabi/NEP-2021, dated 01-10-2021

Members Present

1) Prof. (Dr) N. Padma - Chairperson
2) Dr. N. Padma, Head - Ex- officio Member BOS - PG
3) Dr. J. Sankar Ganesh - Internal Member
4) Dr. Jamuna - Internal Member
5) Sri. Sabari Girish - Internal Member
6) Prof. (Dr) K. Saraswathi Vasudev - External Member
7) Prof. (Dr) Janaka Maya Devi - External Member

Resolutions

1. Resolved to recommend the enclosed revised syllabi for M. A. **Performing Arts** (Music & Dance) M.A. Vocal/ Veena / Violin/Dance following the guidelines of NEP implementation for the first, second, third and fourth Semesters with effect from the Academic year 2021-2022
2. Resolved to recommend the enclosed scheme of examinations, regulations, Text and reference books for the above said PG courses effect from the academic year 2021-22 for I to IV semesters.
3. Resolved to recommend the enclosed model question papers for I to IV semesters of P.G. Courses.
4. Resolved to recommend the introduction of UG and PG degrees through Distance Education/Private Study/Online mode in Performing Arts (Music and Dance) in the Department of Performing Arts for the forthcoming academic years.

Date 15.11.2021

N. Pad 15/11/2021
Signature of the Chairperson

CHAIRPERSON
Board of Studies
Dept. of Performing Arts (PG)
S.V. University
TIRUPATI-517 502, A.P.

S.no	Name of the Members	Signature
	Dr. N. Padma	N. Pad 15/11/2021
	Dr. J. Sankar Ganesh	15/11/2021
	Dr. Jamuna Rani	S. Jamuna Rani 16/11/21
	Sri. Sabari Girish	Girish 16th Nov. 2021
	Prof. K. Saraswathi Vasudev	
	Prof. Janaka Maya Devi	V. Janaka Maya

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S.V.UNIVERSITY COLLEGE OF ARTS: TIRUPATI
DEPARTMENT OF PHILOSOPHY

MEETING OF THE BOARD OF STUDIES IN PHILOSOPHY P.G. AT ITS MEETING HELD ON 11-11-2021 AT 11.30 A.M IN THE HEAD CHAMBERS OF DEPARTMENT OF PHILOSOPHY,S.V.UNIVERSITY, TIRUPATI

Minutes

MEMBERS PRESENT

.1. Prof. P. Chinnaiah, Chairman, BOS
2. The Head, Ex-officio Member,
   Prof.P. Chinnaiah
3. Dr.M. Chandraiah. Member, BOS
   Associate professor
4. Dr. B. Sreenivasulunaik , Member, BOS
   Assistant Professor

RESOLUTIONS

1. Resolved to introduce the following all papers expressed and typed in Table Form relating to following Four Semester including open electives, Skill Oriented course paper, Multidisciplinary course Paper and Audit Courses with Syllabus in the Department of Philosophy, S.V. University College of Arts, S.V.University,tirupati. on the Guidelines of NEP-2020, National policy on Education and CBCS Guidelines with effect from the Academic year 2021-22.
2. Resolved to introduce the following Seven New papers in the Syllabus to fulfill NEP Guidelines in the Four Semesters. They are,1. Epistemology Western 2. Philosophy of Human Rights 3. Introduction to Philosophy 4. Indian Axiology 5.Samkya yoga 6.Skills development of Yoga and Tantra 7.Japanesh Philosophy
3. Resolved that there is no change in the Existing Syllabus, reference Books Model papers and Internal and End Exam Marks
4. Resolved that Arts and Humanities Subject students of S. V. University campus colleges are eligible to take open elective courses in the department of Philosophy

SRI VENKATESWARA UNIVERSITY
MASTER OF ARTS M.A. PHILOSOPHY
NEP AND CBCS PATTERN SYLLABUS
(With effect from 2021-22)
The Course of Study and the Scheme of Examinations

SEMESTER - I

SL.no	Course Code	Components of Study	Title of the Course	Credit Hrs/ week	No. of Credits	IA Marks	Sem End Exam marks	Total marks
1.	101	Core Mandatory	CLASSICAL INDIAN PHILOSOPHY	6	4	20	80	100
2.	102	Core Mandatory	EPISTEMOLOGY INDIAN	6	4	20	80	100
3.	103	Core Mandatory	LOGIC INDIAN AND WESTERN	6	4	20	80	100
4.	104	Core Mandatory	WESTERN PHILOSOPHY- GREEK AND MEDIEVAL	6	4	20	80	100
5	105-A	Compulsory Foundation Opt - I	PROBLEMS IN METAPHYSICS	6	4	20	80	100
	105-B		EPISTEMOLOGY WESTERN	6	4	20	80	100
	105-C		PHILOSOPHY OF HUMAN RIGHTS	6	4	20	80	100
6.	106-A	Elective Foundation Opt - I	INTRODUCTION TO PHILOSOPHY	6	4	20	80	100
	106-B		PHILOSOPHY OF MIND	6	4	20	80	100
Total				36	24	120	480	600
7	107	Audit Course	HUMAN VALUES AND PROFESSIONAL ETHICS - 1	0	0	100	0	0

***All Core papers are Mandatory**
***Compulsory Foundation – choose one paper**
***Elective Foundation - Choose one paper**
***Audit course- 100 Marks (Internal) –Zero Credits under Self Study**
***Interested Students may register for MOOC with the approval of the concerned DDC But it will be considered for the award of the grade as open elective only giving extra Credits**

SEMESTER - II

SLno	Course Code	Components of Study	Title of the Course	Credit Hrs/ week	No. of Credits	IA Marks	Sem End Exam marks	Total marks
1.	201	Core Mandatory	MODERN INDIAN THOUGHT	6	4	20	80	100
2.	202	Core Mandatory	ETHICS- INDIAN	6	4	20	80	100
3.	203	Core Mandatory	ETHICS -WESTERN	6	4	20	80	100
4.	204	Core Mandatory	MODERN WESTERN PHILOSOPHY	6	4	20	80	100
5	205-A	Compulsory Foundation Opt - I	PHILOSOPHY OF EDUCATION	6	4	20	80	100
	205-B		PHILOSOPHY OF KANT	6	4	20	80	100
	205-C		NYAYA SUTRAS	6	4	20	80	100
6.	206-A	Elective Foundation Opt - I	INDIAN AXIOLOGY	6	4	20	80	100
	206-B		ECO-PHILOSOPHY	6	4	20	80	100
Total				36	24	120	480	600
7	207	Audit Course	HUMAN VALUES AND PROFESSIONAL ETHICS-11	0	0	100	0	0

*All Core papers are Mandatory

*Compulsory Foundation – choose one paper

*Elective Foundation - Choose one paper

*Audit course- 100 Marks (Internal) –Zero Credits under Self Study

*Interested Students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits

SEMESTER - III

SL no	Course Code	Components of Study	Title of the Course	Credit Hrs/ week	No.of Credits	IA Marks	Sem End Exam marks	Total marks
1.	301	Core Mandatory	SOCIAL AND POLITICAL PHILOSOPHY	6	4	20	80	100
2.	302		PHLOSOPHY OF VEDANTA	6	4	20	80	100
3.	303-A	Generic Elective Opt - 2	PHILOSOPHICAL APPROACH TO GANDHI	6	4	20	80	100
	303-B		PHILOSOPHY OF B.R.AMBEDKAR	6	4	20	80	100
	303-C		PHILOSOPHY OF RELIGION	6	4	20	80	100
	303-D		SAMKHYA-YOGA	6	4	20	80	100
4.	304	Skill Oriented Course Mandatory	SKILLS DEVELOPMENT OF YOGA AND TANTRA	6	4	20	80	100
5	305-A	Open Elective Opt - I	PHILOSOPHY OF VALUE EDUCATION	6	4	20	80	100
	305-B		SRI VENKATESWARA STUDIES	6	4	20	80	100
	TOtal			36	2	120	480	600

*All Core papers are Mandatory

*Genereric elective – choose two papers

*Skill oriented Course is mandatory

*Open Electives are for the Students of other Departments. Minimum one paper should Be opted. Extra Credits may be earned by opted for more number of open electives depending on the interest of the student through Self-Study

*Interested Students may register for MOOC with the approval of the concerned DDC.

SEMESTER - IV

SL no	Course Code	Components of Study	Title of the Course	Credit Hrs/ week	No.of Credits	IA Marks	Sem End Exam marks	Total marks
1.	401	Core Mandatory	PHENOMENOLOGY AND EXISTENTIALISM	6	4	20	80	100
2.	402		COMPARATIVE RELIGION	6	4	20	80	100
3.	403-A	Generic Elective Opt - 2	PHILOSOPHY OF JIDDU KRISHNAMURTI	6	4	20	80	100
	403-B		ANALYTICAL PHILOSOPHY	6	4	20	80	100
	403-C		SRI VAISHNAVISM-	6	4	20	80	100
	403-D		RESEARCH METHODOLOGY AND COMPUTER APPLICATIONS-	6	4	20	80	100
4.	404	Multidisciplinary Course Mandatory	PHILOSOPHY OF PEACE	6	4	20	80	100
5	405-A	Open Elective Opt - I	PHILOSOPHY OF YOGA	6	4	20	80	100
	405-B		JAPANESE PHILOSOPHY	6	4	20	80	100
	TOtal			36	2	120	480	600

*All Core papers are Mandatory

*Generic elective – choose two papers

*Multidisciplinary Course is mandatory

*Open Electives are for the Students of other Departments. Minimum one paper Should Be opted. Extra Credits may be earned by opted for more number of open electives depending on the interest of the student through Self-Study

*Interested Students may register for MOOC with the approval of the concerned DDC

S.V.U. COLLEGE OF ARTS, TIRUPATI
DEPT.OF. POLITICAL SCIENCE AND PUBLIC ADMINISTRATION

Dt: 10-02-2022

Minutes of the Meeting of Board of Studies in Political Science and Public Administration (PG) S.V. University, Tirupati held online on 10-02-2022 at 11.00 A.M. in the Chamber of Chairman, BOS of the Department, S.V.U. College of Arts, and Tirupati.

Members Present:

1. **Prof. B.V.Muralidhar,** (CHAIRMAN)
   Dept.of. Pol.Sci & Pub.Admn,
   S.V.U.College of Arts,
   Tirupati.

2. **Head** (EX-OFFICIO MEMBER)
   Dept.of. Pol.Sci & Pub.Admn,
   S.V.U. College of Arts,
   Tirupati.

3. **Prof. B.V. Raghavulu** (MEMBER)
   Dept.of. Pol.Sci & Pub.Admn, S.K.University.
   Ananthapuram

4. **Prof. Narasimhamurthy** (MEMBER)
   Dept.of Political Science, Bangalore University.
   Bangalore - 56

5. **Prof. G.T. Ramachanndrappa** (MEMBER)
   Dept.of. Political Science
   University of Mysore
   Manasagangotri

Resolutions:

1 Resolved to implement UGC – CBCS as suggested by University for M.A. Political Science and Public Administration by the Department Board of Studies w.e.f. the Academic Year 2022-23- as per NEP 2020.

2 Resolved to have 9 Papers in First Semester with Core, Compulsory Foundation and Elective Foundation, 9 Papers in First Semester with Core, Compulsory Foundation and Elective Foundation,

3 Resolved to carry out the Corrections Suggested by the members BoS, in I & II Semesters papers and also in Model Question papers.

4 The detailed Semester and Course wise papers of both M.A. Political Science and Public Administration approved by the BOS Members are herewith enclosed.

5 Each paper will be evaluated for 80 Marks in Semester end Examination and 20 Marks for Internal Assessment.

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S.No.	Name	Designation	Signature
1.	Prof. B.V.MURALIDHAR	Chairman	
2.	HEAD	Ex-Officio Member	
3.	Prof. B.V. RAGHAVULU	Member	
4.	Prof. NARASIMHAMURTHY	Member	
5.	Prof. G.T. RAMACHANNDRAPPA	Member	

HEAD

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SRI VENKATESWARA UNIVERSITY TIRUPATI – 517 502, A. P., INDIA
Master of Arts (M.A.) in POLITICAL SCIENCE AND PUBLIC ADMINISTRATION
Course of Study Revised CBCS Pattern with effect from 2021-22
Certified that the syllabus of the following list of programs have been revised and some of Introduced new programmes during the Academic year 2021-2022

Semester	Components of Study	Programme Code	Name of courses Revised	Instruction hours per week	Credits	IA marks	End semester exam marks	Total
I	Core	PSPA 101	Constitution Making - Indian Experience	6	4	20	80	100
I	Core	PSPA 102	Western Political Thought	6	4	20	80	100
I	Core	PSPA 103	Modern Political Analysis	6	4	20	80	100
I	Core	PSPA104	Principles of Public Administration	6	4	20	80	100
I	Compulsory Foundation	PSPA105 (a)	Political Sociology	6	4	20	80	100
I	Compulsory Foundation	PSPA105 (b)	Indian Political Thought	6	4	20	80	100
I	Compulsory Foundation	PSPA105 (c)	Public Relations& Mass Communication	6	4	20	80	100
I	Elective Foundation	PSPA106 (a)	Dynamics of Public Administration	6	4	20	80	100
I	Elective Foundation	PSPA106 (b)	Globalization and Indian Political Economy	6	4	20	80	100
I	Audit Course	PSPA 107	Human Values and ProfessionalEthics–I	0	0	100	0	0
II	Core	PSPA 201	Administrative Theories	6	4	20	80	100
II	Core	PSPA 202	Research Methodology	6	4	20	80	100
II	Core	PSPA 203	Indian Government and Politics	6	4	20	80	100
II	Core	PSPA204	Public Policy	6	4	20	80	100
II	Compulsory Foundation	PSPA205 (a)	Indian National Movement	6	4	20	80	100
II	Compulsory Foundation	PSPA205 (b)	Public Enterprises in India	6	4	20	80	100
II	Compulsory Foundation	PSPA205 (c)	Administrative Techniques	6	4	20	80	100
II	Elective Foundation	PSPA206 (a)	Comparative Politics	6	4	20	80	100
II	Elective Foundation	PSPA206(b)	International Administration	6	4	20	80	100
II	Audit Course	PSPA 207	Human Values and Professional Ethics–II	0	0	100	0	0
III	Core	PS301	International Relations	6	4	20	80	100
III	Core	PS302	Indian Political System	6	4	20	80	100
III	Generic	PS303(a)	Good Governance and Information Technology	6	4	20	80	100
III	Generic	PS303(b)	Local Government in India	6	4	20	80	100
III	Generic	PS303(c)	State Government and Politics of Andhra Pradesh	6	4	20	80	100
III	Generic	PS303(d)	American Government and Politics	6	4	20	80	100
III	Skill oriented	PS304	Personality Development and Employment	6	4	20	80	100
III	Open Elective	PS305(a)	Social Movements in India	6	4	20	80	100
III	Open Elective	PS305(b)	Human Rights and Indian Constitution	6	4	20	80	100
III	Core	PA301	Public Personnel Administration	6	4	20	80	100

III	Core	PA 302	State Administration in Andhra Pradesh	6	4	20	80	100
III	Generic	PA 303(a)	Good Governance and Information Technology	6	4	20	80	100
III	Generic	PA303(b)	Issues in Indian Administration	6	4	20	80	100
III	Generic	PA303(c)	Local Government in A.P	6	4	20	80	100
III	Generic	PA303(d)	Political Dynamics	6	4	20	80	100
III	Skill oriented	PA304	Personality Development and Employment	6	4	20	80	100
III	Open Elective	PA305(a)	Industrial Relations and Personnel Management	6	4	20	80	100
III	Open Elective	PA305(b)	Indian Polity and Governance	6	4	20	80	100
IV	Core	PS401	India's Foreign Policy-Continuity, Changes and Emerging Challenges	6	4	20	80	100
IV	Core	PS 402	Center-State Relations in India	6	4	20	80	100
IV	Generic	PS403(a)	Comparative Governments: U.K, U.S.A, Switzerland	6	4	20	80	100
IV	Generic	PS 403(b)	E-Governance	6	4	20	80	100
IV	Generic	PS 403(c)	Indian Political Process	6	4	20	80	100
IV	Generic	PS 403(d)	South Asia in World Politics	6	4	20	80	100
IV	Multidisciplinary/Project Work	PS 404	Project Work	6	4	Project Report -80 Viva –Voce - 20	-	100
IV	Open Elective	PS 405(a)	Introduction to India's Foreign Policy	6	4	20	80	100
IV	Open Elective	PS 405(b)	Women and Politics	6	4	20	80	100
IV	Core	PA 401	Human Resource Management	6	4	20	80	100
IV	Core	PA 402	Financial Administration	6	4	20	80	100
IV	Generic	PA 403(a)	Social Welfare Administration	6	4	20	80	100
IV	Generic	PA403(b)	Development Administration	6	4	20	80	100
IV	Generic	PA403(c)	Disaster Management	6	4	20	80	100
IV	Generic	PA403(d)	Office Management	6	4	20	80	100
IV	Multidisciplinary/Project Work	PA404	Project Work	6	4	Project Report -80 Viva –Voce - 20	-	100
IV	Open Elective	PA405(a)	Indian Constitution	6	4	20	80	100
IV	Open Elective	PA 405(b)	Banking Management	6	4	20	80	100

Prof. B.V. Muralidhar
BOS Chairman

CHAIRMAN, B.O.S.
PROFESSOR & HEAD
Dept. of Political Science
& Public Administration
S. V. University, TIRUPATI

Prof. B.V. Muralidhar
HOD

PROFESSOR & HEAD
Dept. of Political Science
& Public Administration
S. V. University, TIRUPATI

Prof. G.T. Ramachandrappa
Member

Prof. B.V.Raghavulu
Member

SRI VENKATESWARA UNIVERSITY : TIRUPATI

S.V.U COLLEGE OF ARTS

DEPARTMENT OF POLITICAL SCIENCE & PUBLIC ADMINISTRATION

Course

POLITICAL SCIENCE

Choice Based Credit System (CBCS)

Academic Year 2021-2022

Amended as per NEP-2020

SEMESTER-I

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PSPA 101	Constitution Making - Indian Experience	6	4	Core-Theory	20	80	100
2	PSPA 102	Western Political Thought	6	4		20	80	100
3	PSPA 103	Modern Political Analysis	6	4		20	80	100
4	PSPA 104	Principles of Public Administration	6	4		20	80	100
5	PSPA 105	A Political Sociology B Indian Political Thought C Public Relations& Mass Communication	6	4	CF	20	80	100
6	PSPA 106	A Dynamics of Public Administration B Globalization and Indian Political Economy	6	4	EF	20	80	100
Total			**36**	**24**		**120**	**480**	**600**
7	PSPA 107	Human Values and Professional Ethics - I	**0**	**0**	Audit Course	**100**	**0**	**0**

- **All Core Papers are Mandatory**
- **Compulsory Foundation- Choose ONE Paper**
- **Elective Foundation – Choose ONE paper**
- **Audit Course – 100 Marks (Internal) – Zero Credits under Self Study**
- **Interested Students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

SEMESTER-II

S. No	Code	Title of the Course	Credit Hrs/Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PSPA 201	Administrative Theories	6	4	Core-Theory	20	80	100
2	PSPA	Research Methodology	6	4		20	80	100

	202								
3	PSPA 203		Indian Government and Politics	6	4		20	80	100
4	PSPA 204		Public Policy	6	4		20	80	100
5	PSPA 205	A	Indian National Movement	6	4	CF	20	80	100
		B	Public Enterprises in India						
		C	Administrative Techniques						
6	PSPA 206	A	Comparative Politics	6	4	EF	20	80	100
		B	International Administration						
Total				**36**	**24**		**120**	**480**	**600**
7	PSPA 207		Human Values and Professional Ethics - II	**0**	**0**	Audit Course	**100**	**0**	**0**

- **All Core Papers are Mandatory**
- **Compulsory Foundation- Choose ONE Paper**
- **Elective Foundation – Choose ONE paper**
- **Audit Course – 100 Marks (Internal) – Zero Credits under Self Study**
- **Interested Students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

SEMESTER-III

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PS 301		International Relations	6	4	Core-Theory	20	80	100
2	PS 302		Indian Political System	6	4		20	80	100
3	PS 303	A	Good Governance and Information Technology	6	4	Generic Elective	20	80	100
		B	Local Government in India						
		C	State Government and Politics of Andhra Pradesh	6	4		20	80	100
		D	American Government and Politics						

4	PS 304		Personality Development and Employability	6	4	Skill Oriented	20	80	100
6	PS 305	A	Social Movements in India	6	4	Open Elective	20	80	100
		B	Human Rights and Indian Constitution						
Total				**36**	**24**		**120**	**480**	**600**

- **All Core Papers are Mandatory**
- **Generic Elective - Choose TWO Papers**
- **Skill Oriented Course is Mandatory.**
- **Open Electives are for the students of other Departments, Minimum One Paper should be opted, Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self-study.**
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SEMESTER-IV

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PS 401	India's Foreign Policy-Continuity, Changes and Emerging Challenges	6	4	Core-Theory	20	80	100
2	PS 402	Center-State Relations in India	6	4		20	80	100
3	PS 403	A Comparative Governments: U.K, U.S.A, Switzerland	6	4	Generic Elective	20	80	100
		B E-Governance						
		C Indian Political Process	6	4		20	80	100
		D South Asia in World Politics						
4	PS 404	Project Work	6	4	*PW	20	80	100
6	PS 405	A Introduction to India's Foreign Policy	6	4	Open Elective	20	80	100
		B Women and Politics						
Total			**36**	**24**		**120**	**480**	**600**

- **All Core Papers are Mandatory**
- **Generic Elective - Choose TWO Papers**
- ***Multidisciplinary Course/ Project work is Mandatory.**
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3. **Prof. B.V. Raghavulu** (MEMBER)
   Dept.of. Pol.Sci & Pub.Admn, S.K.University.
   Ananthapuram

4. **Prof. Narasimhamurthy** (MEMBER)
   Dept.of Political Science, Bangalore University.
   Bangalore - 56

5. **Prof. G.T. Ramachanndrappa** (MEMBER)
   Dept.of. Political Science
   University of Mysore
   Manasagangotri

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3.	Prof. B.V. RAGHAVULU	Member	
4.	Prof. NARASIMHAMURTHY	Member	
5.	Prof. G.T. RAMACHANNDRAPPA	Member	

HEAD

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I	Core	PSPA104	Principles of Public Administration	6	4	20	80	100
I	Compulsory Foundation	PSPA105 (a)	Political Sociology	6	4	20	80	100
I	Compulsory Foundation	PSPA105 (b)	Indian Political Thought	6	4	20	80	100
I	Compulsory Foundation	PSPA105 (c)	Public Relations& Mass Communication	6	4	20	80	100
I	Elective Foundation	PSPA106 (a)	Dynamics of Public Administration	6	4	20	80	100
I	Elective Foundation	PSPA106 (b)	Globalization and Indian Political Economy	6	4	20	80	100
I	Audit Course	PSPA 107	Human Values and ProfessionalEthics–I	0	0	100	0	0
II	Core	PSPA 201	Administrative Theories	6	4	20	80	100
II	Core	PSPA 202	Research Methodology	6	4	20	80	100
II	Core	PSPA 203	Indian Government and Politics	6	4	20	80	100
II	Core	PSPA204	Public Policy	6	4	20	80	100
II	Compulsory Foundation	PSPA205 (a)	Indian National Movement	6	4	20	80	100
II	Compulsory Foundation	PSPA205 (b)	Public Enterprises in India	6	4	20	80	100
II	Compulsory Foundation	PSPA205 (c)	Administrative Techniques	6	4	20	80	100
II	Elective Foundation	PSPA206 (a)	Comparative Politics	6	4	20	80	100
II	Elective Foundation	PSPA206(b)	International Administration	6	4	20	80	100
II	Audit Course	PSPA 207	Human Values and Professional Ethics–II	0	0	100	0	0
III	Core	PS301	International Relations	6	4	20	80	100
III	Core	PS302	Indian Political System	6	4	20	80	100
III	Generic	PS303(a)	Good Governance and Information Technology	6	4	20	80	100
III	Generic	PS303(b)	Local Government in India	6	4	20	80	100
III	Generic	PS303(c)	State Government and Politics of Andhra Pradesh	6	4	20	80	100
III	Generic	PS303(d)	American Government and Politics	6	4	20	80	100
III	Skill oriented	PS304	Personality Development and Employment	6	4	20	80	100
III	Open Elective	PS305(a)	Social Movements in India	6	4	20	80	100
III	Open Elective	PS305(b)	Human Rights and Indian Constitution	6	4	20	80	100
III	Core	PA301	Public Personnel Administration	6	4	20	80	100

III	Core	PA 302	State Administration in Andhra Pradesh	6	4	20	80	100
III	Generic	PA 303(a)	Good Governance and Information Technology	6	4	20	80	100
III	Generic	PA303(b)	Issues in Indian Administration	6	4	20	80	100
III	Generic	PA303(c)	Local Government in A.P	6	4	20	80	100
III	Generic	PA303(d)	Political Dynamics	6	4	20	80	100
III	Skill oriented	PA304	Personality Development and Employment	6	4	20	80	100
III	Open Elective	PA305(a)	Industrial Relations and Personnel Management	6	4	20	80	100
III	Open Elective	PA305(b)	Indian Polity and Governance	6	4	20	80	100
IV	Core	PS401	India's Foreign Policy-Continuity, Changes and Emerging Challenges	6	4	20	80	100
IV	Core	PS 402	Center-State Relations in India	6	4	20	80	100
IV	Generic	PS403(a)	Comparative Governments: U.K, U.S.A, Switzerland	6	4	20	80	100
IV	Generic	PS 403(b)	E-Governance	6	4	20	80	100
IV	Generic	PS 403(c)	Indian Political Process	6	4	20	80	100
IV	Generic	PS 403(d)	South Asia in World Politics	6	4	20	80	100
IV	Multidisciplinary/Project Work	PS 404	Project Work	6	4	Project Report -80 Viva –Voce - 20	-	100
IV	Open Elective	PS 405(a)	Introduction to India's Foreign Policy	6	4	20	80	100
IV	Open Elective	PS 405(b)	Women and Politics	6	4	20	80	100
IV	Core	PA 401	Human Resource Management	6	4	20	80	100
IV	Core	PA 402	Financial Administration	6	4	20	80	100
IV	Generic	PA 403(a)	Social Welfare Administration	6	4	20	80	100
IV	Generic	PA403(b)	Development Administration	6	4	20	80	100
IV	Generic	PA403(c)	Disaster Management	6	4	20	80	100
IV	Generic	PA403(d)	Office Management	6	4	20	80	100
IV	Multidisciplinary/Project Work	PA404	Project Work	6	4	Project Report -80 Viva –Voce - 20	-	100
IV	Open Elective	PA405(a)	Indian Constitution	6	4	20	80	100
IV	Open Elective	PA 405(b)	Banking Management	6	4	20	80	100

Prof. B.V. Muralidhar
BOS Chairman

CHAIRMAN, B.O.S.
PROFESSOR & HEAD
Dept. of Political Science
& Public Administration
S. V. University, TIRUPATI

Prof. B.V. Muralidhar
HOD

PROFESSOR & HEAD
Dept. of Political Science
& Public Administration
S. V. University, TIRUPATI

Prof. G.T. Ramachandrappa
Member

Prof. B.V.Raghavulu
Member

SRIVENKATESWARAUNIVERSITY:TIRUPATI

S.V.UCOLLEGEOFARTS

DEPARTMENT OF POLITICAL SCIENCE & PUBLIC ADMINISTRATION

Course

PUBLIC ADMINISTRATION

Choice Based Credit System (CBCS)

Academic Year 2021-2022

Amended as per NEP-2020

SEMESTER-I

S. No	Code	Title of the Course		Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PSPA 101	Constitution Making - Indian Experience		6	4	Core-Theory	20	80	100
2	PSPA 102	Western Political Thought		6	4		20	80	100
3	PSPA 103	Modern Political Analysis		6	4		20	80	100
4	PSPA 104	Principles of Public Administration		6	4		20	80	100
5	PSPA 105	A	Political Sociology	6	4	CF	20	80	100
		B	Indian Political Thought						
		C	Public Relations& Mass Communication						
6	PSPA 106	A	Dynamics of Public Administration	6	4	EF	20	80	100
		B	Globalization and Indian Political Economy						
Total				**36**	**24**		**120**	**480**	**600**
7	PSPA 107	Human Values and Professional Ethics - I		**0**	**0**	Audit Course	**100**	**0**	**0**

- **All Core Papers are Mandatory**
- **Compulsory Foundation- Choose ONE Paper**
- **Elective Foundation – Choose ONE paper**
- **Audit Course – 100 Marks (Internal) – Zero Credits under Self Study**
- **Interested Students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

SEMESTER-II

S. No	Code	Title of the Course	Credit Hrs/Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PSPA 201	Administrative Theories	6	4	Core-Theory	20	80	100
2	PSPA 202	Research Methodology	6	4		20	80	100
3	PSPA 203	Indian Government and Politics	6	4		20	80	100
4	PSPA 204	Public Policy	6	4		20	80	100
5	PSPA 205	A Indian National Movement B Public Enterprises in India C Administrative Techniques	6	4	CF	20	80	100
6	PSPA 206	A Comparative Politics B International Administration	6	4	EF	20	80	100
Total			**36**	**24**		**120**	**480**	**600**
7	PSPA 207	Human Values and Professional Ethics - II	**0**	**0**	Audit Course	**100**	**0**	**0**

- **All Core Papers are Mandatory**
- **Compulsory Foundation- Choose ONE Paper**
- **Elective Foundation – Choose ONE paper**
- **Audit Course – 100 Marks (Internal) – Zero Credits under Self Study**
- **Interested Students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

SEMESTER-III

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PA 301		Public Personnel Administration	6	4	Core-Theory	20	80	100
2	PA 302		State Administration in Andhra Pradesh	6	4		20	80	100
3	PA 303	A	Good Governance and Information Technology	6	4	Generic Elective	20	80	100
		B	Issues in Indian Administration						
		C	Local Governments in AP	6	4		20	80	100
		D	Political Dynamics						
4	PA 304		Personality Development and Employability	6	4	Skill Oriented	20	80	100
6	PA 305	A	Industrial Relations and Personnel Management	6	4	Open Elective	20	80	100
		B	Indian Polity and Governance						
Total				**36**	**24**		**120**	**480**	**600**

- **All Core Papers are Mandatory**
- **Generic Elective - Choose TWO Papers**
- **Skill Oriented Course is Mandatory.**
- **Open Electives are for the students of other Departments, Minimum One Paper should be opted, Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self-study.**
- **Interested Students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

SEMESTER-IV

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PA 401		Human Resource Management	6	4	Core-Theory	20	80	100
2	PA 402		Financial Administration	6	4		20	80	100
3	PA 403	A	Social Welfare Administration	6	4	Generic Elective	20	80	100
		B	Development Administration						
		C	Disaster Management	6	4		20	80	100
		D	Office Management						
4	PA 404		Project Work	6	4	*PW	20	80	100
6	PA 405	A	India: Democracy and Development	6	4	Open Elective	20	80	100
		B	Banking Management						
Total				**36**	**24**		**120**	**480**	**600**

- **All Core Papers are Mandatory**
- **Generic Elective - Choose TWO Papers**
- ***Multidisciplinary Course/ Project work is Mandatory.**
- **Open Electives are for the students of other Departments, Minimum One Paper should be opted, Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self-study.**
- **Interested Students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

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1.1.2

DEPARTMENT OF POPULATION STUDIES

SRI VENKATESWARA UNIVERSITY COLLEGE OF ARTS, TIRUPATI – 517 502, INDIA

Minutes of the Board of Studies in Population Studies and Social Work

An online meeting of the Board of Studies in Population Studies was convened on 07-01-2022 at 3.00 P.M. in the Department of Population studies and Social Work to revise the syllabus based on NEP Guidelines 2021, as per the orders of the Registrar, S.V.University, Tirupati.

The Following External Members Present:

1. Prof. K. Visweswara rao,
   Dept. of Social Work,
   Andhra University,
   Visakhapatnam.
2. Prof. G. Venkata Ramana,
   Dept. of Sociology,
   Sri Krishnadevaraya Univesity,
   Anantapur.
3. Prof. I.V. Lalithakumari,
   Dept. of Social Work,
   SPMVV, Tirupati.

7/1/22

I.V. Lalithakumari 07/01/2022

The following Members of Department Present:

1. Prof. D. Sai Sujatha,
   Chairperson BOS,
   Dept. of Population Studies,
   S.V.U. College of Arts,
   Tirupati.
2. Prof.P. Vinayaga Murthy,
   Head & Co-ordinator,
   Dept. of Population Studies,
   S.V.U. College of Arts,
   Tirupati.
3. Dr. T. Chandrasekharayya,
   Associate Professor,
   Dept. of Population Studies,
   S.V.U. College of Arts,
   Tirupati.

7/1/22

T. Chandrasekharayya

The members above discussed in detail about the revision of the syllabus as per the NEP 2020 to be followed under the CBCS of the Department of Population Studies & Social Work, S.V.University, Tirupati and passed the following resolution.

Resolved:

To recommend the revision of syllabus as per the NEP 2020 to be followed under M.A Population Studies & Master of Social Work P.G Degree Programmes under CBCS offered by the Department of Population Studies & Social Work, S.V. University, Tirupati from the academic year 2021-2022.

I.V. Lalithakumari

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DEPARTMENT OF POPULATION STUDIES
SRI VENKATESWARA UNIVERSITY COLLEGE OF ARTS, TIRUPATI – 517 502, INDIA

Minutes of the Board of Studies in Population Studies and Social Work

An online meeting of the Board of Studies in Population Studies was convened on 03-01-2022 at 3.00 P.M. in the Department of Population studies and Social Work to revise the syllabus based on NEP Guidelines 2021, as per the orders of the Registrar, S.V.University, Tirupati.

The Following External Members Present:

1. Prof. K. Viswanadham
   Dept. of Social Work,
   Andhra University,
   Visakhapatnam
2. Prof. G. Venkata Ramana
   Dept. of Sociology,
   Sri Krishnadevaraya University,
   Anantapur.
3. Prof. I.V. Lalithakumari,
   Dept. of Social Work,
   SPMVV, Tirupati.

The following Members of Department Present:

1. Prof. D. Sai Sujatha,
   Chairperson BOS,
   Dept. of Population Studies,
   S.V.U. College of Arts,
   Tirupati.
2. Prof.P. Vinayaga Murthy,
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   Tirupati.
3. Dr. T. Chandrasekharayya,
   Associate Professor,
   Dept. of Population Studies,
   S.V.U. College of Arts,
   Tirupati.

The members above discussed in detail about the revision of the syllabus as per the NEP 2020 to be followed under the CBCS of the Department of Population Studies & Social Work, S.V.University, Tirupati and passed the following resolution.

Resolved:

To recommend the revision of syllabus as per the NEP 2020 to be followed under M.A Population Studies & Master of Social Work P.G Degree Programmes under CBCS offered by the Department of Population Studies & Social Work, S.V. University, Tirupati from the academic year 2021-2022.

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF POPULATION STUDIES

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

S.No	Name of the Programme	Courses Revised
1	**POPULATION STUDIES**	PSC 105 - B Public Health, Nutrition and Health Education PSC 105 - C Health Planning and Policy PSC 105 - A Population and Development Planning PSC 105 - B Population and Environment PSC 205 – A Population and Sustainable Development PSC 205 – B Population Economics PSC 205 – C Disaster Management PSC 206 – A Community Health PSC 206 – B Demographic Data Management PSC 303 – C Gerontology PSC 303 – D Population Ecology, Urbanization and Migration PSC 304 – A Soft and Employability Skills PSC 305 – A Principles of Population Studies PSC 305 – B Population, Society and Environment PSC 403 – B Health Economics PSC 405 – A Rural, Urban, Tribal Development PSC 405 – B Social policies and planning

BOS Chairman **HOD** **Member** **Member**

SRI VENKATESWARA UNIVERSITY: TIRUPATI

S.V.U. COLLEGE OF ARTS

DEPARTMENT OF POPULATION STUDIES

Course

M.A. POPULATION STUDIES

Choice Based Credit System (CBCS)

Academic Year 2021-2022

Amended as per NEP-2020

SRI VENKATESWARA UNIVERSITY: TIRUPATI

SVU COLLEGE OF ARTS
DEPARTMENT OF POPULATION STUDIES

(Revised Scheme of Instruction and Examination, Syllabus etc., under CBCS Regulations -2016 is Amended as per NEP-2020)
(With effect from the batch admitted in the academic year 2021-22)

POPULATION STUDIES

SEMESTER - I

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PSC 101	Population Characteristics and Theories	6	4	Core-Theory	20	80	100
2	PSC 102	Fertility	6	4		20	80	100
3	PSC 103	Mortality	6	4		20	80	100
4	PSC 104	Sources, Evaluation and Adjustment of Data	6	4		20	80	100
5	PSC 105	A Population Education and Extension B Public Health, Nutrition and Health Education C Health Planning and Policy	6	4	CF	20	100	80
6	PSC 106	A Population and Development Planning B Population and Environment	6	4	EF	20	100	80
Total			**36**	**24**		**120**	**480**	**600**
7	PSC 107	Human Values and Professional Ethics - 1	**0**	**0**	Audit Course	**100**	**0**	**0**

- **All Core papers are Mandatory**
- **Compulsory Foundation – choose one paper**
- **Elective Foundation - Choose one paper**
- **Audit course- 100 Marks (Internal) –Zero Credits under Self Study**
- **Interested Students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra Credits**

SEMESTER – II

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	PSC 201	Migration and Multi Regional Demography	6	4	Core-Theory	20	80	100
2	PSC 202	N.G.O Management	6	4		20	80	100
3	PSC 203	Statistical Methods	6	4		20	80	100
4	PSC 204	Population Sociology	6	4		20	80	100
5	PSC 205	A Population and Sustainable Development B Population Economics C Disaster Management	6	4	CF	20	80	100
6	PSC 206	A Community Health B Demographic Data Management	6	4	EF	20	80	100
	Total		**36**	**24**		**120**	**480**	**600**
7	PSC 207	Human Values and Professional Ethics – II	**0**	**0**	Audit Course	**100**	**0**	**0**

- **All Core papers are Mandatory**
- **Compulsory Foundation – choose one paper**
- **Elective Foundation - Choose one paper**
- **Audit course- 100 Marks (Internal) –Zero Credits under Self Study**
- **Interested Students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra Credits**

SEMESTER – III

S. No	Code	Title of the Course		Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1.	PSC 301	Population Geography		6	4	Core-Theory	20	80	100
2.	PSC 302	Research Methodology		6	4		20	80	100
3.	PSC 303	A	Population Psychology	6	4	Generic Elective	20	80	100
		B	Population Policies and Programmes						
		C	Gerontology	6	4		20	80	
		D	Population Ecology, Urbanization and Migration						
4.	PSC 304	Soft and Employability Skills		6	4	Skill Oriented	20	80	100
5.	PSC 305	A	Principles of Population Studies	6	4	Open Elective	20	80	100
		B	Population, Society and Environment						
Total				**36**	**24**		**120**	**480**	**600**

- **All Core papers are Mandatory**
- **Generic elective – choose two papers**
- **Skill oriented Course is mandatory**
- **Open Electives are for the Students of other Departments. Minimum one paper should be opted. extra Credits may be earned by opted for more number of open electives depending on the interest of the student through Self-Study**
- **Interested Students may register for MOOC with the approval of the concerned DDC.**

SEMESTER - IV

S. No	Code	Title of the Course		Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1.	PSC 401	Communication for Family Welfare Programmes		6	4	Core-Theory	20	80	100
2.	PSC 402	Reproductive Health and Adolescent Issues		6	4		20	80	100
3.	PSC 403	A	Population Growth and Development	6	4	Generic Elective	20	80	100
		B	Health Economics						
		C	Demography of Andhra Pradesh	6	4		20	80	
		D	Demographic Techniques						
4.	PSC 404	Dissertation/ Project Work		6	4	*MDC	20	80	100
5.	PSC 405	A	Rural, Urban, Tribal Development	6	4	Open Elective	20	80	100
		B	Social policies and planning						
Total				**36**	**24**		**120**	**480**	**600**

- **All Core papers are Mandatory**
- **Generic elective – choose two papers**
- **Multidisciplinary Course is mandatory (MDC)**
- **Open Electives are for the Students of other Departments. Minimum one paper should be opted. Extra Credits may be earned by opted for more number of open electives depending on the interest of the student through Self-Study**
- **Interested Students may register for MOOC with the approval of the concerned DDC**

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1.1.2

DEPARTMENT OF POPULATION STUDIES

SRI VENKATESWARA UNIVERSITY COLLEGE OF ARTS, TIRUPATI – 517 502, INDIA

Minutes of the Board of Studies in Population Studies and Social Work

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The Following External Members Present:

1. Prof. K. Visweswara rao,
   Dept. of Social Work,
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   Visakhapatnam.

2. Prof. G. Venkata Ramana,
   Dept. of Sociology,
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   Anantapur.

3. Prof. I.V. Lalithakumari,
   Dept. of Social Work,
   SPMVV, Tirupati.

The following Members of Department Present:

1. Prof. D. Sai Sujatha,
   Chairperson BOS,
   Dept. of Population Studies,
   S.V.U. College of Arts,
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2. Prof.P. Vinayaga Murthy,
   Head & Co-ordinator,
   Dept. of Population Studies,
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   Tirupati.

3. Dr. T. Chandrasekharayya,
   Associate Professor,
   Dept. of Population Studies,
   S.V.U. College of Arts,
   Tirupati.

The members above discussed in detail about the revision of the syllabus as per the NEP 2020 to be followed under the CBCS of the Department of Population Studies & Social Work, S.V.University, Tirupati and passed the following resolution.

Resolved:

To recommend the revision of syllabus as per the NEP 2020 to be followed under M.A Population Studies & Master of Social Work P.G Degree Programmes under CBCS offered by the Department of Population Studies & Social Work, S.V. University, Tirupati from the academic year 2021-2022.

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DEPARTMENT OF POPULATION STUDIES
SRI VENKATESWARA UNIVERSITY COLLEGE OF ARTS, TIRUPATI – 517 502, INDIA

Minutes of the Board of Studies in Population Studies and Social Work

An online meeting of the Board of Studies in Population Studies was convened on 07-01-2022 at 3.00 P.M. in the Department of Population studies and Social Work to revise the syllabus based on NEP Guidelines 2021, as per the orders of the Registrar, S.V.University, Tirupati.

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   SPMVV, Tirupati.

The following Members of Department Present:

1. Prof. D. Sai Sujatha,
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   S.V.U. College of Arts,
   Tirupati.
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3. Dr. T. Chandrasekharayya,
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   Tirupati.

The members above discussed in detail about the revision of the syllabus as per the NEP 2020 to be followed under the CBCS of the Department of Population Studies & Social Work, S.V.University, Tirupati and passed the following resolution.

Resolved:

To recommend the revision of syllabus as per the NEP 2020 to be followed under M.A Population Studies & Master of Social Work P.G Degree Programmes under CBCS offered by the Department of Population Studies & Social Work, S.V. University, Tirupati from the academic year 2021-2022.

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF POPULATION STUDIES

MASTER OF SOCIAL WORK

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

S.No	Name of the Programme	Courses Revised
1	**SOCIAL WORK**	MSW-105- B Issues and Concerns in Occupational Social Work MSW- 105-C Social Work Practice and Information Communication and Technology MSW- 106-A Social Work in Industry and Human Resource Management MSW- 106-B Corporate Social Responsibility and Social Entrepreneurship and Social Work MSW- 205-B Social Work Practice with Differently Abled MSW- 205-C Social Work and Disaster Management MSW- 205- Counseling in Social Work Practice MSW- 205- Social Welfare Project Formulation and Management MSW- 403 -C Environment and Social Work MSW- 403 – D Diversity and Inclusiveness MSW- 405 – B Health Education

BOS Chairman **HOD** **Member** **Member**

S.V.U. COLLEGE OF ARTS

DEPARTMENT OF POPULATION STUDIES

MASTER OF SOCIAL WORK
(Self Study Course)

2021-2022

Revised Syllabus NEP-2020

SRI VENKATESWARA UNIVERSITY

TIRUPATI

SRI VENKATESWARA UNIVERSITY: TIRUPATI
SVU COLLEGE OF ARTS
DEPARTMENT OF POPULATION STUDIES

(Revised Scheme of Instruction and Examination, Syllabus etc., under CBCS Regulations -2016 is Amended as per NEP-2020)

(With effect from the batch admitted in the academic year 2021-22)

MASTER OF SOCIAL WORK

(Self Study Course)

SEMESTER-I

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	MSW 101		Sociology for Social Work	6	4	Core-Theory	20	80	100
2	MSW 102		Human growth and Personality Development	6	4		20	80	100
3	MSW 103		Social Work Profession and Field Work Oriention-1	6	4		20	80	100
4	MSW 104		Social Work practice with Individuals and Groups	6	4		20	80	100
5	MSW 105	A	Social Work Practicum-I	6	4	CF	-	100	100
		B	Issues and Concerns in Occupational Social Work						
		C	Social Work Practice and Information Communication and Technology						
6	MSW 106	A	Social Work in Industry and Human Resource Management	6	4	EF	20	100	100
		B	Corporate Social Responsibility and Social Entrepreneurship and Social Work						
Total				**36**	**24**		**100**	**500**	**600**
7	MSW 107		Human Values and Professional Ethics - I	**0**	**0**	Audit Course	**100**	**0**	**0**

e papers are Mandatory
ulsory foundation – Choose any one
e Foundation - Choose any one Paper
course – 100 Marks (Internal) – Zero Credit under self study
erested student may register for MOOCS with the approval of DDC

SEMESTER-II

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	MSW 201		Social Work Profession and Field Work Orientation-II	6	4	Core-Theory	20	80	100
2	MSW 202		Social Work Practice with Communities	6	4		20	80	100
3	MSW 203		Social Action and Social Legislation for Social Work Practice	6	4		20	80	100
4	MSW 204		Social work Research	6	4		20	80	100
5	MSW 205	A	Social Work Practicum-II	6	4	CF	-	100	100
		B	Social Work Practice with Differently Abled						
		C	Social Work and Disaster Management						
6	MSW 206	A	Counseling in Social Work Practice	6	4	EF	20	100	100
		B	Social Welfare Project Formulation and Management						
Total				**36**	**24**		**100**	**500**	**600**
7	MSW 207		Human Values and Professional Ethics - II	**0**	**0**	Audit Course	**100**	**0**	**0**

core papers are Mandatory
npulsory foundation – Choose any one

- **Elective Foundation - Choose any one Paper**
- **Audit course – 100 Marks (Internal) – Zero Credit under self study**
- **** Interested student may register for MOOCS with the approval of DDC**

SEMESTER-III

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	MSW 301		Social Work Intervention With Families	6	4	Core-Theory	20	80	100
2	MSW 302		Social Work in the Field of Health	6	4		20	80	100
3	MSW 303	A	Criminal Justice and Social Work Practice	6	4	Generic Elective	20	80	100
		B	Social Work Practicum-III						
		C	Social Policy and Planning	6	4		-	100	100
		D	Gerontological Social Work						
4	MSW 304		Soft and Employability Skills	6	4	Skill Oriented	20	80	100
6	MSW 305	A	Fundamentals of Social Work	6	4	Open Elective	20	100	100
		B	Human Rights and Social Legislation						
Total				**36**	**24**		**100**	**500**	**600**

ll core papers are Mandatory
eneric Elective – Student has to choose any one Paper
kill oriented Course is mandatory
pen Elective are for the students of other Departments, Minimum one paper should be opted, extra credits may be earned by opting for ore number of open electives depending on the interest of the student through self study
*** Interested student may register for MOOCS with the approval of DDC**

SEMESTER-IV

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	MSW 401		Social Work Intervention With Children	6	4	Core-Theory	20	80	100
2	MSW 402		Rural, Urban, Tribal Development and Empowerment	6	4		20	80	100
3	MSW 403	A	Social Work in the Field of Mental Health	6	4	Generic Elective	20	80	100
		B	Social Work Practicum-IV and Block Field work						
		C	Environment and Social Work	6	4		-	100	100
		D	Diversity and Inclusiveness						
4	MSW 404		Social Work Project	6	4	*MDC	-	100	100
6	MSW 405	A	NGO Management	6	4	Open Elective	20	100	100
		B	Health Education						
Total				**36**	**24**		**80**	**520**	**600**

ll core papers are Mandatory
eneric Elective – Student has to choose any one Paper
ultidisciplinary Course/ Project work is Mandatory
pen Elective are for the students of other Departments, Minimum one paper should be opted, extra credits may be earned by opting for ore number of open electives depending on the interest of the student through self study
*** Interested student may register for MOOCS with the approval of DDC**

SRI VENKATESWRA UNIVERSITY : : TIRUPATI
DEPARTMENT OF SANSKRIT

Minutes of the Board of Studies in Sanskrit

The Board of Studies Meeting was held through virtual mode in the department of Sanskirt on 26-02-2022 at 3.00 P.M under the chairman ship of Prof.G.Padmanabham to revise the syllabus based on NEP Guidelines 2021 as per the order's of the Registrar, S.V.University, Tirupati.

The following members were present

1. Prof.G.Padmanabham : Chairman
   Dept of sanskrit, S.V.U.College of Arts, Tirupati
2. Head : Ex-Officio Member
   Dept of Sanskrit, S.V.U.College of Arts, Tirupati
3. Dr.G.Sireesha : Internal Member
   Asso.Prof.Dept of Sanskrit, S.V.U.College of Arts, Tirupati
4. Prof.C.Lalitha Rani : Internal Member
   Dept of Sahitya,National Sanskrit University, Tirupati
5. Prof.G.Sankar Narayanan : Inaternal Member
   Dept of Sahitya,National Sanskrit University, Tirupati
6. Prof.K.Neelakantham : External Member
   Director, Sanskrit Academy, Osmaniya University, Hyderabad
7. Prof.P.Vara Prasada Murthy : External Member
   Dept of Sanskrit, Acharya Nagarjuna University, Guntur

MINUTES OF THE MEETING

The Board of Stidues Members discussed in detail regarding the revision of syllabus as per the NEP 2020 to be followed under the CBCS of the Department of Sanskrit, S.V.University, Tiurpati.

1. Resloved to recommend the revision of syllabus as per the NEP 2020 Pertaining to M.A., Sanskrit course Ist and IInd semesters for the academic year 2021-22 onwards.
2. Resloved to recommend the revision syllabus of M.A.Sanskrit course for IIIrd and IVth Semesters for the year 2022-23 onwards

MEMBERS SIGNATURE

1. Prof.G.Padmanabham : S. Pad
2. Head : G. Sireesha
3. Dr.G.Sireesha : G. Sireesha
4. Prof.C.Lalitha Rani : [illegible]
5. Prof.G.Sankar Narayanan : G. Sankar
6. Prof.K.Neelakantham :
7. Prof.P.Vara Prasada Murthy :

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
SVU COLLEGE OF ARTS
DEPARTMENT OF SANSKRIT

Highlights of the Syllabus revision carried out in the Academic year 2021-22

Programme Name: Sanskrit

Programme Code: 132

Semester-I	
SNSKT 105 (B)	Drama & Poetry-I
SNSKT 105 (C)	Alankara & Prosody-I
SNSKT 106 (A)	Comparative Philology & Siddhanta koumudi-I
SNSKT 106 (B)	Kavyalankara sutra vritti-I
Semester-II	
SNSKT 205 (B)	Drama & Poetry-II
SNSKT 205 (C)	Alankara & Prosody-II
SNSKT 206 (A)	Comparative Philology & Siddhanta koumudi-II
SNSKT 206 (B)	Kavyalankara sutra vritti-II
Semester-III	
SNSKT 303 (A)	Kavyaprakasa and Dasarupaka –I
SNSKT 303 (C)	Natya sastram Chapter –I & VI only
SNSKT 303 (D)	Bhojaraja Champu Ramayana (Balakanda only)
SNSKT 304	Personality Development in Pancatantra (Mitrabheda and Mitrapraptikam only)
SNSKT 305 (A)	Introduction of Sanskrit Language infant reader complete
Semester-IV	
SNSKT 403 (C)	Kavyadarsa Chapter-I
SNSKT 403 (D)	Kavyameemamsa I to VIII Adhyayas
SNSKT 404	Introduction to Indian Epigraphy
SNSKT 405 (B)	Kautilya's Arthasastra Chapter- I (Vinayadhikarika)

Signatures of Members Present:

Name of the Faculty Member	Designation	Signature
Prof. G. Padmanabham	Chairman BoS	G. Padmanabham
Dr. G. Sireesha	Associate professor HOD	G. Sireesha

Head
DEPT. OF SANSKRIT
S.V. UNIVERSITY
TIRUPATI - 517 502

SRI VENKATESWARA UNIVERSITY: TIRUPATI

S.V.U. COLLEGE OF ARTS

DEPARTMENT OF SANSKRIT

Course

M.A. SANSKRIT

Choice Based Credit System (CBCS)

Academic Year 2021-2022

Amended as per NEP-2020

Semester - I

S.No	Components of Study	Title of the Course	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core	SNSKT 101	Elements of Darsanas-I	6	4	20	80	100
2	Core	SNSKT 102	Vedic Texts-I	6	4	20	80	100
3	Core	SNSKT 103	Prose And Poetry –I	6	4	20	80	100
4	Core	SNSKT 104	Drama, Alankara and Prosody-I	6	4	20	80	100
5	Compulsory Foundation	SNSKT 105(A) SNSKT 105(B) SNSKT 105(C)	History of Sanskrit Literature-I Drama & Poetry-I Alankara & Prosody-I	6 6 6	4 4 4	20 20 20	80 80 80	100 100 100
6	Elective Foundation	SNSKT 106(A) SNSKT 106(B)	Comparative Philology & Siddhanta koumudi-I Kavyalankara sutra vritti-I	6 6	4 4	20 20	80 80	100 100
7	Audit Course	SANSKT 107	Human values and Professional Ethics -I	6	0	100	--	100
Total				36	24	120	480	600

Semester - II

S.No	Components of Study	Title of the Course	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core	SNSKT 201	Elements of Darsanas-II	6	4	20	80	100
2	Core	SNSKT 202	Vedic Texts-II	6	4	20	80	100
3	Core	SNSKT 203	Prose And Poetry –II	6	4	20	80	100
4	Core	SNSKT 204	Drama, Alankara and Prosody-II	6	4	20	80	100
5	Compulsory Foundation	SNSKT 205(A) SNSKT 205(B) SNSKT 205(C)	History of Sanskrit Literature-II Drama & Poetry-II Alankara & Prosody-II	6 6 6	4 4 4	20 20 20	80 80 80	100 100 100
6	Elective Foundation	SNSKT 206(A) SNSKT 206(B)	Comparative Philology & Siddhanta koumudi-II Kavyalankara sutra vritti-II	6 6	4 4	20 20	80 80	100 100
7	Audit Course	SANSKT 207	Human values and Professional Ethics - II	6	4	20	80	100
Total				36	24	120	480	600

Semester - III

S.No	Components of Study	Title of the Course	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core	SNSKT 301	(Sahitya)-Rasagangadhara-I	6	4	20	80	100
2	Core	SNSKT 302	(Sahitya)-Dhvanyaloka-I	6	4	20	80	100
3 4	Generic Elective	SNSKT 303(A)	Kavyaprakasa and Dasarupaka -I	6	4	20	80	100
	Generic Elective	SNSKT 303 (B)	History of Sanskrit Poetics & Sanskrit essay-I	6	4	20	80	100
5	Generic Elective	SNSKT 303 (C)	Natya sastram Chapter –I & VI only	6	4	20	80	100
6	Generic Elective	SNSKT 303 (D)	Bhojaraja Champu Ramayana (Balakanda only)	6	4	20	80	100
7	Skill Oriented Course	SANSKT 304	Personality Development in Pancatantra(Mitrabheda and Mitrapraptikam only)	6	4	20	80	100
8	Open Elective	SANSKT 305(A)	Introduction of Sanskrit Language infant reader complete	6	4	20	80	100
9	Open Elective	SANSKT 305(B)	Raghuvamsam (Ist canto only)	6	4	20	80	100

Semester - IV

S.No	Components of Study	Title of the Course	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core	SNSKT 401	(Sahitya)-Rasagangadhara-II	6	4	20	80	100
2	Core	SNSKT 402	(Sahitya)-Dhvanyaloka-II	6	4	20	80	100
3	Generic Elective	SNSKT 403(A)	Sahitya)-Kavya Prakasa and Dasarupaka-II	6	4	20	80	100
4	Generic Elective	SNSKT 403(B)	History of Sanskrit Poetics And Sanskrit Essay	6	4	20	80	100
5	Generic Elective	SNSKT 403(C)	Kavyadarsa Chapter-I	6	4	20	80	100
6	Generic Elective	SNSKT 403(D)	Kavyameemamsa I to VIII Adhyayas	6	4	20	80	100
7	Multi Disciplinary Course	SANSKT 404	Introduction to Indian Epigraphy	6	4	20	80	100
8	Open Elective	SNSKT405 (A)	Hithopadesa of Narayana Pandita Mitralabha and Mitrabheda	6	4	20	80	100
9	Open Elective	SNSKT405 (B)	Kautilya's Arthasastra Chapter-I (Vinayadhikarika)	6	4	20	80	100

S.V.UNIVERSILTYH OLLEGE OF ARTS
DEPARTMENT OF SOCIOLOGY

Minutes of the meeting of the BOS of the Dept.of Sociology held on 18.01.2022 on 11Noon in the Chamber of the Head Dept.of Sociology S.V.University College of Arts,Tirupati.

Members Present:

1.Prof.G.StanleyJayakumar	:	BOS Chairman & Head
2. Dr.A.Kusuma	:	Member

Resolved to recommend to implement the revised syllabus (under Choice Based Credit System) from the academic year 2021-22 for the students who were admitted in First Semester of M.A.Sociology\as per NEP 2020 guidelines of UGC.

Signatures:

1.Prof.G.StanleyJayakumar

2.Dr.A.Kusuma

DEPARTMENT OF SOCIOLOGY

S.V.U. COLLEGE OF ARTS

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR

M.A. SOCIOLOGY

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC

YEAR 2021-2022

SYLLABUS

Choice Based Credit System (CBCS)

December-2021

SRIVENK ATESWARA UNIVERSITY
DEPARTMENT OF SOCIOLOGY
(Revised Scheme of Instruction and Examination ,Syllabusetc, under CBCS Regulation – 2016 Is Amended as per NEP – 2020)
(With efect from the batch admitted in the academic year 2021-2022)
M.A. SOCIOLOGY
I – SEMESTER

Core Course	Name of the Course	Credit Hrs/ Week	No of Credits	Core / Elective	University / Exam-Marks	Internal marks	Total Marks
MASO101	Classical Sociological Theories	6	4	C	80	20	100
MASO 102	Sociological Research Methods and Statistics	6	4	C	80	20	100
MASO 103	Indian Society and Inclusive Growth	6	4	C	80	20	100
MASO 104	Participatory Research	6	4	C	80	20	100
MASO 105	Principles of Sociology	6	4	Comp	80	20	100
MASO 106	Nature Agriculture and Rural Livelihood (New Paper)		4	Elective	80	20	100
	Total	36	24		480	120	600
MASO 107	Human values and Professional Ethics – 1	0	0	Adult course	100	0	0

- **All Core papers are Mandatory**
- **Compulsory Foundation – Choose one paper2**
- **Elective Foundation– Choose one paper**
- **Audit course – 100 Marks (Internal) – Zero Credits under self-study**
- **Interested students may register for MOOC with the approval of the Concerned DDC but it will be considered for the grade as open elective only giving extra credits**

II SEMESTER

Core Course	Name of the Course	Credit Hrs/ Week	No of Credits	Core / Elective	University / Exam-Marks	Internal marks	Total Marks
MASO 201	Applied Sociology	6	4	C	80	20	100
MASO 202	Social Demography	6	4	C	80	20	100
MASO 203	Rural Sociology and Development	6	4	C	80	20	100
MASO 204	Extension Work	6	4	C	80	20	100
MASO 205	Environmental Sociology	6	4	Comp	80	20	100
MASO 206	Media Education and Society (New Paper)		4	Elective	80	20	100
	Total	36	24		480	120	600
MASO 207	Human values and Professional Ethics - 1	0	0	Aduit course	100	0	0

- **All Core papers are Mandatory**
- **Compulsory Foundation – Choose one paper2**
- **Elective Foundation– Choose one paper**
- **Audit course – 100 Marks (Internal) – Zero Credits under self study**
- **Interested students may register for MOOC with the approval of the Concerned DDC but it will be considered for the grade as open elective only giving extra credits**

III SEMESTER

Core	Name of the Course	Credit	No of	Core /	University	Internal	Total

Course		Hrs/ Week	Credits	Elective	/ Exam-Marks	marks	Marks
MASO 301	Medical Sociology	6	4	C	80	20	100
MASO 302	Urban Sociology and Development	6	4	C	80	20	100
MASO 303	Field Work and Extension (Village placement)	6	4	C	80	20	100
MASO 304	Generic electives (a) Human Rights (b) Sociology of Gender (c) Gerontology (d) Sociology of Andhra Pradesh	6	4	G.E G.E	80 80	20 20	100 100
MASO 305	Open elective (a) Social Psychology and Personality Development (b) Business And Society	6	4	O.E	80	20	100
	Total	**36**	**24**		**480**	**120**	**600**

- **All Core papers are Mandatory**
- **Generic elective –choose two papers**
- **Multidisciplinary course is mandatory(MDC)**
- **Open elective are for the Students of other Departments. Minimum one paper should be opted. Extra Credits may be earned by opted for more number of open elective depending on the interest of the students through Self – Study**
- **Interested Students may register for MOOC with the approval of the concerned DDC**
-

IV SEMESTER

Core Course	Name of the Course	Credit Hrs/ Week	No of Credits	Core / Elective	University / Exam-Marks	Internal marks	Total Marks
MASO 401	Criminology	6	4	C	80	20	100
MASO 402	Industrial Dynamics	6	4	C	80	20	100
MASO 403	Field Work	6	4	C	80	20	100
MASO 404	Generic electives (a) Social Welfare and Welfare Administration (b) Human values and professional Ethics (c) Sociological Perspectives (d) Globalization and society	6	4	G.E G.E	80 80	20 20	100 100
MASO 405	Open elective (a) Social Entrepreneurship Innovation and Start ups (New Paper) (b) Visual Sociology	6	4	O.E	80	20	100
	Total	36	24		480	120	600

- **All Core papers are Mandatory**
- **Generic elective –choose two papers**
- **Multidisciplinary course is mandatory(MDC)**

DEPARTMENT OF TELUGU STUDIES
SRI VENKATSWARA UNIVERSITY COLLEGE OF ARTS, TIRUPATI

Prof. R. Rajeswaramma
B.O.S. of Chairman

Ph.No. 9491420180

Date: 07-01-2022

To
The Registrar
S.V. University
Tirupati

Sir,

Sub: Dept. of Telugu Studies, S.V.U – Revision of Syllabus 2021.
Ref: No: C-II(A,B & F)/PG-Revise Syllabi/NEP-2021. – dated: 06-11-2021.

With reference cited above, I submit the CBCS revised syllabus along with model Question papers for I,II,III & IV Semesters with effect from 2021-22. This is for your information and further action.

Thanking you sir,

Yours sincerely

R. Rajeswaramma

(R. RAJESWARAMMA)

7.1.22

Prof. R. RAJESWARAMMA
Chairman B.O.S.
Department of Telugu Studies
S.V. University
TIRUPATI - 517502

DEPARTMENT OF TELUGU STUDIES
SRI VENKATSWARA UNIVERSITY COLLEGE OF ARTS, TIRUPATI

Date: 06.01.2022

Proceedings of the meeting of the Board of Studies in Telugu under the Chairmanship of Prof. R. Rajeswaramma, Dept. of Telugu Studies, S.V. University. As the external members are unable to attend the meeting due to COVID Pandemic Period, it has been circulated to the members for the signature.

Members present		**Signature**
1. **Prof. R. Rajeswaramma** Dept. of Telugu Studies S.V. University, TPT	Chairperson BOS	R. Rajeswaramma
2. **Prof. M. Ravi Kumar** Dept. of Telugu Studies S.V. University, TPT	HEAD	M. Ravikumar
3. **Dr. K. Venkata Ramana** Dept. of Telugu Studies S.V. University, TPT	Internal Member	K. Venkataramana
4. **Prof. G. Radhakrishna** Dept. of Linguistics S.V. University, TPT	Internal Member	[illegible]
5. **Prof. G. Padmanabam** Dept. of Sanskrit S.V. University, TPT	Internal Member	G. Padmanabam
6. **Prof. Aruna Kumari** Dept. of Telugu University of Hyderabad Hyderabad	External Member	
7. **Prof. Narasimhan** Dept. of Telugu S.K. University Ananthpoor	External Member	

RESOLUTION:

It is resolved to revise the syllabus for all the semesters as per the Registrar, SVU Letter No. CII(A, B & F)/PG-Revise Syllabi/ NEP-2021 Revised syllabus has been approved.

R. Rajeswaramma

(R. RAJESWARAMMA)
CHAIRMAN OF BOS

Prof. R. RAJESWARAMMA
Chairman B.O.S.
Department of Telugu Studies
S.V. University
TIRUPATI - 517502

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF ARTS

DEPARTMENT OF TELUGU

New papers added into the Curriculum during the Academic year 2021-22 as per NEP-2020

Telugu Department (140)	Sem-I	TEL 101; TEL 105A; TEL 105 B; TEL 105 C; TEL 106 A; TEL 106 B
	Sem-II	TEL 201; TEL 202; TEL 205 A; TEL 205 B; TEL 205 C; TEL 206 A; TEL 206 B
	Sem-III	TEL 303 A; TEL 303 B; TEL 303 C; TEL 304; ; TEL 305A; TEL 305 B
	Sem-IV	TEL 401; TEL 402; TEL 403 A; TEL 403 B; TEL 403 C; TEL 403 D; TEL 404; TEL 405 A; TEL 405 B

BOS Chairman

Prof. R. RAJESWARAMMA
Chairman B.O.S.
Department of Telugu Studies
S.V. University
TIRUPATI - 517502

HOD

HEAD
DEPARTMENT OF TELUGU STUDIES
S.V. UNIVERSITY COLLEGE OF ARTS
TIRUPATI - 517 502

Member

Dr. K. VENKATARAMANA
ASSOCIATE PROFESSOR
DEPT. OF TELUGU STUDIES
S.V. UNIVERSITY
TIRUPATI - 517 502

Member

S.V.U. COLLEGE OF ARTS

DEPARTMENT OF TELUGU

NEP REVISED SYLLABUS-2020

2021-2022

SRI VENKATESWARA UNIVERSITY

TIRUPATI

THE STUDY OF PROGRAMME AND
THE SCHEME OF EXAMINATIONS

Semester-I

S.No.	Components of Study	Course Code TEL	Title of the Course	Credit hours per week	No. of Credits	Internal Assessment Marks	End Semester Exam Marks	Total	PAGE NO.
1.	Core (Mandatory)	101	Prescribed Texts Classical Poetry & Drama	6	4	20	80	100	1
2.		102	General Linguistics	6	4	20	80	100	3
3.		103	History of Telugu Literature-I (Pre Nannaya to Srinadha Period)	6	4	20	80	100	6
4.		104	Telugu Grammar and Prosody	6	4	20	80	100	9
5.	Compulsory Foundation Opt - I	105 A	Folk LORE	6	4	20	80	100	13
		105 B	Sataka Sahityam						16
		105 C	Special Study : Potana						18
6.	Elective Foundation Opt - I	106 A	Classical Telugu Genres	6	4	20	80	100	20
		106 B	Pada Sahityam						22
	Total			**36**	**24**	**120**	**480**	**600**	
7.	Audit Course	107	Human Values and Profetional Ethics – 1	**0**	**0**	**100**	**---**	**---**	25

Semester-II

S.No.	Components of Study	Course Code TEL	Title of the Course	Credit hours per week	No. Of Credits	Internal Assessment Marks	End Semester Exam Marks	Total	PAGE NO.
1.	Core (Mandatory)	201	Prescribed Texts: Modern Poetry	6	4	20	80	100	27
2.		202	Evolution of Telugu Language	6	4	20	80	100	30
3.		203	History of Telugu Literature-2 (Prabandha period to Modern Period)	6	4	20	80	100	33
4.		204	Telugu Grammar and Poetics	6	4	20	80	100	36
5.	Compulsory Foundation Opt - I	205 A	Rayalaseema Sahityam	6	4	20	80	100	40
		205 B	Comparitive Literature s						43
		205 C	Special Author : Potuluri Veerabrahmam						46
6.	Elective Foundation Opt - I	206 A	Modern Telugu Genres	6	4	20	80	100	49
		206 B	Samsthana Sahityam						52
	Total			**36**	**24**	**120**	**480**	**600**	
7.	Audit course	207	Human Values Professional Ethics-II	**0**	**0**	**100**	**---**	**---**	55

Semester-III

S.No.	Components of Study	Course Code TEL	Title of the Course	Credit hours per week	No. Of Credits	Internal Assessment Marks	End Semester Exam Marks	Total	PAGE NO.
1.	Core (Mandatory)	301	Classical Literary Criticism	6	4	20	80	100	57
2.		302	Telugu Culture	6	4	20	80	100	59
3.	Generic Elective Opt - 2	303 A	Telugu Journalism	6	4	20	80	100	62
		303 B	Modern Telugu Literature						65
		303 C	Telugu Feministic Literature	6	4	20	80	100	68
		303 D	Special Author : Gurajada						71
4.	Skill Oriented course (Mandatory)	304	Personality Developmet & Language Skills	6	4	20	80	100	74
5.	Open Elective Opt - 1	305 A	Introduction of Telugu Literature	6	4	20	80	100	77
		305 B	Fundamentals of Modern Telugu Language						80
	Total			**36**	**24**	**120**	**480**	**600**	

Semester-IV

S.No.	Components of Study	Course Code TEL	Title of the Course	Credit hours per week	No. Of Credits	Internal Assessment Marks	End Semester Exam Marks	Total	PAGE NO.
1.	Core (Mandatory)	401	Modern Telugu Literary Criticism	6	4	20	80	100	82
2.		402	Sanskrit Literature and Grammar	6	4	20	80	100	85
3.	Generic Elective Opt - 2	403 A	Methods of Translation	6	4	20	80	100	89
		403 B	Research Methodology						92
		403 C	Telugu Dalith Literature	6	4	20	80	100	95
		403 D	Indian Literature						98
4.	Multi Disciplinary Course (Mandatory)	404	India : A Phylosophical, Sociological & Historical Study	6	4	20	80	100	101
5.	Open elective Opt = 1	405 A	Fundamentals of Folk Lore	6	4	20	80	100	104
		405 B	Telugu Nataka Sahityam						107
	Total			**36**	**24**	**120**	**480**	**600**	

Sri Venkateswara University : Tirupati

DEPARTMENT OF ARABIC PERSIAN & URDU

Minutes of the Board of Studies in Urdu

An **Online** meeting of the Board of Studies **in Urdu** was convened on 06-12-2021 at.3.30 pm in the Department of Arabic Persian & Urdu to revise the syllabus based on NEP Guidelines 2021, as per the orders of the Registrar, S.V University Tirupati.

Signature

The Following External Members Present :

1. **Dr. K.Habeeb Ahmed** **(Were present Online)**
   Head,Professor,
   Dept of Arabic, Persian & Urdu
   University of Madras

2. **Dr. Fazlullah Mukarram** **(Were present Online)**
   Head,Professor,Dept of Urdu
   University of Hyderabad

3. **Dr. M.B. Amanulla** **(Were present Online)**
   Assistant Professor,
   Dept of Arabic, Persian & Urdu
   University of Madras

The following Members of Department present

1. **Dr. Md . Nisar Ahamed**
   Chairman I/C, Board Of Studies

2. **Dr. M. Ameenulla**
   Head & Ex. Officio Member

The members above discussed in detail about the revision of the syllabus as per the NEP 2020 to be followed under the CBCS of the Department of Urdu, S.V. University, Tirupati and passed the following resolution

Resolved :

To recommend the revision of syllabus as per the NEP 2020 to be followed under M.A. Urdu Degree program under CBCS offered by the Department of Arabic Persian & Urdu, S.V. University, Tirupati from the academic year 2021-2022.

06/12/2021

Chairman
BOS in Urdu
Dr. Mohd. Nisar Ahamed
M.A., M.Phil., Ph.D.
Associate Professor
Dept. of Arabic, Persian & Urdu
S.V. University, Tirupati-517 502, A.P.

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

Department of Arabic, Persian & Urdu

Certified that the syllabus of the following list of programs have been revised during the Academic year 2021-2022:

S.No.	Name of the Program	Program Code	Name of the courses revised
1.	M.A. Urdu- I semester	URD 101	Urdu Zaban Ki Ibtedai Tareekh
2.	M.A. Urdu- I semester	URD 102	Dakan Mein Urdu Zaban O Adab
3.	M.A. Urdu- I semester	URD 103	Shumali Hind Mein Urdu Shayeri Ka Aghaz
4.	M.A. Urdu- I semester	URD 106B	Junoob E Bayeed Ke Muntakhab Dakani Shura
5.	M.A. Urdu- II semester	URD 201	Tareekh E Adab E Urdu-Shayeri
6.	M.A. Urdu- II semester	URD 202	Asnaf E Sukhan
7.	M.A. Urdu- II semester	URD 203	Tareekh E Adab Urdu-Nasr
8.	M.A. Urdu- II semester	URD 204	Urdu Dastan
9.	M.A. Urdu- II semester	URD 206B	Arooz Aur Balaghath
10.	M.A. Urdu- III semester	URD 302	Urdu Nazm
11.	M.A. Urdu- III semester	URD 303A	Urdu Novel
12.	M.A. Urdu- III semester	URD 303C	Bunyadi Computer Course: Urdu DTP
13.	M.A. Urdu- III semester	URD 304	Sahafath Aur Zara E Iblagh
14.	M.A. Urdu- IV semester	URD 401	Urdu Lisaniyath
15.	M.A. Urdu- IV semester	URD 402	Urdu Tahqeeq
16.	M.A. Urdu- IV semester	URD 404	Telugu, Hindi Aur Angrezi Zaban O Adab Ka Taaruf

BoS Chairman

Chairman
BOS in Urdu
Dr. Mohd. Nisar Ahamed
M.A., M.Phil., Ph.D.
Associate Professor
Dept. of Arabic, Persian & Urdu
S.V. University, Tirupati-517 502, A.P.

HoD

HEAD
Dept. of Arabic, Persian & Urdu
S.V. University, TIRUPATI

DEPARTMENT OF ARABIC, PERSIAN & URDU

S.V.U. COLLEGE OF ATRS

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR

M.A. URDU

WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

SYLLABUS

Choice Based Credit System (CBCS)

January 2022

SRI VENKATESWARA UNIVERSITY:: TIRUPATI 517502
DEPARTMEN OF ARABIC, PERSIAN & URDU
SVU COLLEGE OF ARTS
P.G Degree Programme M.A (Urdu) CBCS Pattern - Amended as per NEP-2020
(With effect from the batch admitted in the academic year 2021-22)

The Course of Study and the Scheme of Examinations

SEMESTER- I

S. No	Components of Study		Title of the Course	Instruction hours per week	Credits	Internal Assessment Marks	End Semester Exam Marks	Total
1	Core	1	URD 101 : Urdu Zaban Ki Ibtedai Tareekh	6	4	20	80	100
2		2	URD 102 : Dakan Mein Urdu Zaban O Adab	6	4	20	80	100
3		3	URD 103 : Shumali Hind Mein Urdu Shayeri Ka Aghaz	6	4	20	80	100
4		4	URD 104 : Urdu Adab Mein Tanz O Mizah	6	4	20	80	100
5	Compulsory Foundation	5a	URD 105(A) : Arabi Zaban O Adab	6	4	20	80	100
		5b	URD 105(B) : Urdu Qaseeda					
		5c	URD 105(C) : Urdu Marsiya					
6	Elective Foundation	6a	URD106(A) : Urdu Drama	6	4	20	80	100
		6b	URD106(B):Junoob E Bayeed Ke Muntakhab Dakani Shura					
	Total			36	24	120	480	600
7	Audit Course	7	URD 107: Insani Aqdaar Aur Mansabi Akhlaqiyath (HVPE-I)	0	0	100	--	--

* All CORE Papers are Mandatory

- Compulsory Foundation- Chose one paper
- Elective Foundation- Chose one paper
- Audit Course - 100 Marks (Internal)-Zero credit Self Study
- Interested Students may registered for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving Extra credits

SEMESTER- II

S. No	Components of Study		Title of the Course	Instruction hours per week	Credits	Internal Assessment Marks	End Semester Exam	Total
1	Core	1	URD 201: Tareekh E Adab E Urdu-Shayeri	6	4	20	80	100
2		2	URD 202: Asnaf E Sukhan	6	4	20	80	100
3		3	URD 203: Tareekh E Adab Urdu-Nasr	6	4	20	80	100
4		4	URD 204: Urdu Dastan	6	4	20	80	100
5	Compulsory Foundation-I	5a	URD 205(A): Farsi Zaban O Adab	6	4	20	80	100
		5b	URD 205(B): Faiz Ahmed Faiz : Khusoosi Mutaliya					
		5c	URD 205(C): Sulaiman Ather Jaweed : Khusoosi Mutaliya					
6	Elective Foundation -II	6a	URD 206(A): Rayalseema Mein Urdu Sher O Adab	6	4	20	80	100
		6b	URD 206(B) : Arooz Aur Balaghath					
	Total			36	24	120	480	600
7	Audit Course	7	URD 207: Insani Aqdaar Aur Mansabi Akhlaqiyath (HVPE-II)	0	0	100	--	--

* All CORE Papers are Mandatory

- Compulsory Foundation- Chose one paper
- Elective Foundation- Chose one paper
- Audit Course - 100 Marks (Internal)-Zero credit Self Study
- Interested Students may registered for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving Extra credits

SEMESTER- III

S. No	Components of Study		Title of the Course	Instruction hours per week	Credits	Internal Assessment Marks	End Semester Exam Marks	Total
1	Core	1	URD 301 : Urdu Ghazal	6	4	20	80	100
2		2	URD 302 : Urdu Nazm	6	4	20	80	100
3	Generic Elective	3a	URD 303(A) : Urdu Novel	6	4	20	80	100
		3b	URD 303(B) : Urdu Afsana	6	4	20	80	100
		3c	URD 303(C): Bunyadi Computer Course : URDU DTP					
		3d	URD 303(D) : Urdu Khud Navishth					
4	Skill Oriented Course	4	URD 304 : Sahafath Aur Zara E Iblagh	6	4	20	80	100
5	Open Elective	5a	URD 305(A) : Jadeed Dakani Shayeri	6	4	20	80	100
		5b	URD 305(B) : Urdu Tarjuma Nigari					
	Total			36	24	120	480	600

* All CORE Papers are Mandatory

- Generic Elective- Chose Two paper
- Skill Oriented Course is Mandatory
- Open Elective are for the Students of Other Departments . Minimum One Paper should be opted.Extra credits may be earned by opting for more number of open electives depending on the interest of the students through self study.\
- Interested Students may registered for MOOC with the approval of the concerned DDC .

SEMESTER- IV

S. No	Components of Study		Title of the Course	Instruction hours per week	Credits	Internal Assessment Marks	End Semester Exam Marks	Total
1	Core	1	URD 401 : Urdu Lisaniyath	6	4	20	80	100
2		2	URD 402 : Urdu Tahqeeq	6	4	20	80	100
3	Generic Elective	3a	URD 403(A) : Urdu Tanqeed	6	4	20	80	100
		3b	URD 403(B): Ghair Afsanavi Adab					
		3c	URD 403(C): Hali: : Khusoosi Mutaliya	6	4	20	80	100
		3d	URD 403(D): Klaseeki Urdu Ghazal					
4	Multi Disciplinary course	4	URD 404: Telugu, Hindi Aur Angrezi Zaban O Adab Ka Taaruf	6	4	20	80	100
5	Open Elective	5a	URD 405(A): Sir Syed Ahmed Khan : Khusoosi Muthaliya	6	4	20	80	100
		5b	URD 405(B):Allama Iqbal : Khusoosi Muthaliya					
Total				36	24	120	480	600

* All CORE Papers are Mandatory

- Generic Elective- Chose Two paper
- Multi Disciplinary course / Project Work is Mandatory
- Open Elective are for the Students of Other Departments . Minimum One Paper should be opted.Extra credits may be earned by opting for more number of open electives depending on the interest of the students through self study.
- Interested Students may registered for MOOC with the approval of the concerned DDC .

SRI VENKATESWARA UNIVRSITY:: TIRUPATI
DEPATMENT OF ANTHROPOLOGY

Minutes of the Board of Studies Meeting.

The Board of Studies meeting (Local members only) held on **25-10-2021**at 11.00 AM in the chambers of the Head, Department of Anthropology.
Members present:

S.NO	Name of the Faculty Member	Designation
1	Prof. K. Surendranadha Reddy	HOD Anthropology
2	Dr. K. Kodanda Reddy	Member

Resolution:
It is resolved to approve the revised syllabus as per NEP (New Education Policy)- 2020, which is advised by the local board of studies members. The action plan of NEP-2020, by keeping 24 credits as per semester (4 credits each paper) and total credits of 96, with effect from 2021-2022.

Members present:

S.NO	Name of the Faculty Member	Signature
1.	Prof. K. Surendranadha Reddy	
2.	Dr. K. Kodanda Reddy	

HEAD
DEPARTMENT OF ANTHROPOLOGY
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502, A.P.

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF ANTHROPOLOGY

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

S.No	Name of the Programme	Name of courses Revised
1	Anthropology	ANO103b: Indian Anthropology ANO 103c: Social Problems and Anthropology ANO 104b: Human Ecology ANO 104 c : Tribal Development in India
		ANO 203b: Urban Anthropology ANO 203c: Field work Traditions ANO 204b: Biology, Health and Disease ANO 204c : Early Civilizations
		ANO(B) 303c: Epidemiology and Public Health ANO(B) 304: Dermatoglyphics and Human Osteometry ANO(B) 306b: Fundamentals of Anthropology ANO (S) 305: Data Management and Computer Applications ANO (S) 306b: Tribal Studies
		ANO (S) 406b: Environmental Anthropology ANO (B) 406b: Applied Biological Anthropology

BOS Chairman
CHAIRMAN, BOS
DEPARTMENT OF ANTHROPOLOGY
S. V. U. COLLEGE OF SCIENCES
TIRUPATI-517 502

HOD
HEAD
DEPARTMENT OF ANTHROPOLOGY
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502, A.P.

Member

Member

DEPARTMENT OF ANTHROPOLOGY

S.V.U. COLLEGE OF SCIENCES

SRI VENKATESWARA UNIVERSITY: TIRUPATI

(Revised Syllabus Amended as per National Educational Policy - 2020)

M.Sc. ANTHROPOLOGY (REGULAR) PROGRAMME

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-22

SYLLABUS

Choice Based Credit System (CBCS)

		MULTI DISCIPLINARY COURSE / PROJECT WORK : Field work and Dissertation , Viva-Voce	4
		OPEN ELECTIVE: 1 Paper (For others) :1. Visual Anthropology 2. Environmental Anthropology	4
Total credits			96
PS: Students can choose extra any number of external electives			

The course of the study and scheme of examination

Semester-I

S.No	Components of study	Title of the Course	Title of the Paper	Credits Hrs/week	No. of Credit	IA Marks	Sem End Exam Marks	Total
1.	Core	1	Introduction to Biological Anthropology	6	4	20	80	100
2.		2	Introduction to Social –Cultural Anthropology	6	4	20	80	100
3.	Compulsory Foundation	3a	Introduction to Archaeological Anthropology	6	4	20	80	100
		3b	Indian Anthropology					
		3c	Social Problems and Anthropology					
4.	Elective Foundation	4a	Economic and Political Anthropology	6	4	20	80	100
		4b	Human Ecology					
		4c	Tribal Development in Inida					
5.	Practical -I	5	Somatometry and Somatoscopy	9	4	--	100	100
6.	Practical – II	6	Archaeological Anthropology	9	4	--	100	100
	Total			**42**	**24**	**80**	**520**	**600**
7.	Audit Course: Human values and professional Ethics-I			0	0	**100**	0	0

Semester-II

S.No	Components of study	Title of the Course	Title of the Paper	Credits Hrs/week	No. of Credit	IA Marks	Sem End Exam Marks	Total
1.	Core	1	Comparative Ethnography and Indian Anthropology	6	4	20	80	100
2.		2	Principles of Genetics	6	4	20	80	100
3.	Compulsory Foundation	3a	Prehistoric India	6	4	20	80	100
		3b	Urban Anthropology					
		3c	Field work Traditions					
4.	Elective Foundation	4a	Research methods in Anthropology	6	4	20	80	100
		4b	Biology, Health and Disease					
		4c	Early Civilizations					
5.	Practical -I	5	Doing Ethnography	9	4	--	100	100
6.	Practical – II	6	Craniology and Craniometry	9	4	--	100	100
	Total			**42**	**24**	**80**	**520**	**600**
7.	Audit Course: Human values and professional Ethics-II			0	0	**100**	0	0

(Specialization- B – Biological Anthropology)

Semester-III

S.No	Components of study	Title of the Course	Title of the Paper	Credits Hrs/week	No. of Credit	IA Marks	Sem End Exam Marks	Total
1.	Core	1	Human Evolution and Fossil Evidence	6	4	20	80	100
2.		2	Human Genetics	6	4	20	80	100
3.	Generic Elective	3a	Anthropological Demography	6	4	20	80	100
		3b	Forensic Anthropology					
		3c	Epidemiology and Public Health					
4.	Practicals	4	Dermatoglyphics and Human Osteometry	9	4	---	100	100
5.	Skill Oriented Course	5	Biostatistics and computer Applications	9 (3+6)	4	10	90 (40+50)	100
6.	Open Elective	6a	Palaeo Anthropology	6	4	20	80	100
		6b	Fundamentals of Anthropology					
	Total			**42**	**24**	**90**	**510**	**600**

Semester-IV

S.No	Components of study	Title of the Course	Title of the Paper	Credits Hrs/week	No. of Credit	IA Marks	Sem End Exam Marks	Total
1.	Core	1	Biological Anthropology	6	4	20	80	100
2.		2	Human Population Genetics	6	4	20	80	100
3.	Generic Elective	3a	Human Growth, Physique and Nutrition	6	4	20	80	100
		3b	Applied Biological Anthropology					
		3c	Medical Genetics					
4.	Practicals	4	Advanced Biological Anthropology	9	4	---	100	100
5.	Multi Disciplinary course/project work	5	Filed work, Dissertation, Viva-Voce	--	4	---	100	100
6.	Open Elective	6a	Epidemiology	6	4	20	80	100
		6b	Applied Biological Anthropology					
	Total			**33**	**24**	**80**	**520**	**600**

(Specialization - B : Social Cultural Anthropology)

Semester-III

S.No	Components of study	Title of the Course	Title of the Paper	Credits Hrs/week	No. of Credit	IA Marks	Sem End Exam Marks	Total
1.	Core	1	Theories of Culture	6	4	20	80	100
2.		2	Social Anthropology of Complex Societies	6	4	20	80	100
3.	Generic Elective	3a	Ecological Anthropology	6	4	20	80	100
		3b	Applied Anthropology- Indigenous communities					
		3c	Anthropology of Religion –Sacred complexes in India					
4.	Practicals	4	Participatory Research Methods in Community Development process	9	4	---	100	100
5.	Skill Oriented Course	5	Data Management and Computer Applications	9 (3+6)	4	10	90 (40+50)	100
6.	Open Elective	6a	Anthropology & Career Promotion	6	4	20	80	100
		6b	Tribal Studies					
	Total			**42**	**24**	**90**	**510**	**600**

Semester-IV

S.No	Components of study	Title of the Course	Title of the Paper	Credits Hrs/week	No. of Credit	IA Marks	Sem End Exam Marks	Total
1.	Core	1	Structural Anthropology	6	4	20	80	100
2.		2	Developmental Anthropology	6	4	20	80	100
3.	Generic Elective	3a	Medical Anthropology	6	4	20	80	100
		3b	Culture and Management					
		3c	Anthropology of Displaced Populations					
4.	Practicals	4	Non-Governmental Organizations and Extension studies	9	4	---	100	100
5.	Multi Disciplinary course/project work	5	Filed work, Dissertation, Viva-Voce	-	4	---	100	100
6.	Open Elective	6a	Visual Anthropology	6	4	20	80	100
		6b	Environmental Anthropology					
	Total			**33**	**24**	**80**	**520**	**600**

SRI VENKATESWARA UNIVERSITY: TIRUPATI
DEPARTMENT OF BIOCHEMISTRY

Minutes of meeting of BOS with members held on 5th November 2021 at 11 AM in the Department of Biochemistry, S.V. University, Tirupati.

The members of BOS discussed the **M.Sc. Biochemistry** syllabus as per NEP-2020 and regulations under choice based credit system and unanimously approved the enclosed syllabus and regulations for **M.Sc. Biochemistry** to be effective for the batch of students to be admitted from 2021-22 onwards.

BCH-202	**Nitrogen Metabolism** **Unit I:** added Nif gene **Unit IV:** Toxic chemicals in the environment, Mode of entry of toxic substance, Insecticides, MIC effects, Pesticides, biotransformation of xenobiotics, detoxification. Carcinogens in air, chemical carcinogenicity, mechanism of carcinogenicity, Environmental carcinogenicity testing.
BCH-302	**Ecology and evolution**
BCH-305	**Clinical Biochemistry (skill oriented course)**

Signatures:

1. Chairman : Prof.Ch. Appa Rao
2. Members:

Prof. K.Sreeramulu – External Member (online)
Department of Biochemistry
Gulbarga University, Gulbarga.

Prof.K.Kemparaju - External Member (online)
Department of Biochemistry
Mysore University, Mysore.

BCH 202: NITROGEN METABOLISM

Unit I

Metabolism of proteins and amino acids: Introduction, General metabolic reactions of amino acids. Degradation and biosynthesis of individual amino acids in animal, plant, and microbial systems.End products of amino acid metabolism - Krebs Haslett urea cycle.

Biosynthesis and Regulation of amino acids and disorders related to amino acid metabolism. Nitrogen cycle, Non-biological and biological nitrogen fixation, Nitrogenase system, Nif genes.

Unit II

Amino acids as biosynthetic precursors-Formation of creatine, seratonine, histamine, polyamines, melatonine, GABA, melanine, catecholamines.

Non-ribosomal peptide synthesis-glutathione, cyclic antibiotics (gramicidin).

Unit III

Metabolism of Nucleic Acids: Biosynthesis and degradation of Purines and regulation of path ways. Biosynthesis and degradation of Pyrimidines and regulation of pathways.

Interconversion of nucleotides, Metabolic disorders related to nucleic acid metabolism.

Unit IV

Toxic chemicals in the environment, Mode of entry of toxic substance, Insecticides, MIC effects, Pesticides, biotransformation of xenobiotics, detoxification.

Carcinogens in air, chemical carcinogenicity, mechanism of carcinogenicity, Environmental carcinogenicity testing

Recommended Books:

1. Principles of Biochemistry, White. A, Handler, P andSmith.
2. Biochemistry, Lehninger A. L.
3. Biochemistry, David E.Metzler.
4. Biochemistry, Lubert Stryer.
5. Review of physiological chemistry, Harold A.Harper.
6. Outlines of Biochemistry, Conn and Stumpf.
7. Metabolic pathways –Greenberg.
8. Mitochondria, Munn.
9. Biochemistry, 2nd Edition, G. Zubay.
10. Environmental hazards & human health R.B. Philip
11. Toxicology - Principles & applications - Niesink & Jon devries.

BCH 203P: ENZYMOLOGY PRACTICALS

1. Amylase from Saliva.
2. Urease from Horse-gram.
3. Acid phosphatase from Potato.
4. Alkaline phosphatase from Serum.
5. Cholinesterase from Blood.
6. SDH from Liver.
7. Invertase from yeast.
8. Trypsin
9. LDH from Serum (Isoenzymes).
10. Enzyme purification and enzyme kinetics (Determination of Vmax, Km and Ki).
11. Effect of pH, Temperature, Activators, Inhibitors.
12. Immobilization of enzymes (demonstration only).

BCH 302: Ecology and Evolution

Unit I

The Environment: Physical environment; biotic environment; biotic and abiotic interactions. Habitat and Niche: Concept of habitat and niche; niche width and overlap; fundamental and realized niche; resource partitioning; character displacement.

Population Ecology: Characteristics of a population; population growth curves; population regulation; life history strategies (r and K selection); concept of metapopulation – demes and dispersal, interdemic extinctions, age structured populations.

Unit II

Species Interactions: Types of interactions, interspecific competition, herbivory, carnivory, pollination, symbiosis. Community Ecology: Nature of communities; community structure and attributes; levels of species diversity and its measurement; edges and ecotones. Ecological Succession: Types; mechanisms; changes involved in succession; concept of climax.

Unit III

Ecosystem Ecology: Ecosystem structure; ecosystem function; energy flow and mineral cycling (C, N, and P); primary production and decomposition; structure and function of some Indian ecosystems: terrestrial (forest, grassland) and aquatic (fresh water, marine, eustarine). Environmental pollution, Biodiversity management approaches.

Conservation Biology: Principles of conservation, major approaches to management, Indian case studies on conservation/management strategy (Project Tiger, Biosphere reserves).

Unit IV

Paleontology and Evolutionary History: The evolutionary time scale; Eras, periods and epoch; Major events in the evolutionary time scale; Origins of unicellular and multi cellular organisms; Major groups of plants and animals; Stages in primate evolution including Homo.

Population genetics – Populations, Gene pool, Gene frequency; Hardy-Weinberg Law; concepts and rate of change in gene frequency through natural selection, migration and random genetic drift; Adaptive radiation; Isolating mechanisms; Speciation; Allopatricity and Sympatricity; Convergent evolution; Sexual selection; Co-evolution.

Recommended Books

1. Ecology and Environment-P.D.Sharma
2. Organic evolution-Veerbala Rastogi
3. Evolution and Ecology-Subroto Biswas and Aman Biswas.

BCH305: CLINICAL BIOCHEMISTRY (SKILL ORIENTED COURSE)

Unit I

Introduction to Clinical Biochemistry: Introduction and maintenance of clinical biochemistry laboratory; awards in clinical biochemistry laboratory, units, 'normal range', reference values. Factors affecting reference values quality control in laboratory – use of external and internal standards, use of WHO standards. Selection of analytical methods. Automation in clinical laboratory. Collection and preservation of specimens.

Disorders of Carbohydrate Metabolism: Importance of extra cellular glucose, blood glucose homeostasis- role of tissues and hormones, hyperglycemia and hypoglycemia. Diabetes mellitus – classification, etiology, clinical and laboratory features. Diagnosis of diabetes mellitus – glucose tolerance test, random fasting and post- prandial glucose levels, glycosuria, ketone bodies, glycosylated hemoglobin, plasma insulin. Metabolic complications – diabetic hyperglycemic coma and nonketotic coma, lactic acidosis, atherosclerosis, neuropathy. Hypoglycemia – fasting and provoked, diagnosis – stimulation tests (I.V. glucagon and leucine test), extended G.T.T; hypoglycemia in children – neonatal and early infancy. Investigation of glycogen storage diseases, galactosemia, hereditary fructosuria, lactose intolerance.

Unit II

Inborn errors of amino acid metabolism – Phenylketonuria, alkaptonuria, Hartnup's maple-syrup urine disease, Plasma proteins in health and changes in diseases, paraproteinaemias, proteinuria. Lipid metabolism: Plasma lipids and lipoproteins and their functions. Hyperlipo-proteinemias, Classification – primary and secondary. Investigation of lipoproteinemias and lipidemias.

Renal function: Glomerular and tubular functions. Tests for evaluation – concentration, dilution, excretion, clearance tests, nephritic syndrome.

Unit III

Clinical Enzymology: Plasma enzyme in diagnosis and prognosis – aminotransferases, creatine kinase, LDH, alpha amylase, phosphatases, choline esterase, glucose 6-phosphate dehydrogenase, Gama glutamyl transferase. Isozymes of LDH alkaline phosphatase. Clinical application of plasma enzyme assays in myocardial infraction, liver disease, and muscle disease.

Disorders of Gastrointestinal Tract: Gastric function. Stimulation of gastric secretion. Composition of gastric secretion. Test for gastric function – fractional test meal. Pentagastrin test, insulin stimulation tests, hyperchlorohydria, achlorohydria, achyliagastrica. Pancreatic exocrine secretion – composition.Duodenal contents – collection, examination following stimulation of pancreas; analysis; malabsorption syndrome due to intestinal disease and pancreatic dysfunction, differential diagnosis.Disaccharides deficiency.

Unit IV

Biochemical aspects of Liver disease: Bile acid metabolism and bile formation. Bilirubin metabolism: biosynthesis, transport, hepatic uptake and transport, conjugation and excretion, enterohepatic circulation. Liver function tests related to protein, carbohydrate, lipid, pigment metabolism, detoxification and excretion. Serum enzymes in liver disease. Jaundice – classification and differential diagnosis. Kernicterus. Hydrogen ion homeostasis: Blood buffers, bicarbonate-buffering system. Role of Kidney. Red cells, lungs, acidosis and alkalosis.

Recommended Books:

1. Essentials of Food and Nutrition, Vol. I & II, M. S. Swaminathan.
2. Text Book of Biochemistry with clinical correlations. Thomas M. Devlin (JohnWily).
3. Harper's Review of Biochemistry, Murray et al. (Longman).
4. Biochemical aspects of human disease – R.S. Elkeles and A.S. Tavil. (Blackwell ScientificPublications).
5. Clinical chemistry in diagnosis and treatment-JoanF.Zilva and P.R.Pannall (Lloyd-Luke Medical Books.
6. Varley's Practical clinical Biochemistry – Ed. Alan W. Gowenlock (Heinemann Medical Books, London, 1988).
7. Clinical diagnosis and management by Lab methods (John Bernard Henry, W.B. Salunders Company, 1984).
8. Clinical Biochemistry – S. Ramakrishnan and Rajiswami.
9. Chemical Biochemistry (Metabolic and clinical aspects) by W. J. Marshall & S. K. Bangert.
10. Text book of clinical Biochemistry by Tietz et al.

BCH 306a: GENERIC ELECTIVE: ENDOCRINOLOGY

SRI VENKATESWARA UNIVERSITY: TIRUPATI
DEPARTMENT OF BIOCHEMISTRY

Minutes of meeting of BOS with internal members held on 5th November 2021 at 11 AM in the Department of Biochemistry, S.V. University, Tirupati.

The members of BOS discussed the M.Sc. Biochemistry (Immunology) syllabus as per NEP-2020 syllabus and regulations under choice based credit system and unanimously approved the enclosed syllabus and regulations for M.Sc. Biochemistry (Immunology) to be effective for the batch of students to be admitted from 2021-22 onwards.

IMT-202	Nitrogen Metabolism Unit I: added Nif gene Unit IV: Toxic chemicals in the environment, Mode of entry of toxic substance, Insecticides, MIC effects, Pesticides, biotransformation of xenobiotics, detoxification. Carcinogens in air, chemical carcinogenicity, mechanism of carcinogenicity, Environmental carcinogenicity testing.
IMT-302	Ecology and evolution
IMT-305	Clinical Immunology (skill oriented course)

Signatures:

1. Chairman : Prof. Ch. Appa Rao
2. Members :

BCH202: NITROGEN METABOLISM

Unit I

Metabolism of proteins and amino acids: Introduction, General metabolic reactions of amino acids. Degradation and biosynthesis of individual amino acids in animal, plant, and microbial systems. End products of amino acid metabolism - Krebs Haslett urea cycle.
Biosynthesis and Regulation of amino acids and disorders related to amino acid metabolism.
Nitrogen cycle, Non-biological and biological nitrogen fixation, Nitrogenase system, Nif genes.

Unit II

Amino acids as biosynthetic precursors-Formation of creatine, seratonine, histamine, polyamines, melatonine, GABA, melanine, catecholamines.
Non-ribosomal peptide synthesis-glutathione, cyclic antibiotics (gramicidin).

Unit III

Metabolism of Nucleic Acids: Biosynthesis and degradation of Purines and regulation of path ways. Biosynthesis and degradation of Pyrimidines and regulation of pathways.
Inter-conversion of nucleotides, Metabolic disorders related to nucleic acid metabolism.

Unit IV

Toxic chemicals in the environment, Mode of entry of toxic substance, Insecticides, MIC effects, Pesticides, biotransformation of xenobiotics, detoxification.
Carcinogens in air, chemical carcinogenicity, mechanism of carcinogenicity, Environmental carcinogenicity testing

Recommended Books:

1. Principles of Biochemistry, White. A, Handler, P and Smith.
2. Biochemistry, Lehninger A. L.
3. Biochemistry, David E.Metzler.
4. Biochemistry, Lubert Stryer.
5. Review of physiological chemistry, Harold A.Harper.
6. Text of Biochemistry, West and Todd.
7. Outlines of Biochemistry, Conn and Stumpf.
8. Metabolic pathways–Greenberg.
9. Mitochondria, Munn.
10. Biochemistry, 2nd Edition, G. Zubay.
11. Environmental hazards & human health R.B. Philip
12. Toxicology - principles & applications - Niesink & Jon devries

BCH 203P: ENZYMOLOGY PRACTICALS

1. Amylase from Saliva.
2. Urease from Horse-gram.
3. Acid phosphatase from Potato.
4. Alkaline phosphatase from Serum.
5. Cholinesterase from Blood.
6. SDH from Liver.
7. Invertase from yeast.
8. Trypsin
9. LDH from Serum (Isoenzymes).
10. Enzyme purification and enzyme kinetics (Determination of Vmax, Km and Ki).
11. Effect of pH, Temperature, Activators, Inhibitors.
12. Immobilization of enzymes (demonstration only).

IMT 302: Ecology and Evolution

Unit I

The Environment: Physical environment; biotic environment; biotic and abiotic interactions. Habitat and Niche: Concept of habitat and niche; niche width and overlap; fundamental and realized niche; resource partitioning; character displacement.

Population Ecology: Characteristics of a population; population growth curves; population regulation; life history strategies (r and K selection); concept of metapopulation – demes and dispersal, interdemic extinctions, age structured populations.

Unit II

Species Interactions: Types of interactions, interspecific competition, herbivory, carnivory, pollination, symbiosis. Community Ecology: Nature of communities; community structure and attributes; levels of species diversity and its measurement; edges and ecotones.

Ecological Succession: Types; mechanisms; changes involved in succession; concept of climax.

Unit III

Ecosystem Ecology: Ecosystem structure; ecosystem function; energy flow and mineral cycling (C, N, and P); primary production and decomposition; structure and function of some Indian ecosystems: terrestrial (forest, grassland) and aquatic (fresh water, marine, eustarine).

Environmental pollution, Biodiversity management approaches. Conservation Biology: Principles of conservation, major approaches to management, Indian case studies on conservation/management strategy (Project Tiger, Biosphere reserves).

Unit IV

Paleontology and Evolutionary History: The evolutionary time scale; Eras, periods and epoch; Major events in the evolutionary time scale; Origins of unicellular and multi cellular organisms; Major groups of plants and animals; Stages in primate evolution including Homo.

Population genetics – Populations, Gene pool, Gene frequency; Hardy-Weinberg Law; concepts and rate of change in gene frequency through natural selection, migration and random genetic drift; Adaptive radiation; Isolating mechanisms; Speciation; Allopatricity and Sympatricity; Convergent evolution; Sexual selection; Co-evolution.

Recommended Books

1) Ecology and Environment-P.D.Sharma
2) Organic evolution-Veerbala Rastogi
3) Evolution and Ecology-SubrotoBiswas and Aman Biswas

IMT 303P: CLINICAL IMMUNOLOGY PRACTICALS

1. Raising of antibodies to soluble antigen in rabbits.
2. Immunodiffusion.
3. Single Radial Immunodiffusion.
4. Rocket immunoelectrophoroesis.
5. Cross over Immunoelectrophoresis.
6. Graber and Williams Immunoelectrophoresis.
7. Detection of HCG by latex agglutination inhibition test.
8. Haeme agglutination tests for identification of human blood groups.
9. Detection by viral fever by slide agglutination tests.

IMT 304P: MOLECULAR BIOLOGY PRACTICALS

1) Isolation of DNA from bacterial, plant and animal cells.
2) Estimation of DNA by Diphenylamine method.
3) Isolation RNA from yeast cells.
4) Estimation of RNA BY Orcinol method.
5) Estimation of DNA and purity determination by UV absorption method.
6) Determination of melting temperature(Tm).
7) Isolation of plasmid DNA from *E. coli*.

8) Detection and differentiation of open circular, linear and closed covalent circular plasmid DNA by submarine gel electrophoresis.
9) Transformation of E. coli with ampicillin resistant plasmid.
10) Trasfection of M13 DNA into E. coliJM103.
11) Isolation of phageM13.
12) Isolation of single and double standard M13DNA.
13) Conjugation: Use of broad host range plasmid RP in demonstrating conjugation transfer of plasmid bacteria.
14) Catabolite repression: Evidence of B-Galactosidase induction in presence of lactose in *E .coli* lac strains.

Recommended Books:

1. Hawk's Physiological chemistry
2. Practical Biochemistry by T. Plummer
3. Practical Biochemistry by J. Jayaraman
4. Klemir and others: practical Biological chemistry.
5. Practical Biochemistry – Koch and Hank Dunn and Drell
6. Practical Biochemistry-Sawhney (2000)
7. Varley's Practical clinical Biochemistry – Ed. Alan W. Gowenlock (Heinemann Medical Books)

IMT 305: CLINICAL IMMUNOLOGY (SOC)

Unit I

Introduction to Clinical Immunology: Introduction and maintenance of clinical Immunology/ biochemistry laboratory; hazards in clinical laboratory; units; 'normal range', reference values.

Factors affecting reference values quality control in laboratory – use of external and internal standards; use of WHO standards. Selection of analytical methods. Automation in clinical laboratory. Collection and preservation of specimens. Natural Immunity, a. First Line of Defense innate / nonspecific immunity b. Adaptive / specific immunity, c. Factors associated with immunologic disease,Components of the Immune System. Immune response to various infectious diseases

Unit II

Primary immune deficiencies, AIDS and other acquired or Secondary immune deficiencies, Auto immune diseases,

Animal model for autoimmune diseases. Proposed mechanism for induction of autoimmunity. Treatment of autoimmune diseases.

Unit III

Transplantation, Types of grafts, Graft acceptance and rejection, Clinical manifestation of graft rejection.

General immunosuppressive therapy, immune tolerance to allografts, clinical transplantation.

Unit IV

Cancer origin and terminology, malignant transformation of cells, oncogenes and cancer induction, tumors of the immune systems, tumor antigens, tumor evasion of the immune system and cancer immunotherapy.

Psycho immunology: Psychoneuroimmunology, Immuno mediators, Immune system neuro anatomy, Neuroimmuno modulation,

References:

1. Turgons "Immunology and serology" by Mosby Latest Edition 2007
2. Immunology by Irwin Roitt Latest edition
3. Immunology by Kubay.
4. Varley's Practical clinical Biochemistry–Ed. Alan W.Gowenlock (Heinemann medical).
5. Clinical diagnosis and management by Laboratory methods (John Bernard Henry, W.B.

SRI VENKATESWARA UNIVRSITY:: TIRUPATI

DEPATMENT OF BOTANY

1.1.2. Minutes of the Board of Studies Meeting.

Venue: HOD Chamber **Date: 27-4-2021** **Time: 2:30 PM**

Members present:

S.NO	Name of the Faculty Member	Designation
1	Prof. T. Vijaya	Chairperson, BOS
2	Prof. G. Sudarsanam	Head of the Dept.
3	Prof. N. Savithramma	Member
4	Prof. J.S.R. Murthy	Member
5	Dr. M. Nagalakshmi Devamma	Member

Agenda: 1. Finalization of syllabus for M. Sc. Botany for its introduction from the Academic year 2021-2022.
6. Any other item.

Resolutions:

7. The M.Sc. Botany syllabus prepared as per Outcome Based Education (OBE) has been discussed and by following the suggestions/Improvements were incorporated as suggested by members of BOS and External Experts.

8. Under National Educational Policy (NEP), Skill development, Project work and Multidisciplinary courses were introduced at III and IV semester respectively.

9. Course Curriculum contents were discussed at length and M.Sc. Botany Programme syllabus was drafted.

Based on the above considerations, the BOS members unanimously resolved to approve and recommended the Revised Syllabus with effect from the Academic Year 2021-2022 as per guidelines of the NEP-2020.

Signatures:

S.NO	Name of the Faculty Member	Signature
1.	Prof. T. Vijaya	
2.	Prof. G. Sudarsanam	
3.	Prof. N. Savithramma	
4.	Prof. J.S.R. Murthy	
5.	Dr. M. Nagalakshmi Devamma	M.N. Lakshmi

Chairperson, Board of Studies (PG)
Department of Botany
S.V. University
TIRUPATI - 517 502 (A.P.)

HEAD
Department of Botany
S.V. University
TIRUPATI - 517 502 (A.P.)

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF BOTANY

Certified that the syllabus of the following list of Courses have been revised during the Academic year 2021-2022.

S.No	Name of the Programme	Programme Code	Name of Courses Revised
1	**BOTANY**	BOT	Bot-104: Plant Development& Reproduction. Bot-202 : Phytodiversity and Conservation Bot-204 : Cell Biology, Genetics and Evolution Bot-303 : Skill Oriented Course Bot-304A : Plant Resource and Human Welfare Bot-304C : Organic Farming Bot-404B : Ethnobotany and Plant Drugs Bot-403 : Project Work

BOS Chairman

HOD
(Dr. J.S.R. Murthy)

Member

Member

SRI VENKATESWARA UNIVERSITY

TIRUPATI – 517 502 (A.P.)

M.Sc. BOTANY DEGREE COURSE
Choise Based Credit System (CBCS)

SYLLABUS

(w.e.f. 2021-2022)
(New Syllabus as per NEP-2020)

DEPARTMENT OF BOTANY
SRI VENKATESWARA UNIVERSITY
TIRUPATI

SRI VENKATESWARA UNIVERSITY, TIRUPATI

TWO YEAR M.Sc. BOTANY DEGREE COURSE

Amended as per NEP-2020

CHOICE BASED CREDIT SYSTEM

(From the batch of students admitted during the academic year 2021-'22)

SCHEME OF INSTRUCTION AND EXAMINATION

SEMESTER – I

Sl. No.	Components of Study	Course Code	Title of the Paper	No. of contact hours	No. of credits	IA Marks	Sem. End Exam marks	Total
1.	Core	Bot-101	Algae, Bryophytes, Pteridophytes and Gymnosperms	4	4	20	80	100
2.	Core	Bot-102	Taxonomy of Angiosperms	4	4	20	80	100
3.	Compulsory Foundation	Bot-103	Microbiology	4	4	20	80	100
4.	Elective Foundation	Bot-104	Plant Development and Reproduction	4	4	20	80	100
5.	Practical – I	Bot-105P	Bot – 101 & 102	4	2	-	-	100
				4	2	-	-	
6.	Practical -II	Bot-106P	Bot – 103 & 104	4	2	-	-	100
				4	2	--	--	
			Total :	**32**	**24**	**--**	**--**	**600**
	Audit Course						**100**	

SEMESTER – II

Sl. No.	Components of Study	Course Code	Title of the course	No. of hours	No. of credits	IA Marks	Sem. End Exam marks	Total
1.	Core Theory	Bot-201	Plant Biochemistry and Metabolism	4	4	20	80	100
2.	Core Theory	Bot-202	Phytodiversity and Conservation	4	4	20	80	100
3.	Compulsory Foundation	Bot-203	Plant Ecology	4	4	20	80	100
4.	Elective Foundation	Bot-204	Cell Biology, Genetics and Evolution	4	4	20	80	100
5.	Practical– I	Bot-205P	Bot – 201 & 202	4	2	--	--	100
				4	2			
6.	Practical -II	Bot-206P	Bot – 203 & 204	4	2	--	--	100
				4	2			
			Total :	**32**	**24**	**--**	**--**	**600**
7.	Audit Course			**0**	**0**	**0**	**100**	**0**

SEMESTER – III

Components of Study	Course Code	Title of the course	No. of hours	No. of credits	IA Marks	Sem. End Exam marks	Total
Core Theory	Bot-301	Molecular Plant Physiology	4	4	20	80	100
Core Theory	Bot-302	Molecular Biology and Techniques	4	4	20	80	100
Skilled Oriented Course	Bot-303A	Mushroom Cultivation	4	4	20	80	100
External Elective/ Open Elective; Choose any one paper	Bot-304A	Plant Resource and Human Welfare	4	4	20	80	100
	Bot-304B	Gardening and Nursery Techniques					
	Bot-304C	Organic Farming					
Core Practical– I	Bot-305P	Theory Papers : Bot – 301 & 302	4	2	--	--	100
			4	2			
Skilled Oriented Course Practical	Bot-306P	Theory Paper : Bot – 303A	4	2	--	--	100
			4	2			
		Total :	**32**	**24**	**--**	**--**	**600**

SEMESTER – IV

Components of Study	Course Code	Title of the course	No. of hours	No. of credits	IA Marks	Sem. End Exam marks	Total
Core Theory	Bot-401	Genomics and Proteomics	4	4	20	80	100
Core Theory	Bot-402	Plant Biotechnology	4	4	20	80	100
Generic Elective/Internal Elective ; Choose any one paper	Bot-403A	Phytomedicine	4	4	20	80	100
	Bot-403B	Horticulture					
Practical (Core & Generic)	-	Theory Papers Bot-401 & 402 and Bot-403A/403B	4	4	-	-	100
Project work	--	Dissertation, Viva	4	4	-	-	100
External Elective/ Open Elective Choose any one paper	Bot-404A	Nanobiotechnology	4	4	20	80	100
	Bot-404B	Ethnobotany and Plant Drugs	4				
	Bot-404C	Forest Management	4				
		Total :	**32**	**24**			**600**

Date: 12-11-2021

SRI VENKATESWARA UNIVERSITY 6 DEC 2021 TIRUPATI

058866

From
Prof. T. Vijaya
Chairperson, BOS
Department of Biotechnology
Sri Venkateswara University
Tirupati-517 502.

To
The Registrar
Sri Venkateswara University
Tirupati-517 502.

THROUGH PROPER CHANNEL

Sir,

Sub: Revised syllabus of M.Sc. Biotechnology as per NEP -2020- Reg.

****

I am herewith sending the Minutes of the meeting of Board of Studies in Biotechnology, S.V.University held on 12-11-2021 and revised syllabus copy as per NEP -2020 for your kind perusal.

Thanking you.

Sincerely,

(T. VIJAYA)

Copy to the Principal, SVU College of Sciences, Tirupati.

SRI VENKATESWARA UNIVERSITY, TIRUPATI
DEPARTMENT OF BIOTECHNOLOGY

Minutes of the meeting of Board of Studies in Biotechnology held on 12.11.2021 at 11:00 A.M in the Department of Biotechnology, S.V. University, Tirupati. It is resolved to revise the syllabus of M.Sc. Biotechnology programme as per NEP - 2020

Members present

S.No.	Name		Signature.
1.	**Prof. T. Vijaya** Department of Botany Sri Venkateswara University Tirupati-517 502.	**Chairman**	
2.	**The Head** Department of Biotechnology Sri Venkateswara University Tirupati-517 502	**Ex-Officio**	
3.	**Prof. M. Hema** Department of Virology Sri Venkateswara University Tirupati-517 502.	**Member**	
4.	**Prof. G.Sudarsanam** Department of Botany Sri Venkateswara University Tirupati-517 502.	**Member**	
5.	**Prof. R. Usha** Department of Biotechnology Sri Padmavathi Mahila University Tirupati – 517 502	**Member**	R. Usha
6.	**Prof. A. Sadanandam** Department of Biotechnology Kakatiya University Warangal-506001, Telangana	**Member**	
7.	**Dr. K.V. Saritha** Associate Professor Department of Biotechnology Sri Venkateswara University Tirupati-517 502	**Faculty Department of Biotechnology**	K.V. Saritha

SRI VENKATESWARA UNIVRSITY:: TIRUPATI

DEPATMENT OF BIOTECHNOLOGY

Minutes of the meeting of board of studies in Biotechnology held on 12.11.2021 at 11:00 A.M and it is resolved to revise the syllabus of M.Sc. Biotechnology programme as per NEP – 2020.

Certified that the syllabus of the following list of programs have been revised during the Academic year 2021-2022.

S.No	Name of the Programme	Course Code	Name of Courses Revised
1.	M.Sc. Biotechnology	BTH 103a	Microbiology and diseases
2.	M.Sc. Biotechnology	BTH 103b	Molecular Plant Physiology
3.	M.Sc. Biotechnology	BTH 104a	Cell biology and genetics
4.	M.Sc. Biotechnology	BTH 104b	Molecular Genetics
5.	M.Sc. Biotechnology	BTH 106P	Microbiology and Cell Biology
6.	M.Sc. Biotechnology	BTH 107	Human Values& Professional ethics I
7.	M.Sc. Biotechnology	BTH 203a	Immunology
8.	M.Sc. Biotechnology	BTH 203b	Cancer Biology
9.	M.Sc. Biotechnology	BTH 204b	Proteomics
10.	M.Sc. Biotechnology	BTH 205P	Enzymes and Intermediary Metabolism, Molecular Biology & Immunology
11.	M.Sc. Biotechnology	BTH 206P	Biostatistics and Bioinformatics
12.	M.Sc. Biotechnology	BTH 207	Human Values& Professional ethics II
13.	M.Sc. Biotechnology	BTH 303c	Emerging technologies in Biotechnology
14.	M.Sc. Biotechnology	BTH 304 P	Genetic Engineering, Food and Industrial Biotechnology
15.	M.Sc. Biotechnology	BTH 305	Plant Tissue Culture
16.	M.Sc. Biotechnology	BTH 306b	Bioinformatics

Members present

S.No.	Name		Signature.
1.	**Prof. T. Vijaya** Department of Botany Sri Venkateswara University Tirupati-517 502.	**Chairman**	
2.	**The Head** Department of Biotechnology Sri Venkateswara University Tirupati-517 502	**Ex-Officio**	
3.	**Prof. M. Hema** Department of Virology Sri Venkateswara University Tirupati-517 502.	**Member**	
4.	**Prof. G.Sudarsanam** Department of Botany Sri Venkateswara University Tirupati-517 502.	**Member**	
5.	**Prof. R. Usha** Department of Biotechnology Sri Padmavathi Mahila University Tirupati – 517 502	**Member**	
6.	**Prof. A. Sadanandam** Department of Biotechnology Kakatiya University Warangal-506001, Telangana	**Member**	
7.	**Dr. K.V. Saritha** Associate Professor Department of Biotechnology Sri Venkateswara University Tirupati-517 502	**Faculty** **Department of Biotechnology**	

DEPARTMENT OF BIOTECHNOLOGY
S.V.U. COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR M.Sc. BIOTECHNOLOGY PROGRAMME TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

SYLLABUS
Choice Based Credit System (CBCS)

(New Syllabus as per NEP-2020)

M.Sc. Biotechnology programme CBCS pattern (with effect from 2021-2022)

Vision:

The vision is to become a leader and centre of excellence in technology based training and innovative research in the fields of Plant, Agriculture, Animal and Medical Biotechnology.

Mission:

The Department's academic and research programmes will provide the students and research scholars value based, technology oriented education in a trusting and caring environment. The faculty strive to equip the students with technical expertise and knowledge to keep pace with the changes in technology and meet the new challenges in Life Sciences.

Programme Objectives

S. No.	Components of the Study	Title of the course	Title of the paper	Credit Hrs/ Week	No. of credit	IA Marks	Sem End Exam Marks	Total
1	Core	BTH 101	Structure and Functions of Biomolecules	6	4	20	80	100
2	Core	BTH 102	Advanced Tools and Techniques	6	4	20	80	100
3	Compulsory Foundation	BTH 103a	Microbiology and diseases	6	4	20	80	100
		BTH 103b	Microbial physiology & Genetics					
4	Elective Foundation	BTH 104a	Cell biology and genetics	6	4	20	80	100
		BTH 104b	Molecular Genetics					
5	Practical -I	BTH 105P	Bio-molecules and Advanced Tools and Techniques	6	4	--	--	100
6	Practical - II	BTH 106P	Microbiology and Cell Biology	6	4	--	--	100
	Total			36	24	120	480	600
7	Audit course	BTH 107	Human Values& Professional ethics	0	0	100	0	0

Semester - II

S. No	Components of the Study	Title of the course	Title of the paper	Credit Hrs/ Week	No. of credit	IA Marks	Sem End Exam Marks	**Total**
1	Core	BTH 201	Enzymes and Intermediary Metabolism	6	4	20	80	100

2	Core	BTH 202	Molecular Biology	6	4	20	80	100
3	Compulsory Foundation	BTH 203a	Immunology	6	4	20	80	100
		BTH 203b	Cancer Biology					
4	Elective Foundation	BTH 204a	Research Methodology, Biostatistics and Bioinformatics	6	4	20	80	100
		BTH 204b	Biostatistics					
5	Practical -I	BTH 205P	Enzymology, metabolism and Molecular Biology	6	4	--	--	100
6	Practical - II	BTH 206P	Immunology, Biostatistics and Bioinformatics	6	4	--	--	100
	Total			36	24	120	480	600
7	Audit course	BTH 207	Human Values& Professional ethics	0		0	100	0

Semester - III

S. No	Components of the Study	Title of the course	Title of thepaper	Credit Hrs/ Week	No. of credit	IA Marks	Sem End Exam Marks	Total
1	Core	BTH 301	Genetic Engineering	6	4	20	80	100
2	Core	BTH 302	Food and Industrial Biotechnology	6	4	20	80	100
3	Generic Elective	BTH 303a	Bioprocess Engineering and Technology	6	4	20	80	100
		BTH 303b	Legal, Ethical and Implications of Biotechnology					
		BTH 303c	Emerging technologies in Biotechnology					
4	Practicals	BTH 304 P	Genetic Engineering, Food and Industrial Biotechnology	6	4	--	--	100
5	Skill Oriented Course	BTH 305	Plant Tissue Culture	6	4	10	90 (40+50)	100
6	Open Elective	BTH 306a	Bioethics	6	4	20	80	100
		BTH 306b	Bioinformatics					
	Total			36	24	120	400	600

Semester – IV

S. No	Components of the Study	Title of the course	Title of the paper	Credit Hrs/ Week	No. of credits	IA Marks	Sem End ExamMarks	Total
1	Core	BTH 401	Environmental Biotechnology	6	4	20	80	100
2	Core	BTH 402	Plant Biotechnology	6	4	20	80	100
3	Generic Elective	BTH 403a	Animal Biotechnology					
		BTH 403b	Applications of Biotechnology					

		BTH 403c	Pharmaceutical Biotechnology	6	4	20	80	100
4	Practicals	BTH 404P	Environmental Biotechnology, Plant Biotechnology	6	4	--	--	100
5	Multi-Disciplinary Course/ Project Work	BTH405	MOOCS/Project	6	4	--	--	100
6	Open Elective	BTH 406a	Applications of Biotechnology	6	4	20	80	100
		BTH 406b	Tools in Biotechnology					
	Total			36	24	120	400	600

Semester – I

Course Code	Course Title	No of Hours Per week	No of Credits
BTH 101	**Structure and functions of Biomolecules**	04	4
Sessional Marks: 20		End Semester Examination Marks: 80	

Course Objectives:

1. To explore the knowledge and awareness of the basic principles and concepts of Biomolecules.
2. To acquaint the classification of carbohydrates, proteins, lipids and nucleic acids
3. To know the characteristic features of biomolecules
4. To understand the structure and functions of biomolecules

UNIT-I

Chemistry of carbohydrates - Definition and classification of carbohydrates. Outlines of structures and properties of important mono- (Glucose & Fructose), di- (Lactose, Sucrose, Maltose) and polysaccharides (Starch, Glycogen, Cellulose, Chitin). Physical and Chemical reactions of carbohydrates. Analysis of carbohydrates- Qualitative and Quantitative.

UNIT-II

Chemistry of amino acids and proteins - Classification of amino acids, Structures of amino acids, Chemical reactions of amino acids. Peptide bond - Nature of peptide bond, pi/φ rotation. Ramachandran plot, Secondary structure predictions, helices and beta-sheets, Determination of primary structure. Proteins and their classification, properties of proteins, determination of amino acid sequences (N and C terminus) Tertiary/quaternary structure of proteins (myoglobin/ hemoglobin model). Structural organization of proteins - Outline structures and biological functions. Protein folding and significance.

UNIT-III

Chemistry of lipids - Classification of lipids, Properties of lipids, Outline structures of saturated and unsaturated fatty acids, fats and waxes, phospholipids, glycolipids, cholesterol, prostaglandins, leukotrienes. Lipids as signaling molecules. Structure and functions of, heterocyclic molecules, porphyrins and vitamins.

UNIT-IV

17-18
18-19
21-22

20-21

Minutes of the BOS Meeting

With reference to the letter No. C-11 (A, B & F)/PG-Revise Syllabi/NEP-2021 dated 03.08.2021 & 01.10.2021, we conducted BOS meeting on 28.12.2021 in the chamber of the Head, Department of Chemistry at 11.00 AM. The following recommendations are concluded.

1. It is resolved Human values & professional Ethics - I in I st Semester and Human values & professional Ethics - II in II Semester ~~are~~ should treat as Audit courses with 100 marks internal, with zero credits.
2. It is resolved to introduce Skill oriented course in III semester and project work in IV semester as per rules NEP 2020.
3. It is resolved to keep 24 credits per semester with a total of 96 credits for the entire chemistry PG program.

Hence, we recommend the authorities to consider the above resolutions favourably and approve the same so as to implement from the academic year 2021-2022.

prof. N. Y. Sreedhar N.Y. Sreedhar
(Chairman)

prof. V. PADMAVATHI. Padmavathi

prof. C Suresh Reddy C. Suresh Reddy

Prof. G.V. Subba Reddy

prof. M. Pandurangappa. M. Pandurangappa

28/12/2021

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
DEPARTMENT OF CHEMISTRY

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022

Programme Code	Semester	Course code of Paper Revised	
208	Semester - I	CHE-104A; CHE-104B; CHE 106 B	Analytical Chemistry
210		CHE-104A; CHE-104B; CHE 106 B	Inorganic chemistry
222		CHE-104A; CHE-104B; CHE 106 B	Environmental Chemistry
218		CHE-104A; CHE-104B; CHE 106 B	Organic chemistry
216		CHE-104A; CHE-104B; CHE 106 B	Physical Chemistry
208	Semester - II	CHE-203B; CHE-204 A; CHE 206 B	Analytical Chemistry
210			
222		CHE-203B; CHE-204A; CHE 206 B	Inorganic chemistry
218		CHE-203B; CHE 204 A; CHE 206 B	Environmental Chemistry
216		CHE-203 B; CHE-204 A; CHE 206 B	Organic chemistry
		CHE-203 B; CHE-204 A; CHE 206 B	Physical Chemistry
208	Semester - III	CHE -AC - 305A	Analytical Chemistry
210		CHE-IC-305A	Inorganic chemistry
222		CHE-EC-304; CHE-EC-305 A	Environmental Chemistry
218		CHE-OC-305A	Organic chemistry
216		CHE-PC-305A	Physical Chemistry
216	Semester - IV	CHE-PC-403	Physical Chemistry

BOS Chairman HOD Member Member

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF SCIENCES

DEPARTMENT OF CHEMISTRY
ANALYTICAL CHEMISTRY

Syllabus for M.Sc. CHEMISTRY
Choice Based Credit System (CBCS)
Amended as per NEP-2020
(w.e.f. the Academic Year 2021-2022)

SRIVENKATESWARAUNIVERSITY::TIRUPATI

DEPARTMENTOF CHEMISTRY

ANALYTICAL CHEMISTRY

TWO YEAR M.Sc. COURSE IN CHEMISTRY

(2021-2022) SCHEME

Semester -I

Sl. No.	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-101	Core-Theory	Inorganic Chemistry- I	6	4	20	80	100
2	CHE-102	Core-Theory	Organic Chemistry I	6	4	20	80	100
3	CHE-103	* Compulsory Foundation	a)Physical Chemistry- I b)Chemistry of Nano materials	6	4	20	80	100
4	CHE-104	* Elective Foundation	a)General Chemistry- I b)Green Chemistry	6	4	20	80	100
5	CHE-105	Practicals (Core & Comp.)	a)Inorganic Practical-I b) Physical Chemistry-I	3 3	2 2	- -	- -	50 50
6	CHE-106	Practicals (Core & Elective)	a) OrganicChemistry- I b)General Chemistry-I	3 3	2 2	- -	- -	50 50
7	CHE-107	Audit Course	Values and Professional Ethics – I	0	0	100	-	
		Total		**36**	**24**			**600**

***Among the Compulsory and Elective Foundation a student shall choose anyone.**

SEMESTER-II

Sl. No.	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-201	Core-Theory	Inorganic Chemistry- II	6	4	20	80	100
2	CHE-202	Core-Theory	Organic Chemistry -II	6	4	20	80	100
3	CHE-203	* Compulsory Foundation	(a)Physical Chemistry- II (b) Advanced Thermodynamics and Biophysical chemistry	6	4	20	80	100
4	CHE-204	* Elective Foundation	a)General Chemistry- II b)Chemistry of contemporary society	6	4	20	80	100
5	CHE-205	Practicals (Core & Comp.)	a)Inorganic Practical-II b) Physical Chemistry-II	3 3	2 2	- -	- -	50 50
6	CHE-206	Practicals (Core & Elective)	a)OrganicChemistry- II b)General Chemistry-II	3 3	2 2	- -	- -	50 50
7	CHE-207	Audit Course	Human Values and Professional Ethics – I	0	0	100	-	
		Total		**36**	**24**			**600**

***Among the Compulsory and Elective Foundation a student shall choose anyone.**

M Sc., (ANALYTICAL CHEMISTRY)

SEMESTER-III

Sl. No	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-AC-301	Core-Theory	Inorganic Spectroscopy & Thermal Methods of Analysis	6	4	20	80	100
2	CHE-AC - 302	Core-Theory	Organic Spectroscopy	6	4	20	80	100
3	CHE-AC-303	*Generic Elective	(a) Organic Chemistry III (b) Physical Chemistry III	6	4	20	80	100
4	CHE-AC-304	Core& Gen. Practical	Classical Methods of Analysis	6	4	-	-	100
5	CHE –AC-305 A	Skill Oriented Course (theory)	Chemotherapy and drug analysis	3	2	10	40	50
	CHE –AC-305 B	Skill Oriented Course (Practicals)	Instrumental methods of analysis	3	2	-	-	50
6	CHE- 306	Open Elective **(For other departments)**	(a) Spectral Techniques (b) Chromatographic Techniques	6	4	20	80	100
		Total		**36**	**24**			**600**

***Among the Generic Elective a student shall choose any one.**

SEMESTER-IV

Sl. No	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-AC-401	Core-Theory	Quality control and General principles	6	4	20	80	100
2	CHE-AC-402	Core-Theory	Instrumental Methods of Analysis	6	4	20	80	100
3	CHE-AC-403	Generic Elective* **(Related to subject)**	(a) Aapplied and Environmental aspects (b)Bioinorganic, Bioorganic & Biophysical Chemistry	6	4	20	80	100
4	CHE-AC-404	Core& Gen. Practical	Instrumental Methods of Analysis	6	4	-	-	100
5	CHE-AC-405	Core-Practicals/ Project work	Project work	6	4	-	-	100
6	CHE-406	Open Elective **(For other departments)**	(a)Drug Chemistry or (b) Electroanalytical Techniques	6	4	20	80	100
		Total		**36**	**24**			**600**

***Among the Generic Elective a student shall choose any one.**

17-18
18-19
21-22

20-21

Minutes of the BOS Meeting

With reference to the letter No. C-11 (A, B & F)/PG-Revise Syllabi/NEP-2021 dated 03.08.2021 & 01.10.2021, we conducted BOS meeting on 28.12.2021 in the chamber of the Head, Department of Chemistry at 11.00 AM. The following recommendations are concluded.

1. It is resolved Human values & professional Ethics - I in I st Semester and Human values & professional Ethics - II in II Semester ~~are~~ should treat as Audit courses with 100 marks internal, with zero credits.
2. It is resolved to introduce Skill oriented course in III semester and project work in IV semester as per rules NEP 2020.
3. It is resolved to keep 24 credits per semester with a total of 96 credits for the entire chemistry PG program.

Hence, we recommend the authorities to consider the above resolutions favourably and approve the same so as to implement from the academic year 2021-2022.

prof. N. Y. Sreedhar N.Y. Sreedhar
(Chairman)

prof. V. PADMAVATHI. Padmavathi

prof. C Suresh Reddy C. Suresh Reddy

Prof. G.V. Subba Reddy

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28/12/2021

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
DEPARTMENT OF CHEMISTRY

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022

Programme Code	Semester	Course code of Paper Revised	
208	Semester - I	CHE-104A; CHE-104B; CHE 106 B	Analytical Chemistry
210		CHE-104A; CHE-104B; CHE 106 B	Inorganic chemistry
222		CHE-104A; CHE-104B; CHE 106 B	Environmental Chemistry
218		CHE-104A; CHE-104B; CHE 106 B	Organic chemistry
216		CHE-104A; CHE-104B; CHE 106 B	Physical Chemistry
208	Semester - II	CHE-203B; CHE-204 A; CHE 206 B	Analytical Chemistry
210			
222		CHE-203B; CHE-204A; CHE 206 B	Inorganic chemistry
218		CHE-203B; CHE 204 A; CHE 206 B	Environmental Chemistry
216		CHE-203 B; CHE-204 A; CHE 206 B	Organic chemistry
		CHE-203 B; CHE-204 A; CHE 206 B	Physical Chemistry
208	Semester - III	CHE -AC - 305A	Analytical Chemistry
210		CHE-IC-305A	Inorganic chemistry
222		CHE-EC-304; CHE-EC-305 A	Environmental Chemistry
218		CHE-OC-305A	Organic chemistry
216		CHE-PC-305A	Physical Chemistry
216	Semester - IV	CHE-PC-403	Physical Chemistry

BOS Chairman HOD Member Member

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF SCIENCES

DEPARTMENT OF CHEMISTRY
ENVIRONMENTAL CHEMISTRY

Syllabus for M.Sc. CHEMISTRY

Choice Based Credit System (CBCS)

Amended as per NEP-2020

(w.e.f. the Academic Year 2021-2022)

SRIVENKATESWARAUNIVERSITY::TIRUPATI

DEPARTMENTOF CHEMISTRY

ENVIRONMENTAL CHEMISTRY

TWO YEAR M.Sc. COURSE IN CHEMISTRY

(2021-2022)SCHEME

Semester -I

Sl. No.	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-101	Core-Theory	Inorganic Chemistry- I	6	4	20	80	100
2	CHE-102	Core-Theory	Organic Chemistry I	6	4	20	80	100
3	CHE-103	* Compulsory Foundation	a)Physical Chemistry- I b)Chemistry of Nano materials	6	4	20	80	100
4	CHE-104	* Elective Foundation	a)General Chemistry- I b)Green Chemistry	6	4	20	80	100
5	CHE-105	Practicals (Core & Comp.)	a)Inorganic Practical-I b) Physical Chemistry-I	3 3	2 2	- -	- -	50 50
6	CHE-106	Practicals (Core & Elective)	a) OrganicChemistry- I b)General Chemistry-I	3 3	2 2	- -	- -	50 50
7	CHE-107	Audit Course	Values and Professional Ethics – I	0	0	100	-	
		Total		**36**	**24**			**600**

***Among the Compulsory and Elective Foundation a student shall choose anyone.**

SEMESTER-II

Sl. No.	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-201	Core-Theory	Inorganic Chemistry- II	6	4	20	80	100
2	CHE-202	Core-Theory	Organic Chemistry -II	6	4	20	80	100
3	CHE-203	* Compulsory Foundation	(a)Physical Chemistry- II (b) Advanced Thermodynamics and Biophysical chemistry	6	4	20	80	100
4	CHE-204	* Elective Foundation	a)General Chemistry- II b)Chemistry of contemporary society	6	4	20	80	100
5	CHE-205	Practicals (Core & Comp.)	a)Inorganic Practical-II b) Physical Chemistry-II	3 3	2 2	- -	- -	50 50
6	CHE-206	Practicals (Core & Elective)	a)OrganicChemistry- II b)General Chemistry-II	3 3	2 2	- -	- -	50 50
7	CHE-207	Audit Course	Human Values and Professional Ethics – I	0	0	100	-	
		Total		**36**	**24**			**600**

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M.Sc. (ENVIRONMENTAL CHEMISTRY)

SEMESTER-III

Sl. No	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-EC-301	Core-Theory	Inorganic Spectroscopy & Thermal Methods of Analysis	6	4	20	80	100
2	CHE-EC -302	Core-Theory	Organic Spectroscopy	6	4	20	80	100
3	CHE-EC-303	*Generic Elective	(a) Organic Chemistry III (b) Physical Chemistry III	6	4	20	80	100
4	CHE-EC-304	Core& Gen. Practicals	Water & Soil Analysis	6	4	-	-	100
5	CHE –EC-305 A	Skill Oriented Course (theory)	Chemotherapy and drug analysis	3	2	10	40	50
	CHE –EC-305 B	Skill Oriented Course (Practicals)	Instrumental methods of analysis	3	2	-	-	50
6	CHE- 306	Open Elective **(For other departments)**	(a) Spectral Techniques (b) Chromatographic Techniques	6	4	20	80	100
		Total		**36**	**24**			**600**

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SEMESTER-IV

Sl. No	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-EC-401	Core-Theory	Energy Environment and Soils	6	4	20	80	100
2	CHE-EC-402	Core-Theory	Water Pollution monitoring and Environment Laws	6	4	20	80	100
3	CHE-EC-403	Generic Elective* **(Related to subject)**	(a) Air Pollution, Control Methods-Noise and Thermal pollution (b) Bioinorganic, Bioorganic & Biophysical Chemistry	6	4	20	80	100
4	CHE-EC-404	Core& Gen. Practical	Instrumental Methods of analysis – II	6	4	-	-	100
5	CHE-EC-405	Core-Practicals/ Project work	Project work	6	4	-	-	100
6	CHE-406	Open Elective **(For other departments)**	(a)Drug Chemistry or (b) Electroanalytical Techniques	6	4	20	80	100
		Total		**36**	**24**			**600**

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28/12/2021

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
DEPARTMENT OF CHEMISTRY

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022

Programme Code	Semester	Course code of Paper Revised	
208	Semester - I	CHE-104A; CHE-104B; CHE 106 B	Analytical Chemistry
210		CHE-104A; CHE-104B; CHE 106 B	Inorganic chemistry
222		CHE-104A; CHE-104B; CHE 106 B	Environmental Chemistry
218		CHE-104A; CHE-104B; CHE 106 B	Organic chemistry
216		CHE-104A; CHE-104B; CHE 106 B	Physical Chemistry
208	Semester - II	CHE-203B; CHE-204 A; CHE 206 B	Analytical Chemistry
210			
222		CHE-203B; CHE-204A; CHE 206 B	Inorganic chemistry
218		CHE-203B; CHE 204 A; CHE 206 B	Environmental Chemistry
216		CHE-203 B; CHE-204 A; CHE 206 B	Organic chemistry
		CHE-203 B; CHE-204 A; CHE 206 B	Physical Chemistry
208	Semester - III	CHE -AC - 305A	Analytical Chemistry
210		CHE-IC-305A	Inorganic chemistry
222		CHE-EC-304; CHE-EC-305 A	Environmental Chemistry
218		CHE-OC-305A	Organic chemistry
216		CHE-PC-305A	Physical Chemistry
216	Semester - IV	CHE-PC-403	Physical Chemistry

BOS Chairman HOD Member Member

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF SCIENCES

DEPARTMENT OF CHEMISTRY
INORGANIC CHEMISTRY

Syllabus for M.Sc. CHEMISTRY

Choice Based Credit System (CBCS)

Amended as per NEP-2020

(w.e.f. the Academic Year 2021-2022)

SRIVENKATESWARAUNIVERSITY::TIRUPATI

DEPARTMENTOF CHEMISTRY

INORGANIC CHEMISTRY

TWO YEAR M.Sc. COURSE IN CHEMISTRY

(2021-2022)SCHEME

Semester -I

Sl. No.	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-101	Core-Theory	Inorganic Chemistry- I	6	4	20	80	100
2	CHE-102	Core-Theory	Organic Chemistry I	6	4	20	80	100
3	CHE-103	* Compulsory Foundation	a)Physical Chemistry- I b)Chemistry of Nano materials	6	4	20	80	100
4	CHE-104	* Elective Foundation	a)General Chemistry- I b)Green Chemistry	6	4	20	80	100
5	CHE-105	Practicals (Core & Comp.)	a)Inorganic Practical-I b) Physical Chemistry-I	3 3	2 2	- -	- -	50 50
6	CHE-106	Practicals (Core & Elective)	a) OrganicChemistry- I b)General Chemistry-I	3 3	2 2	- -	- -	50 50
7	CHE-107	Audit Course	Values and Professional Ethics – I	0	0	100	-	
		Total		**36**	**24**			**600**

***Among the Compulsory and Elective Foundation a student shall choose anyone.**

SEMESTER-II

Sl. No.	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-201	Core-Theory	Inorganic Chemistry- II	6	4	20	80	100
2	CHE-202	Core-Theory	Organic Chemistry -II	6	4	20	80	100
3	CHE-203	* Compulsory Foundation	(a)Physical Chemistry- II (b) Advanced Thermodynamics and Biophysical chemistry	6	4	20	80	100
4	CHE-204	* Elective Foundation	a)General Chemistry- II b)Chemistry of contemporary society	6	4	20	80	100
5	CHE-205	Practicals (Core & Comp.)	a)Inorganic Practical-II b) Physical Chemistry-II	3 3	2 2	- -	- -	50 50
6	CHE-206	Practicals (Core & Elective)	a)OrganicChemistry- II b)General Chemistry-II	3 3	2 2	- -	- -	50 50
7	CHE-207	Audit Course	Human Values and Professional Ethics – I	0	0	100	-	
		Total		**36**	**24**			**600**

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M.Sc. (INORGANIC CHEMISTRY)

SEMESTER-III

Sl. No	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-IC-301	Core-Theory	Inorganic Spectroscopy & Thermal Methods of Analysis	6	4	20	80	100
2	CHE-IC -302	Core-Theory	Organic Spectroscopy	6	4	20	80	100
3	CHE-IC-303	*Generic Elective	(a) Organic Chemistry III (b) Physical Chemistry III	6	4	20	80	100
4	CHE-IC-304	Core& Gen. Practical	Preparation of Inorganic complexes and characterization	6	4	-	-	100
5	CHE –IC-305 A	Skill Oriented Course (theory)	Chemotherapy and drug analysis	3	2	10	40	50
	CHE –IC-305 B	Skill Oriented Course (Practicals)	Instrumental methods of analysis	3	2	-	-	50
6	CHE- 306	Open Elective **(For other Departments)**	(a) Spectral Techniques (b) Chromatographic Techniques	6	4	20	80	100
		Total		**36**	**24**			**600**

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SEMESTER-IV

Sl. No	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-IC-401	Core-Theory	Co-ordination compounds, Organometallic chemistry of non-transition elements	6	4	20	80	100
2	CHE-IC-402	Core-Theory	Instrumental Methods of Analysis	6	4	20	80	100
3	CHE-IC-403	Generic Elective* **(Related to subject)**	(a) Instrumental Methods of analysis (b) Bioinorganic, Bioorganic & Biophysical Chemistry	6	4	20	80	100
4	CHE-IC-404	Core& Gen. Practical	Instrumental methods of Analysis -II	6	4	-	-	100
5	CHE-IC-405	Core-Practicals/ Project work	Project work	6	4	-	-	100
6	CHE-406	Open Elective **(For other departments)**	(a)Drug Chemistry or (b) Electroanalytical Techniques	6	4	20	80	100
		Total		**36**	**28**			**600**

***Among the Generic Elective a student shall choose any one.**

17-18
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28/12/2021

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DEPARTMENT OF CHEMISTRY

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022

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208	Semester - I	CHE-104A; CHE-104B; CHE 106 B	Analytical Chemistry
210		CHE-104A; CHE-104B; CHE 106 B	Inorganic chemistry
222		CHE-104A; CHE-104B; CHE 106 B	Environmental Chemistry
218		CHE-104A; CHE-104B; CHE 106 B	Organic chemistry
216		CHE-104A; CHE-104B; CHE 106 B	Physical Chemistry
208	Semester - II	CHE-203B; CHE-204 A; CHE 206 B	Analytical Chemistry
210			
222		CHE-203B; CHE-204A; CHE 206 B	Inorganic chemistry
218		CHE-203B; CHE 204 A; CHE 206 B	Environmental Chemistry
216		CHE-203 B; CHE-204 A; CHE 206 B	Organic chemistry
		CHE-203 B; CHE-204 A; CHE 206 B	Physical Chemistry
208	Semester - III	CHE -AC - 305A	Analytical Chemistry
210		CHE-IC-305A	Inorganic chemistry
222		CHE-EC-304; CHE-EC-305 A	Environmental Chemistry
218		CHE-OC-305A	Organic chemistry
216		CHE-PC-305A	Physical Chemistry
216	Semester - IV	CHE-PC-403	Physical Chemistry

BOS Chairman HOD Member Member

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF SCIENCES

DEPARTMENT OF CHEMISTRY
ORGANIC CHEMISTRY

Syllabus for M.Sc. CHEMISTRY

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Amended as per NEP-2020

(w.e.f. the Academic Year 2021-2022)

SRIVENKATESWARAUNIVERSITY::TIRUPATI

DEPARTMENTOF CHEMISTRY

ORGANIC CHEMISTRY

TWO YEAR M.Sc. COURSE IN CHEMISTRY

(2021-2022)SCHEME

Semester -I

Sl. No.	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-101	Core-Theory	Inorganic Chemistry- I	6	4	20	80	100
2	CHE-102	Core-Theory	Organic Chemistry I	6	4	20	80	100
3	CHE-103	* Compulsory Foundation	a)Physical Chemistry- I b)Chemistry of Nano materials	6	4	20	80	100
4	CHE-104	* Elective Foundation	a)General Chemistry- I b)Green Chemistry	6	4	20	80	100
5	CHE-105	Practicals (Core & Comp.)	a)Inorganic Practical-I b) Physical Chemistry-I	3 3	2 2	- -	- -	50 50
6	CHE-106	Practicals (Core & Elective)	a) OrganicChemistry- I b)General Chemistry-I	3 3	2 2	- -	- -	50 50
7	CHE-107	Audit Course	Values and Professional Ethics – I	0	0	100	-	
		Total		**36**	**24**			**600**

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SEMESTER-II

Sl. No.	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-201	Core-Theory	Inorganic Chemistry- II	6	4	20	80	100
2	CHE-202	Core-Theory	Organic Chemistry -II	6	4	20	80	100
3	CHE-203	* Compulsory Foundation	(a)Physical Chemistry- II (b) Advanced Thermodynamics and Biophysical chemistry	6	4	20	80	100
4	CHE-204	* Elective Foundation	a)General Chemistry- II b)Chemistry of contemporary society	6	4	20	80	100
5	CHE-205	Practicals (Core & Comp.)	a)Inorganic Practical-II b) Physical Chemistry-II	3 3	2 2	- -	- -	50 50
6	CHE-206	Practicals (Core & Elective)	a)OrganicChemistry- II b)General Chemistry-II	3 3	2 2	- -	- -	50 50
7	CHE-207	Audit Course	Human Values and Professional Ethics – I	0	0	100	-	
		Total		**36**	**24**			**600**

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M.Sc. (ORGANIC CHEMISTRY)

SEMESTER-III

Sl. No	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-OC-301	Core-Theory	Organic Chemistry-III	6	4	20	80	100
2	CHE-OC - 302	Core-Theory	Organic Spectroscopy	6	4	20	80	100
3	CHE-OC-303	*Generic Elective	(a) Inorganic Spectroscopy & Thermal Methods of analysis (b) Physical Chemistry III	6	4	20	80	100
4	CHE-OC-304	Core& Gen. Practical	Organic Estimations	6	4	-	-	100
5	CHE –OC-305 A	Skill Oriented Course (theory)	Chemotherapy and drug analysis	3	2	10	40	50
	CHE –OC-305 B	Skill Oriented Course (Practicals)	Multistep preparations	3	2	-	-	50
6	CHE- 306	Open Elective **(For other departments)**	(a) Spectral Techniques (b) Chromatographic Techniques	6	4	20	80	100
		Total		**36**	**24**			**600**

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SEMESTER-IV

Sl. No	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-OC-401	Core-Theory	Organic Synthesis - I	6	4	20	80	100
2	CHE-OC-402	Core-Theory	Organic Synthesis - II	6	4	20	80	100
3	CHE-OC-403	Generic Elective* **(Related to subject)**	(a) Heterocycles and natural Products (b) Bioinorganic, Bioorganic & Biophysical Chemistry	6	4	20	80	100
4	CHE-OC-404	Core& Gen. Practical	Spectral Identification	6	4	-	-	100
5	CHE-OC-405	Core-Practicals/ Project work	Project work	6	4	-	-	100
6	CHE-406	Open Elective **(For other departments)**	(a)Drug Chemistry or (b) Electroanalytical Techniques	6	4	20	80	100
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DEPARTMENT OF CHEMISTRY

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208	Semester - II	CHE-203B; CHE-204 A; CHE 206 B	Analytical Chemistry
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222		CHE-203B; CHE-204A; CHE 206 B	Inorganic chemistry
218		CHE-203B; CHE 204 A; CHE 206 B	Environmental Chemistry
216		CHE-203 B; CHE-204 A; CHE 206 B	Organic chemistry
		CHE-203 B; CHE-204 A; CHE 206 B	Physical Chemistry
208	Semester - III	CHE -AC - 305A	Analytical Chemistry
210		CHE-IC-305A	Inorganic chemistry
222		CHE-EC-304; CHE-EC-305 A	Environmental Chemistry
218		CHE-OC-305A	Organic chemistry
216		CHE-PC-305A	Physical Chemistry
216	Semester - IV	CHE-PC-403	Physical Chemistry

BOS Chairman HOD Member Member

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF SCIENCES

DEPARTMENT OF CHEMISTRY
PHYSICAL CHEMISTRY

Syllabus for M.Sc. CHEMISTRY

Choice Based Credit System (CBCS)

Amended as per NEP-2020

(w.e.f. the Academic Year 2021-2022)

SRIVENKATESWARAUNIVERSITY::TIRUPATI

DEPARTMENTOF CHEMISTRY

PHYSICAL CHEMISTRY

TWO YEAR M.Sc. COURSE IN CHEMISTRY

(2021-2022)SCHEME

Semester -I

Sl. No.	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-101	Core-Theory	Inorganic Chemistry- I	6	4	20	80	100
2	CHE-102	Core-Theory	Organic Chemistry I	6	4	20	80	100
3	CHE-103	* Compulsory Foundation	a)Physical Chemistry- I b)Chemistry of Nano materials	6	4	20	80	100
4	CHE-104	* Elective Foundation	a)General Chemistry- I b)Green Chemistry	6	4	20	80	100
5	CHE-105	Practicals (Core & Comp.)	a)Inorganic Practical-I b) Physical Chemistry-I	3 3	2 2	- -	- -	50 50
6	CHE-106	Practicals (Core & Elective)	a) OrganicChemistry- I b)General Chemistry-I	3 3	2 2	- -	- -	50 50
7	CHE-107	Audit Course	Values and Professional Ethics – I	0	0	100	-	
		Total		**36**	**24**			**600**

***Among the Compulsory and Elective Foundation a student shall choose anyone.**

SEMESTER-II

Sl. No.	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-201	Core-Theory	Inorganic Chemistry- II	6	4	20	80	100
2	CHE-202	Core-Theory	Organic Chemistry -II	6	4	20	80	100
3	CHE-203	* Compulsory Foundation	(a)Physical Chemistry- II (b) Advanced Thermodynamics and Biophysical chemistry	6	4	20	80	100
4	CHE-204	* Elective Foundation	a)General Chemistry- II b)Chemistry of contemporary society	6	4	20	80	100
5	CHE-205	Practicals (Core & Comp.)	a)Inorganic Practical-II b) Physical Chemistry-II	3 3	2 2	- -	- -	50 50
6	CHE-206	Practicals (Core & Elective)	a)OrganicChemistry- II b)General Chemistry-II	3 3	2 2	- -	- -	50 50
7	CHE-207	Audit Course	Human Values and Professional Ethics – I	0	0	100	-	
		Total		**36**	**24**			**600**

***Among the Compulsory and Elective Foundation a student shall choose anyone.**

M.Sc. (PHYSICAL CHEMISTRY)

SEMESTER-III

Sl. No	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-PC-301	Core-Theory	Physical Chemistry-III	6	4	20	80	100
2	CHE-PC -302	Core-Theory	Organic Spectroscopy	6	4	20	80	100
3	CHE-PC-303	*Generic Elective	(a) Organic Chemistry III (b) Inorganic Spectroscopy & Thermal Methods of analysis	6	4	20	80	100
4	CHE-PC-304	Core& Gen. Practical	Chemical kinetics	6	4	-	-	100
5	CHE –PC-305 A	Skill Oriented Course (theory)	Chemotherapy and drug analysis	3	2	10	40	50
	CHE –PC-305 B	Skill Oriented Course (Practicals)	Conductometry Colorimetry	3	2	-	-	50
6	CHE- 306	Open Elective **(For other departments)**	(a) Spectral Techniques (b) Chromatographic Techniques	6	4	20	80	100
		Total		**36**	**24**			**600**

***Among the Generic Elective a student shall choose any one.**

SEMESTER-IV

Sl. No	Course Code	Components of Study	Title of the Course	Credit Hrs/ Week	No. of Credits	IA Marks	SEM End Exam Marks	Total
1	CHE-PC-401	Core-Theory	Electro Chemistry	6	4	20	80	100
2	CHE-PC-402	Core-Theory	Thermodynamic, Polymers and Solid state chemistry	6	4	20	80	100
3	CHE-PC-403	Generic Elective* **(Related to subject)**	(a) Chemical Kinetics (b) Bioinorganic, Bioorganic & Biophysical Chemistry	6	4	20	80	100
4	CHE-PC-404	Core& Gen. Practical	Instrumental Methods of Analysis	6	4	-	-	100
5	CHE-PC-405	Core-Practicals/ Project work	Project work	6	4	-	-	100
6	CHE-406	Open Elective **(For other departments)**	(a)Drug Chemistry or (b) Electroanalytical Techniques	6	4	20	80	100
		Total		**36**	**24**			**600**

***Among the Generic Elective a student shall choose any one.**

SRI VENKATESWARA UNIVRSITY:: TIRUPATI
DEPATMENT OF ENVIRONMENTAL SCIENCE

1.1.2. Minutes of the Board of Studies Meeting.

Venue: HOD Chamber **Date: 18-03-2021** **Time: 11.30 AM**

Members present:

S.No	Name of the Faculty Member	Designation
1.	Prof. C. Suresh Reddy	BOS Chairman
2.	Prof. T. Damodharam	HODEnvironmental Science

Agenda: Syllabus restructured as per the NEP-2020for the M. Sc., Environmental Science programmefrom the Academic Year 2021-22.

Resolutions:

1. Elective Foundation papers **Env-106** Human values and Professional Ethics-I and **Env-206**Human Values and Professional Ethics-IIhave been removed form semester-I and semester –II, in place of these papers Biodiversity Conservation and Management placed in I-semester and Environmental Laws, Policies and Legislationis placed in II-semester.
2. In replacing the **Env-304** Practical-II, **Basics of Statistical Methods and Computer Programmes** is introduced in III semester as skill development programme. Further, replacing Generic Elective **Env-305 (B)** Biodiversity Conservation and Management, **Occupational Health and Safety** is introduced as Generic Elective in III semester.
3. In replacing Generic Elective **Env-405** (B) Environmental Laws, Policies and Legislation, **Environmental Safety** (Generic Elective) is introduced in IV semester as Multidisciplinarycourse.
4. The BOS members discussed the contents of the curriculum and unanimously resolved to approve and recommended for the Academic Year 2021-22.

Course Code	Course Title
(Elective Foundatio) Env-106	Biodiversity Conservation and Management
(Elective Foundatio) Env-206	Environmental Laws, Policies and Legislation
(Skill Development) Env- 304	Basics of Statistical Methods and Computer Programmes
(Generic Elective) Env-305 (B)	Occupational Health and Safety
(Generic Elective - Multidisciplinary) Env-405 (B)	Environmental Safety

Signatures:

S.No	Name of the Faculty Member	Signature
1.	Prof. C. Suresh Reddy	C. Suresh
2.	Prof. T. Damodharam	T. Damodharam

SRI VENKATESWARA UNIVRSITY:: TIRUPATI
DEPATMENT OF ENVIRONMENTAL SCIENCE

1.1.2. Minutes of the Board of Studies Meeting.

Venue: HOD Chamber **Date: 26-09-2022** **Time: 11.30 AM**

Members present:

S.No	Name of the Faculty Member	Designation
1.	Prof. T. Damodharam	HEAD and BOS Chairman, Environmental Science
2.	Prof. M. Sreenivasulu Reddy	Member, Principal, SVU College of Sciences
3.	Prof. N. Savithramma	Member, Dept. of Botany

Agenda: Syllabus restructured as per the **NEP-2020** for the M. Sc., Environmental Science, programmefrom the Academic Year 2021-22.

Resolutions:

1. Elective Foundation papers **Env-106** Human values and Professional Ethics-I and **Env-206** Human Values and Professional Ethics-II have been removed from semester-I and semester –II, in place of these papers Biodiversity Conservation and Management placed in I-semester and Environmental Laws, Policies and Legislation is placed in II-semester.

2. In replacing the **Env-304** Practical-II, Basics of Statistical Methods and Computer Programmes is introduced in III semester as skill development programme and **Env-404** Project work as multidisciplinary course in IV semester. Further, replacing Generic Elective **Env-305 (B)** Biodiversity Conservation and Management, Occupational Health and Safety is introduced as Generic Elective in III semester.

3. In replacing Generic Elective **Env-405** (B) Environmental Laws, Policies and Legislation, **Environmental Safety** (Generic Elective) is introduced in IV semester.

4. The BOS members discussed the contents of the curriculum and unanimously resolved to approve and recommended for the Academic Year 2021-22.

Course Code	Course Title
(Elective Foundation) Env-106	Biodiversity Conservation and Management
(Elective Foundation) Env-206	Environmental Laws, Policies and Legislation
(Skill Development) Env- 304	Basics of Statistical Methods and Computer Programmes
(Generic Elective) Env-305 (B)	Occupational Health and Safety
(Generic Elective -) Env-405 (B)	Environmental Safety

Signatures:

S.No	Name of the Faculty Member	Signature
1.	Prof. T. Damodharam	
2.	Prof. M. Sreenivasulu Reddy	
3.	Prof. N. Savithramma	

Chairman BOS
Board of Studies
Department of Environmental Science
S.V. University, Tirupati-517 502

Dr. T. DAMODHARAM
M.Sc, B.Ed., M.Phil., Ph.D
Professor & Head
Dept. of Environmental Science
Sri Venkateswara University
TIRUPATI-517502, A.P. India.

S.V. UNIVERSITY, TIRUPATI

DEPARTMENT OF ENVIRONMENTAL SCIENCES

COURSE STRUCTURE

SYLLABUS

Choice Based Credit System (CBCS)

2021-2022

SVU COLLEGE OF SCIENCES

CHOICE BASED CREDIT SYSTEM (CBCS) (AS PER NEW UGC REGULATIONS)

The course of Study and Scheme of Examinations (With Effect from 2021-22)

M.SC. ENVIRONMENTAL SCIENCES

SEMESTER - I

S. No	Course Code	Components of Study	Title of the Paper	Contact hours	No. of Credits	I A Marks	End SEM Exam Marks	Total
1	ENV 101	Core- Theory	Ecology and Environment	6	4	20	80	100
2	ENV 102	Core- Theory	Environmental Chemistry	6	4	20	80	100
3	ENV 103	Core- Practical I	Practical – I	6	4	-	-	100
4	ENV 104	Core- Practical II	Practical – II	6	4	-	-	100
5	ENV 105	Compulsory Foundation **(Related to Subject)**	Environmental Toxicology and Public Health	6	4	20	80	100
6	ENV 106	Elective Foundation	Biodiversity and Conservation and Management	6	4	20	80	100
		Total		**36**	**24**	**80**	**520**	**600**

SEMESTER-II

S.No	Course Code	Components of Study	Title of the Paper	Contact hours	No. of Credits	I A Marks	End SEM Exam Marks	Total
1	ENV 201	Core- Theory	Energy and Environment	6	4	20	80	100
2	ENV 202	Core- Theory	Environmental Pollution	6	4	20	80	100
3	ENV 203	Core- Practical I	Practical – I	6	4	-	-	100
4	ENV 204	Core- Practical II	Practical – II	6	4	-	-	100
5	ENV 205	Compulsory Foundation **(Related to Subject)**	Instrumental Techniques and Applications	6	4	20	80	100
6	ENV 206	Elective Foundation	Environmental Laws, Policies and Legislation	6	4	20	80	100
		Total		**36**	**24**	**80**	**520**	**600**

SEMESTER-III

S.No	Course Code	Components of Study	Title of the Paper	Contact hours	No. of Credits	I A Marks	End SEM Exam Marks	Total
1	ENV 301	Core- Theory	Waste Treatment and Management	6	4	20	80	100
2	ENV 302	Core- Theory	Environmental Impact Assessment, Audit And Economics	6	4	20	80	100
3	ENV 303	Core- Practical I	Practical – I	6	4	-	-	100
4	ENV 304	Core- Theory **Skill Development**	Basics of Statistical Methods and Computer Programmes	6	4	20	20	100
5	ENV 305	Generic Elective* **(Related to Subject)**	(a) Ecotourism and Eco-Restoration (b) Occupational Health and Industrial Safety (c) Statistics, Computer Applications and Modeling	6	4	20	80	100
6	ENV 306	Open Elective* **(For other Department)**	(a) Natural Resources Conservation (b) Environmental Education	6	4	20	80	100
		Total		**36**	**24**	**80**	**520**	**600**

*** A Student is allowed to take i) one generic elective and one open elective or ii) two generic electives, to secure the minimum number of credits.**

SEMESTER-IV

S.No	Course Code	Components of Study	Title of the Paper	Contact hours	No. of Credits	I A Marks	End SEM Exam Marks	Total
1	ENV 401	Core- Theory	Water Resources and Watershed Management	6	4	20	80	100
2	ENV 402	Core- Theory	Remote Sensing and GIS	6	4	20	80	100
3	ENV 403	Core- Practical I	Practical – I	6	4	-	-	100
4	ENV 404	Core- Practical II/ Project Work	Project Work + Comprehensive Viva-Voce	6	4	-	-	100
5	ENV 405	Generic Elective* **(Related to Subject)**	(a) Disaster Mitigation and Management (b) Environmental Safety (c) Environmental Management and Sustainable Development	6	4	20	80	100
6	ENV 406	Open Elective*	(a) Forest Resources and	6	4	20	80	100

		(For other Department)	Management (b) Global Environmental Issues					
		Total		**36**	**24**	**80**	**520**	**600**

*** A Student is allowed to take i) one generic elective and one open elective ii) two generic electives, to secure the minimum number of credits.**

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SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF FISHERY SCIENCE & AQUACULTURE

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

Name of the Programme	Programme Code	Course code	Name of the Course
Fishery science & Aquaculture	267	AQC 103B	1) Environmental Monitoring and Biodeterioration
Fishery science & Aquaculture	267	AQC 104A	2) Coastal Aquaculture
Fishery science & Aquaculture	267	AQC 104B	3) Ornamental Fish Culture
Fishery science & Aquaculture	267	AQC 203B	4) Capture fisheries
Fishery science & Aquaculture	267	AQC 204A	5) Fishery Economics, Extension and Environmental Management
Fishery science & Aquaculture	267	AQC 204B	6) Limnology
Fishery science & Aquaculture	267	AQC 305	7) Fish Nutrition Technology

BOS Chairman

CHAIRPERSON BOS
Dept. of Fishery Science & Aquaculture
S.V. University, TIRUPATI.

HOD

HEAD
DEPT. OF FISHERY SCIENCE & AQUACULTURE
COLLEGE OF SCIENCES
S.V. UNIVERSITY, TIRUPATI-517 502. A.P.

Member

Member

DEPARTMENT OF FISHERY SCIENCE AND AQUACULTURE

S.V.U. COLLEGE OF SCIENCES

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR M.Sc. AQUACULTURE (REGULAR) PROGRAMME TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

SYLLABUS

Choice Based Credit System (CBCS)

Amended as per NEP 2020

December-2021-2022

	lipids in aquatic feeds.
PO4	Know nature of ethics, values, ahimsa, crime and theories of punishment and explain Bhagavad-Gita as student, researcher and aqua technician. Know Professional and social ethics as researcher, marketing, farming, community mentor, aqua business operator and hatcheries.
PO5	Apply appropriate methods of Aquaculture systems, selection, survey and location of suitable site, Aquaculture engineering, hydrology of ponds, selection of species, restocking management and stocking. Techniques of post stocking management and growth. Apply soil and water characteristics and physiology of finfish and shell fish.
PO6	Discuss digestion, respiration, excretion and osmoregulation, circulatory system, neuroendocrine system and reproduction. Describe bioluminescence, mating and parental care. Describe the culture of Indian major carps, exotic carps, air breathing fishes. Locate Hatchery management, Fresh water prawn and pearl culture. Predict Aquarium fishes and management.
PO7	Communicate effectively viral and bacterial diseases in finfish and shellfish. Nutrition and environmental stress diseases information in person and with community. Microbiology and fish pathology. Acquire skills in writing research report, documentation, case studies, seminar presentations, group discussions and marketing strategies.
PO8	Describe fish immunology and immunotechnology. Social and environmental dimensions within nutrition and the life sciences. Able to demonstrate the cell biology , genetics and immunology.
PO9	Know basic structure of cell and its organelles, chromosomes, principles of physico chemical basis of heredity, genetic rationale in fish breeding, natural hybridization and cytogenetics of fishes.
PO10	Apply knowledge on chemical composition of fish and shellfish, common bacteria present in fish, handling of fish. Prepare pharmacology chromosomal engineering and hormonal manipulation of genetics, recombinant DNA and Polymerase chain reaction and gene amplification.
PO11	Develop and design fish feeds, supplementary feeds, biomolecules enzymes metabolism and bioenergetics. Identify computer application and scope of biostatics and statistical analysis in an aquaculture.
PO12	Learn new concepts of fish breeding and hatchery management, limnology, Bioinformatics in aquaculture, General Principles and practices of Aquaculture, Ornamental fish Culture, fish processing technology, marine pollution.

Semester - I

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	**AQC 101:**	Mandatory	Concepts of Aquatic Ecology	6	4	20	80	100
2		**AQC 102 :**	Mandatory	Systematics And External Anatomy of Cultivable Organisms	6	4	20	80	100
3	Compulsory Foundation	**AQC 103 A:**	Optional -1	Fish Nutrition and Water Quality Management	6	4	20	80	100

		AQC: **103 B** :		Environmental Monitoring and Bio deterioration					
4	Elective Foundation	**AQC-104A:** **AQC 104 B:**	Optional -1	Coastal Aquaculture Ornamental Fish Culture	6	4	20	80	100
5	Practical - I	**AQC 105:**	Paper 1 & 3	Identification and Morphology of Cultivable Organisms	6	4		100	100
6	Practical - II	**AQC106 :**	Paper 2 & 4	Fish Nutrition	6	4		100	100
				Total	36	24	80	520	600
7	Audit Course -I	AQC: 107: Human values Professional Ethics - I			0	0	100	0	0

***All CORE Papers are Mandatory**

- **Compulsory Foundation - Choose one Paper**
- **Elective Foundation - Choose one Paper**
- **Audit Course – 100 Marks (Internal) – Zero Credits under self study**

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	**AQC 201:**	Mandatory	Principles of Aquaculture	6	4	20	80	100
2		**AQC 202 :**	Mandatory	Physiology of Cultivable Organisms	6	4	20	80	100
3	Compulsory Foundation	**AQC 203A** **AQC 203B:**	Optional -1	Fresh Water Aquaculture Capture fisheries	6	4	20	80	100

4	Elective Foundation	**AQC 204 A:**	Optional -1	Fishery Economics, Extension and Environmental Management	6	4	20	80	100
		AQC 204: B		Limnology					
5	Practical - I	**AQC205:**	Paper 1 & 3	Soil and Water Characteristics	6	4		100	100
6	Practical - II	**AQC206:**	Paper 2 & 4	Physiology of Fin Fish and Shell Fish	6	4		100	100
	Total				36	24	80	520	600
7	Audit Course-II			AQC: 207: Human values Professional Ethics - II	0	0	100	0	0

Semester - II

***All CORE Papers are Mandatory**

- **Compulsory Foundation - Choose one Paper**
- **Elective Foundation - Choose one Paper**
- **Audit Course – 100 Marks (Internal) – Zero Credits under self study**

Semester - III

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	**AQC 301 :**	Mandatory	Microbiology and Fish Pathology	6	4	20	80	100
2		**AQC 302:**	Mandatory	Fish Immunology	6	4	20	80	100
3	Generic Elective	**AQC: 303A:**	Optional -1	Cell Biology and Genetics	6	4	20	80	100
		AQC 303 B:		Bioinformatics In Aquaculture					
4	Practical - I	**AQC 304:**	Core & Generic Electives	Microbiology and Fish Diseases	6	4		100	100
5	Skill Oriented Course	**AQC 305:**	Mandatory (Theory + Practical)	Fish Nutrition Technology	6 (3+3)	4	10	90 (40 + 50)	100

6	Open Elective	**a)AQC 306A:**	Optional - 1	Fish Processing Technology	6	4	20	80	100
		b) AQC306 B:		Pollution and Toxicology					
	Total				36	24	90	510	600

***All CORE Papers are Mandatory**

- **Generic Elective - Choose Two**
- **Core papers and Generic Electives opted Paper held Practical-I**
- **Skill Oriented Course is Mandatory. Relevant to Society along with practical (10 Marks Internal, 40 Final Theory & 50 for Practical's)**
- **Open Electives are for the Students of other Departments. Minimum One paper should be opted. Extra credits may be earned by opting for more number of Open Electives depending on the interest of the student through self study.**

Semester - IV

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	**AQC 401 :**	Mandatory	Aquaculture Biotechnology	6	4	20	80	100
2		**AQC402:**	Mandatory	Essentials Of Biochemistry	6	4	20	80	100
3	Generic Elective	**AQC403 A :**	Optional -1	Computer Applications, Information Technology And Biostatistics In Aquaculture	6	4	20	80	100
		AQC403 B:		Aquaculture Engineering					
4	Practical - II	**AQC 404:**	Core & Generic Electives	Biotechnology And Biochemical Estimations	6	4		100	100
5	Project Work	**AQC405 :**	Mandatory (Theory + Practical	Project Work	--	4	--	100	100

			)						
6	Open Elective	**AQC 406(A):**	Optional - 1	General Principles and Practices of Aquaculture	6	4	20	80	100
		AQC 406 (B):		Fish Breeding and Hatchery Management					
	Total				30	24	80	520	600

***All CORE Papers are Mandatory**

- **Generic Elective - Choose Two**
- **Core papers and Generic Elective opted Paper held Practical-II**
- **Project Work – Collaboration with various Firms/Companies/Societies.**
- **Open Electives are for the Students of other Departments. Minimum One paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study.**

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF ARTS

DEPARTMENT OF GEOGRAPHY

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

Name of the Programme	Papers Revised
Geography	Sem-I: GEG: 102, GEG: 103A, GEG: 103B, GEG: 103C, GEG: 104A, GEG: 104B, GEG: 104C
	Sem-II: GEG: 201, GEG: 203B, GEG: 203C, GEG: 204A, GEG: 204B, GEG: 204C, GEG: 206
	Sem-III: GEG: 301, GEG: 303A, GEG: 303B, GEG: 305
	Sem-IV: GEG: 403B, GEG: 403C, GEG: 405

Members present

Name of the Member	Designation	Signature
DR.Y.SUJATHA	Chairman (BOS)	Dr. Y. Suj... M.Sc., B.Ed.,Ph.D., BOS Chairperson Dept. of Geography S.V.U. College of Science S.V.U. University, Tirupati.
DR.M.REDDI BHASKARA REDDY	HEAD	M. Reddi Bhaskara Reddy
DR.N.CHENDRAYDU	MEMBER	

Dr. M. REDDI BHASKARA REDDY
HEAD
Department of Geography
S.V.U. College of Sciences

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF SCIENCES

DEPARTMENT OF GEOGRAPHY

Syllabus for M.Sc. GEOGRAPHY

Choice Based Credit System (CBCS)

(w.e.f. the Academic Year 2021-2022)

M.Sc. Geography 2021-22

SEMESTER - I

Sl. No	Components of Study	Title of the course	Title of the Paper	Contact hours	No. of Credits	IA Marks	End SEM Marks	Total
1.	Core Theory **(Mandatory)**	GEG - 101	Geomorphology	6	4	20	80	100
2.		GEG - 102	Cartography	6	4	20	80	100
3.	Compulsory foundation **(opt - 1)**	GEG – 103(A)	Economic Geography	6	4	20	80	100
		GEG – 103(B)	Human Geography					
		GEG – 103(C)	Environmental Geography					
4.	Elective foundation **(Opt - 1)**	GEG – 104(A)	Oceanography	6	4	20	80	100
		GEG – 104(B)	Computer Basics for Geography					
		GEG – 104(C)	Regional Geography of Andhra Pradesh					
5.	Practical - 1	GEG – 105	Map Projections	8	4	---	100	100
6.	Practical - 2	GEG – 106	Techniques of Mapping and map analysis	8	4	---	100	100
	TOAL			**40**	**24**	**80**	**520**	**600**
7.	AUDIT COURSE		Human Values and Professional Ethics- I	0	0	100	0	0

SEMESTER - II

Sl. No	Components of Study	Title of the course	Title of the Paper	Contact hours	No. of Credits	IA Marks	End SEM Marks	Total
1.	Core **(Mandatory)**	GEG - 201	Climatology	6	4	20	80	100
2.		GEG - 202	Geographical Thought	6	4	20	80	100
3.	Compulsory Foundation **(Opt - 1)**	GEG – 203(A)	Principles of Remote Sensing	6	4	20	80	100
		GEG – 203(B)	Geography of Tourism					
		GEG – 203(C)	Industrial Geography					
4.	Elective foundation **(Opt - !)**	GEG – 204(A)	Physical Geography of India	6	4	20	80	100
		GEG – 204(B)	Regional Geography of India					
		GEG – 204(C)	Social and Cultural Geography					
5.	Practical - 1	GEG – 205	Interpretation of Topographical (S.O.I., U.S and O.S) and Weather Maps	8	4	---	100	100
6.	Practical - 2	GEG – 206	Research Techniques		4	---	100	100
	TOAL			**40**	**24**	**80**	**520**	**600**
7.	AUDIT COURSE		Human Values and Professional Ethics- II	0	0	100	0	0

SEMESTER - III

Sl. No	Components of Study	Title of the course	Title of the Paper	Contact hours	No. of Credits	IA Marks	End SEM Marks	Total
1.	Core **(Mandatory)**	GEG – 301	Urban Geography	6	4	20	80	100
2.		GEG – 302	Geographical Information System (GIS)	6	4	20	80	100
3.	Generic Electives **(Opt - 1)**	GEG – 303(A)	Agricultural Geography	6	4	20	80	100
		GEG – 303(B)	Transport geography					
		GEG – 303(C)	Disaster Management Studies					
4.	Practical	GEG – 304	Geographical Information System (GIS)	8	4	---	100	100
5.	Skill Oriented Course **(Mandatory Theory & practical)**	GEG – 305	GPS Survey and Report	Theory (2)+ Practical' s(4)	4	10	90 (40+50)	100
6.	Open Elective **(Opt - 1)**	GEG – 306 (A)	Regional Geography of Andhra Pradesh	6	4	20	80	100
		GEG – 306 (B)	Geographical Information System (GIS) & Global Positioning System (GPS) and Applications					
	TOAL			**24**	**24**	**90**	**510**	**600**

SEMESTER - IV

Sl. No	Components of Study	Title of the course	Title of the Paper	Contact hours	No. of Credits	IA/Viva Marks	End SEM Marks	Total
1.	Core **(Mandatory)**	GEG – 401	Regional Planning	6	4	20	80	100
2.		GEG – 402	Advanced Remote Sensing	6	4	20	80	100
3.	Generic Electives **(Opt - 1)**	GEG – 403(A)	Water and Soil Resources Management	6	4	20	80	100
		GEG – 403(B)	Political Geography					
		GEG – 403(C)	Research in Geographical Studies					
4.	Practical	GEG = 404	Remote Sensing Applications	8	4	---	100	100
5.	Multi Disciplinary course/Project Work	GEG – 405	Project Work and Viva Voce	0	4	20	80	100
6.	Open Elective **(Opt - 1)**	GEG – 406 (A)	Regional Geography of India	6	4	20	80	100
		GEG – 406 (B)	Principles of Remote Sensing					
Total				**32**	**24**	**100**	**500**	**600**

DEPARTMENT OF GEOLOGY
SRI VENKATESWARA UNIVERSITY-TIRUPATI-517502, A.P

PROCEEDINGS OF THE BOARD OF STUDIES (BoS) MEETING

The BoS Committee **Meeting held online** on 08-12-2021 at 11.00 AM to discuss for the Revision of P.G. Degree Programme (CBCS) Regulations - 2016; Amended as per NEP – 2021 (with effect from the batch admitted in the Academic Year 2021-2022). The following members were present.

1	Dr. U. Suresh	Chairman-in charge, BoS
2	Dr. T. Madhu	Ex-Officio Member
3	Dr. V. Gope Naik	Member
4	Prof. T. Ramkumar	External Member
5	Prof. K. Sathyanarayana Reddy	External Member

All the members of the BoS Committee in its meeting thoroughly discussed for the Revision of P.G. Degree Programme (CBCS) Regulations – 2016; Amended as per NEP – 2021 and prepared the Curriculum and detailed Syllabi with updated references for M.Sc. Geology Course of Sri Venkateswara University, Tirupati.

The Total number of Credits, Scheme of Instruction and Examinations, Syllabi for Core, Compulsory Foundation, Elective Foundation, Generic Elective, Skill Oriented Course, Multi-disciplinary Course and Audit Course are Discussed and Approved the Revision of P.G. Degree Programme (CBCS) Regulations - 2016; Amended as per NEP – 2021 (with effect from the batch admitted in the Academic Year 2021-2022) for M.Sc. Geology Course of S.V. University, Tirupati.

1.	Dr. U. Suresh	Chairman-in charge, BoS
2.	Dr. T. Madhu	Ex-Officio Member
3.	Dr. V. Gope Naik	Member
4.	Prof. T. Ramkumar	External Member
5.	Prof. K. Sathyanarayana Reddy	External Member

HEAD
Department of Geology

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
DEPARTMENT OF GEOLOGY

Resolved to add New papers during the Academic Year 2021-22 according to NEP-2020

I Semester

Course code	Name of the Course
GEO.103a	Structural Geology
GEO.103b	Fundamentals of Geophysics
GEO.103c	Micropalaeontology & Oceanography
GEO.104b	Meteorology & Climate Change
GEO.104c	Energy Resources

II Semester

Course code	Name of the Course
GEO.201	Sedimentary Petrology
GEO.202	Stratigraphy and Palaeontology
GEO.203a	Geochemistry and Isotope Geology
GEO.203b	Marine Geology
GEO.203c	Computer Applications and Geostatistics
GEO.204b	Environmental Geology
GEO.204c	Gemology

III Semester

Course code	Name of the Course
GEO.302	Economic Geology and Mineral Economics
GEO.303b	Photogrammetry
GEO.305	Surveying and Field Geology
GEO.308a	Earth System Processes

IV Semester

Course code	Name of the Course
GEO.401	Hydrogeology and Engineering Geology
GEO.403a	Mining Geology
GEO.403b	Digital Image Processing
GEO.403c	Water Resources Management
GEO.407b	Natural hazards and Disaster Management

BOS Chairman
Dr. U. SURESH, Ph.D.
ASSOCIATE PROFESSOR
DEPARTMENT OF GEOLOGY
S.V. UNIVERSITY
TIRUPATI - 517 502, A.P.

HOD
HEAD
Department of Geology
S.V. College of Sciences
Sri Venkateswara University
TIRUPATI - 517 502.

Member

Member

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SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF SCIENCES

DEPARTMENT OF GEOLOGY

Syllabus for M.Sc. GEOLOGY

Choice Based Credit System (CBCS)

(w.e.f. the Academic Year 2021-2022)

SRI VENKATESWARA UNIVERSITY: : TIRUPATI
SVU COLLEGE OF SCIENCES
MASTER OF SCIENCE
DEPARTMENT OF GEOLOGY
P.G. DEGREE PROGRAMME (CBCS) REGULATIONS – 2016
AMENDED AS PER NEP – 2020

SEMESTER – I

S.No.	Components of Study	Title of the Course	Title of the Paper	Credit Hrs / week	No. Of Credits	IA Marks	Sem End Exam Marks	Total
1	**Core**	GEO.101	Crystallography and Mineralogy	6	4	20	80	100
2		GEO.102	Igneous Petrology	6	4	20	80	100
3	**Compulsory Foundation**	GEO.103a	Structural Geology	6	4	20	80	100
		GEO.103b	Fundamentals of Geophysics	6	4	20	80	100
		GEO.103c	Micropalaeontology & Oceanography	6	4	20	80	100
4	**Elective Foundation**	GEO.104a	Geomorphology	6	4	20	80	100
		GEO.104b	Meteorology & Climate Change	6	4	20	80	100
		GEO.104c	Energy Resources	6	4	20	80	100
5.	**Practical - I**	GEO.105P	Crystallography and Mineralogy & Structural Geology and Geotectonics/ Fundamentals of Geophysics/ Micropalaeontology & Oceanography	6	3	15	60	75
6	**Practical - II**	GEO.106P	Igneous Petrology & Geomorphology/ Meteorology & Climate Change/ Energy Resources	6	3	15	60	75
7	**Practical - III**	GEO.107P	Geological Field Survey and Training Programme	6	2	10	40	50
	Total			42	24	120	480	600
8	**Audit Course**	Human Values and Professional Ethics - I		0	0	100	0	0

Note:

1) ***Students have to choose one paper each from Compulsory Foundation and Elective Foundation.***

2) ***MOOC online courses will be available in the SWAYAM and SWAYAM PRABHA MHRD web portal. Interested students may register for MOOC with the approval of the DDC but it will be considered for the award of the grade as open elective only giving extra credits.***

SEMESTER – II

S.No.	Components of Study	Title of the Course	Title of the Paper	Credit Hrs / week	No. Of Credits	IA Marks	Sem End Exam Marks	Total
1	Core	GEO.201	Sedimentary Petrology	6	4	20	80	100
2		GEO.202	Stratigraphy and Palaeontology	6	4	20	80	100
3	Compulsory Foundation	GEO.203a	Geochemistry and Isotope Geology	6	4	20	80	100
		GEO.203b	Marine Geology	6	4	20	80	100
		GEO.203c	Computer Applications and Geostatistics	6	4	20	80	100
4	Elective Foundation	GEO.204a	Remote sensing and GIS	6	4	20	80	100
		GEO.204b	Environmental Geology	6	4	20	80	100
		GEO.204c	Gemology	6	4	20	80	100
5.	Practical - I	GEO.205P	Sedimentary Petrology & Geochemistry and Isotope Geology/ Marine Geology/ Computer Applications and Geostatistics	6	3	15	60	75
6	Practical - II	GEO.206P	Stratigraphy and Palaeontology & Remote sensing and GIS/ Environmental Geology/ Gemology	6	3	15	60	75
7	Practical - III	GEO.207P	Geological Field Survey and Training Programme	6	2	10	40	50
	Total			42	24	120	480	600
8	Audit Course	Human Values and Professional Ethics - II		0	0	100	0	0

Note:

1) ***Students have to choose one paper each from Compulsory Foundation and Elective Foundation.***

1) ***MOOC online courses will be available in the SWAYAM and SWAYAM PRABHA MHRD web portal. Interested students may register for MOOC with the approval of the DDC but it will be considered for the award of the grade as open elective only giving extra credits.***

SEMESTER - III

S.No.	Components of Study	Title of the Course	Title of the Paper	Credit Hrs / week	No. Of Credits	IA Marks	Sem End Exam Marks	Total
1	Core	GEO.301	Metamorphic Petrology	6	4	20	80	100
2		GEO.302	Economic Geology and Mineral Economics	6	4	20	80	100
3	Generic Elective	GEO.303a	Watershed Management	6	4	20	80	100
		GEO.303b	Photogrammetry					
		GEO.303c	Dimensional stones and Construction materials					
4	Practical - I	GEO.304P	Metamorphic Petrology, Economic Geology and Mineral Economics & Watershed Management / Photogrammetry / Dimensional stones and Construction materials	6	2	10	40	50
5	Skill Oriented Course	GEO.305	Surveying and Field Geology	6	2	10	40	50
6	Practical - II	GEO.306P	Surveying and Field Geology	6	2	10	40	50
7	Practical - III	GEO.307P	Geological Field Survey and Training Programme	6	2	10	40	50
8	Open Elective	GEO.308a	Earth System Processes	6	4	20	80	100
		GEO.308b	Medical Geology					
Total				42	24	120	480	600

Note:

1) **Students have to Choose One Paper under Generic Elective.**

SEMESTER – IV

S.No.	Components of Study	Title of the Course	Title of the Paper	Credit Hrs / week	No. Of Credits	IA Marks	Sem End Exam Marks	Total
1	**Core**	GEO.401	Hydrogeology and Engineering Geology	6	4	20	80	100
2		GEO.402	Mineral Exploration and Ore Beneficiation	6	4	20	80	100
3	**Generic Elective**	GEO.403a	Mining Geology	6	4	20	80	100
		GEO.403b	Digital Image Processing					
		GEO.403c	Water Resources Management					
4	**Practical - I**	GEO.404P	Hydrogeology and Engineering Geology, Mineral Exploration and Ore Beneficiation & Mining Geology / Digital Image Processing / Water Resources Management	6	2	10	40	50
5	**Multi Disciplinary Course / Project Work**	GEO.405	Environmental Impact Assessment and Management/**Project Work**	6	4	20	80	100
6	**Practical - II**	GEO.406P	Geological Field Survey and Training Programme	6	2	10	40	50
7	**Open Elective**	GEO.407a	Fuel Geology	6	4	20	80	100
		GEO.407b	Natural hazards and Disaster Management					
	Total			42	24	120	480	600

Note:

1) **Students have to Choose One Paper under Generic Elective.**

2) **The project work shall be evaluated at the end of the IV semester with 80 marks for the report and 20 marks for the Viva-Voce with a maximum of 100 marks.**

DEPARTMENT OF HOME SCIENCE
S.V.U. COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY: TIRUPATI

The members of Board of Studies in Home Science (Combined) for PG programme, met online on **09-11-2021 at 2 pm** to approve the syllabus framed as per Action Plan of the NEP- 2020 to be implemented for the students joining from 2021-2022 academic year onwards.

The following are the minutes of the BOS Meeting which are common for the below mentioned four courses of the Post-Graduate programmes offered by the Dept. of Home Science , Sri Venkataeswara University :

- M.Sc. Food Science Nutrition and Dietetics (FSND) (Regular)
- M.Sc. Human Development and Child Welfare (HDCW) (Regular)
- M.Sc. Extension Management and Communication Technology (EMCT) (Regular) and
- MS Food Technology (FT) (Self Supporting Course).

RESOLUTIONS :

1. Resolved to recommend that the members of Board of Studies of Department of Home Science belonging to respective specializations have reviewed the revised Post-graduate syllabus for four M.Sc., programmes viz., Food Science Nutrition and Dietetics and Food Technology , Human Development and Child Welfare , Extension Management and Communication Technology offered by the Department of Home Science and approved the same by incorporating suggestions / modifications given.

2. Resolved to recommend that Human Values and Professional Ethics-I in first semester and Human Values and Professional Ethics-II in second semester be treated as 'Audit Courses' (100 marks internal with Zero credits).

3. Resolved to recommend to introduce **Skill oriented Course** as mandatory in the third Semester for 100 marks. Out of 100 marks the allotment of marks for Theory is 50 (Out of which 10 marks for internal and 40 marks for external assessment) and 50 marks for practical. It is also resolved that the students will be sent for Internship programme for practical experience (50 marks) as skill development needs hands-on-experience.

4. It was recommended to make **Research Work (Thesis)** as mandatory for three regular Programmes of Home Science Viz., Food Science Nutrition and Dietetics,

Human Development and Child Welfare and Extension Management and Communication Technology .

5. Resolved to recommend to introduce Multi-disciplinary Course / Project work/ MOOCS as mandatory in the Fourth Semester for students of Food Technology programme for 100 marks.

6. Resolved to recommend that the following two papers as common for three regular PG. programmes offered by the Department

   - Elective Foundation- 104-Community Nutrition
   - Elective Foundation - 204- Research Methodology and Statistics

7. Resolved to recommend that the following papers are common for Food Science Nutrition and Dietetics and Food Technology in Four semesters ;

   Semester-I

   - 101-Food Chemistry and Analysis
   - 103- Food Science and Experimental Foods

   Semester-II

   - 203- Food Microbiology and Safety

   Semester-III

   - 301-Food Processing and Preservation Technology
   - 303e- Baking Technology

   Semester-IV

   - 401- Food Safety Standards and Quality Control
   - 402- Food Product Development and Marketing
   - 403a- Nutrition for Health and Fitness
   - 403c- Nutrition in Emergencies and Disaster Management

8. Resolved to recommend that there is no change in question paper format. Hence, the existing pattern is recommended.

Members Attended

1. Prof. K. Venkatesha

2. Dr. K.A. Sudharshan

3. Prof. Asna Urooj

4. Prof. [illegible]

5. Prof. R. Geetha Reddy

6. Dr. B. Mangala Seva Bai

7. Dr. [illegible]

9/11/2021

9/11/2021

9/11/2021

Dr. ASNA UROOJ
Professor
DOS in Food Science & Nutrition
University of Mysore
MYSORE-570006

9/11/2021

Dr. R. GEETHA REDDY
Professor
Dept. of [illegible]
College of [illegible]
PJTSAU, Hyderabad-500 [illegible]

9/11/2021

9/11/2021

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SRI VENKATESWARA UNIVERSITY: TIRUPATI
S.V.U COLLEGE OF SCIENCES
DEPARTMENT OF HOME SCIENCE

Course

M.Sc. FOOD SCIENCE NUTRITION AND DIETETICS

Choice Based Credit System (CBCS)
Academic Year 2021 – 22
Amended as per NEP-2020

SRI VENKATESWARA UNIVERSITYCOLLEGE OF SCIENCES: TIRUPATI
DEPARTMENT OF HOME SCIENCE
CHOICE BASED CREDIT SYSTEM (C.B.C.S), SYLLABUS AND SCHEME OF EXAMINATION
(WITH EFFECT FROM THE ACADEMIC YEAR 2021)

M.Sc., FOOD SCIENCE NUTRITION AND DIETETICS (FSND)

I Semester

S.No	Components of the Study	Title of the course	Title of the paper	Credit Hrs/ Week	No. of credit	IA Marks	Sem End Exam Marks	Total
1	Core	FSND 101	Food Chemistry and Analysis	6	4	20	80	100
2	Core	FSND 102	Clinical Nutrition and Dietetics-I	6	4	20	80	100
3	Compulsory Foundation	FSND 103 -A	Food Science and Experimental Foods	6	4	20	80	100
		FSND 103- B	Baking Technology	6	4	20	80	100
4	Elective Foundation	FSND 104 -A	Community Nutrition	6	4	20	80	100
		FSND 104 -B	Nutrition during Life span	6	4	20	80	100
5	Practical -I	FSND 105	101+103-A/103-B	3+3/3	4	--	--	100
6	Practical - II	FSND 106	102+104-A/104-B	3+3/3	4	--	--	100
	Total				24			600
7	FSND 107: Human Values and Professional Ethics-I (Audit course)*			0	0	100	0	0

***Audit Course- Zero Credit under Self Study**

II Semester

S.No	Components of the Study	Title of the course	Title of the paper	Credit Hrs/ Week	No. of credit	IA Marks	Sem End Exam Marks	Total
1	Core	FSND 201	Nutritional Bio chemistry	6	4	20	80	100
2	Core	FSND 202	Clinical Nutrition and Dietetics-II	6	4	20	80	100
3	Compulsory Foundation	FSND 203- A	Food Microbiology and Safety	6	4	20	80	100
		FSND 203 B	Nutrition in Emergencies And Disaster Management	6	4	20	80	100
4	Elective Foundation	FSND 204 A	Research Methodology	6	4	20	80	100
		FSND 204 B	Statistics and Computer Applications	6	4	20	80	100
5	Practical –I	FSND 205	201+203-A/203-B	3+3/3	4	--	--	100
6	Practical – II	FSND 206	202+204-A/204-B	3+3/3	4	--	--	100
	Total			-	24			600
7	FSND 207: Human Values and Professional Ethics-II (Audit course)*			0	0	100	0	0

***Audit Course- Zero Credits under Self Study**

III Semester

S.No	Components of the Study	Title of the course	Title of the paper	Credit Hrs/ Week	No. of credit	IA Marks	Sem End Exam Marks	Total
1	Core	FSND 301	Food Processing and Preservation Technology	6	4	20	80	100
2	Core	FSND 302	Advances in Human Nutrition	6	4	20	80	100
3	*Generic Elective	FSND303-A	Nutrition Assessment Techniques	6	4	20	80	100
		FSND303-B	Public Health Nutrition					
4	Practical	FSND 304	301+302	6	4	--	--	100
5	**Skill Oriented Course	FSND 305	Institutional Food Service Management(T)+Practicals (P)	3+6	4	10	90 (40+50)	100
6	***Open Elective	FSND306-A	Fundamentals of Food, Nutrition and Health	6	4	20	80	100
		FSND 306-B	Dynamics in Food Preparation					
	Total				24			600

***Generic Elective – Student has to choose any one paper**

****Internship is mandatory**

*****Open Elective – Offered by Department to other Department students**

Note: Interested student may register for MOOCS with the approval of DDC

IV Semester

S.No	Components of the Study	Title of the course	Title of the paper	Credit Hrs/ Week	No. of credit	IA Marks	Sem End Exam Marks	Total
1	Core	FSND 401	Food Safety Standards and Quality Control	6	4	20	80	100
2	Core	FSND 402	Food Product Development and Marketing	6	4	20	80	100
3	*Generic Elective	FSND 403-A	Nutrition for Health and Fitness	6	4	20	80	100
		FSND 403-B	Geriatric Nutrition					
4	Practicals	FSND 404	401+402	6	4	--	--	100
5	Multi Disciplinary Course	FSND 405	Technology of Packaging(T+P)	3+6	4	20	80	100
6	**Open Elective	FSND 406-A	Child Growth and Development	4	4	20	80	100
		FSND 406-B	Disaster Management					
	Total				24			600

***Generic Elective- Students has to Choose One**

****Open elective –Offered by Department to other department Students.**

NOTE: Interested Students may Register for MOOCS with the approval of DDC.

DEPARTMENT OF HOME SCIENCE
S.V.U. COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY: TIRUPATI

The members of Board of Studies in Home Science (Combined) for PG programme, met online on **09-11-2021 at 2 pm** to approve the syllabus framed as per Action Plan of the NEP- 2020 to be implemented for the students joining from 2021-2022 academic year onwards.

The following are the minutes of the BOS Meeting which are common for the below mentioned four courses of the Post-Graduate programmes offered by the Dept. of Home Science , Sri Venkataeswara University :

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- M.Sc. Human Development and Child Welfare (HDCW) (Regular)
- M.Sc. Extension Management and Communication Technology (EMCT) (Regular) and
- MS Food Technology (FT) (Self Supporting Course).

RESOLUTIONS :

1. Resolved to recommend that the members of Board of Studies of Department of Home Science belonging to respective specializations have reviewed the revised Post-graduate syllabus for four M.Sc., programmes viz., Food Science Nutrition and Dietetics and Food Technology , Human Development and Child Welfare , Extension Management and Communication Technology offered by the Department of Home Science and approved the same by incorporating suggestions / modifications given.

2. Resolved to recommend that Human Values and Professional Ethics-I in first semester and Human Values and Professional Ethics-II in second semester be treated as 'Audit Courses' (100 marks internal with Zero credits).

3. Resolved to recommend to introduce **Skill oriented Course** as mandatory in the third Semester for 100 marks. Out of 100 marks the allotment of marks for Theory is 50 (Out of which 10 marks for internal and 40 marks for external assessment) and 50 marks for practical. It is also resolved that the students will be sent for Internship programme for practical experience (50 marks) as skill development needs hands-on-experience.

4. It was recommended to make **Research Work (Thesis)** as mandatory for three regular Programmes of Home Science Viz., Food Science Nutrition and Dietetics,

Human Development and Child Welfare and Extension Management and Communication Technology .

5. Resolved to recommend to introduce Multi-disciplinary Course / Project work/ MOOCS as mandatory in the Fourth Semester for students of Food Technology programme for 100 marks.

6. Resolved to recommend that the following two papers as common for three regular PG. programmes offered by the Department

   - Elective Foundation- 104-Community Nutrition
   - Elective Foundation - 204- Research Methodology and Statistics

7. Resolved to recommend that the following papers are common for Food Science Nutrition and Dietetics and Food Technology in Four semesters ;

   Semester-I

   - 101-Food Chemistry and Analysis
   - 103- Food Science and Experimental Foods

   Semester-II

   - 203- Food Microbiology and Safety

   Semester-III

   - 301-Food Processing and Preservation Technology
   - 303e- Baking Technology

   Semester-IV

   - 401- Food Safety Standards and Quality Control
   - 402- Food Product Development and Marketing
   - 403a- Nutrition for Health and Fitness
   - 403c- Nutrition in Emergencies and Disaster Management

8. Resolved to recommend that there is no change in question paper format. Hence, the existing pattern is recommended.

Members Attended

1. Prof. K. Venkatesha

2. Dr. K.A. Sudharshan

3. Prof. Asna Urooj

4. Prof. [illegible]

5. Prof. R. Geetha Reddy

6. Dr. B. Mangala Seva Bai

7. Dr. [illegible]

9/11/2021

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Dr. R. GEETHA REDDY
Professor
Dept. of [illegible]
College of [illegible]
PJTSAU, Hyderabad-500 [illegible]

9/11/2021

9/11/2021

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DEPARTMENT OF HOME SCIENCE
S.V.U COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY

RESTRUCTURED CURRICULAM FOR

M.Sc. HUMAN DEVELOPMENT AND CHILD WELFARE (REGULAR) PROGRAMME

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-22

Amended as per NEP 2020

SYLLABUS
Choice Based Credit System (CBCS)

SRI VENKATESWARA UNIVERSITY COLLEGE OF SCIENCES
DEPARTMENT OF HOME SCIENCE
CHOICE BASED CREDIT SYSTEM (C.B.C.S) SYLLABUS AND SCHEME OF EXAMINATION
(WITH EFFECT FROM THE ACADEMIC YEAR 2021 -2022 onwards)

M.Sc. HUMAN DEVELOPMENT AND CHILD WELFARE (HDCW)

SEMESTER-I

Sl. No.	Components of Course	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	End SEM Exam Marks	Total
1	**Core**	HDCW-101	Advanced Study of Human Development -I	6	4	20	80	100
2	**Core**	HDCW-102	Curriculum for Early Years	6	4	20	80	100
3	**Compulsory Foundation**	HDCW-103-A	Family Dynamics	6	4	20	80	100
		HDCW-103-B	Gender Issues in Human Development and Family Relations					
4	**Elective Foundation**	HDCW-104-A	Community Nutrition	6	4	20	80	100
		HDCW-104-B	Nutrition during Life Span					
5	**Practical –I**	HDCW-105	101+ 103-A / 103-B	3+3 / 3	4	-	-	100
6	**Practical- II**	HDCW-106	102 + 104-A / 104-B	3+3 / 3	4	-	-	100
7	**Total**				**24**			**600**
8		HDCW-107	Human Values and Professional Ethics -I *(Audit Course)	0	0	100	0	0

***Audit course – Zero credits under self-study**

SEMESTER-II

Sl. No.	Components of Course	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	End SEM Exam Marks	Total
1	**Core**	HDCW-201	Quality Standards in ECE	6	4	20	80	100
2	**Core**	HDCW-202	Theories of Human Development and Behaviour	6	4	20	80	100
3	**Compulsory Foundation**	HDCW-203-A	Parent and Community Education	6	4	20	80	100
		HDCW-203-B	Infant Development and Stimulation					
4	**Elective Foundation**	HDCW-204-A	Research Methodology	6	4	20	80	100
		HDCW-204-B	Statistics and Computer Application					
5	**Practical –I**	HDCW-205	201 + 203-A / 203-B	3+3/3	4	-	-	100
6	**Practical- II**	HDCW-206	202 + 204-A / 204-B	3+3/3	4	-	-	100
7	**Total**				**24**			**600**
8	***Audit Course**	HDCW-207	Human Values and Professional Ethics -II	0	0	100	0	0

***Audit course – Zero credits under self-study**

SEMESTER-III

Sl. No.	Components of Course	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	End SEM Exam Marks	Total
1	**Core**	HDCW-301	Child Study Techniques	6	4	20	80	100
2	**Core**	HDCW-302	Children with Developmental Challenges	6	4	20	80	100
3	***Generic Elective**	303-A	Organization and Management of Child Welfare Institutions	6	4	20	80	100
		303-B	Child and Human Rights					
4	**Practical**	HDCW-304	301 + 302	6	4	-	-	100
5	****Skill Oriented Course**	HDCW – 305	Life Skills Education (Theory) + (Practicals)	3+6	4	10	90 (40+50)	100
6	*****Open Elective**	HDCW 306 –A	Fundamentals of Food, Nutrition and Health	6	4	20	80	100
		HDCW 306-B	Dynamics in Food Preparation					
7	**Total**				24			600

Internship is mandatory

*Generic Elective – Student has to choose any one paper

** Internship is mandatory

***Open Elective – Offered by Department to other Department students

Note: Interested student may register for MOOCS with the approval of DD

SEMESTER-IV

Sl. No.	Components of Course	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	End SEM Exam Marks	Total
1	**Core**	HDCW -401	Guidance and Counseling in Human Development	6	4	20	80	100
2	**Core**	HDCW -402	Advanced Study of Human Development -II	6	4	20	80	100
3	***Generic Elective**	HDCW -403-A	Rehabilitation and Management of Children with Special Needs	6	4	20	80	100
		HDCW -403-B	Gerontology					
4	**Practicals**	HDCW-404	401 + 402	6	4	-	-	100
5	**Multi-disciplinary**	HDCW-405	Human Recourse Management ((Theory) + (Practicals)	3+6	4	10	90 (40+50)	100
6	****Open Elective**	406-A	Growth and Development During Early Years	6	4	20	80	100
		406-B	Disaster Management					
7	**Total**			36	24			600

* Generic Elective – Student has to choose any one Paper

** Open Elective - Offered by Department to other Department students

Note: Interested student may register for **MOOCS** with the approval of DDC

DEPARTMENT OF HOME SCIENCE
S.V.U. COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY: TIRUPATI

The members of Board of Studies in Home Science (Combined) for PG programme, met online on **09-11-2021 at 2 pm** to approve the syllabus framed as per Action Plan of the NEP- 2020 to be implemented for the students joining from 2021-2022 academic year onwards.

The following are the minutes of the BOS Meeting which are common for the below mentioned four courses of the Post-Graduate programmes offered by the Dept. of Home Science , Sri Venkataeswara University :

- M.Sc. Food Science Nutrition and Dietetics (FSND) (Regular)
- M.Sc. Human Development and Child Welfare (HDCW) (Regular)
- M.Sc. Extension Management and Communication Technology (EMCT) (Regular) and
- MS Food Technology (FT) (Self Supporting Course).

RESOLUTIONS :

1. Resolved to recommend that the members of Board of Studies of Department of Home Science belonging to respective specializations have reviewed the revised Post-graduate syllabus for four M.Sc., programmes viz., Food Science Nutrition and Dietetics and Food Technology , Human Development and Child Welfare , Extension Management and Communication Technology offered by the Department of Home Science and approved the same by incorporating suggestions / modifications given.

2. Resolved to recommend that Human Values and Professional Ethics-I in first semester and Human Values and Professional Ethics-II in second semester be treated as 'Audit Courses' (100 marks internal with Zero credits).

3. Resolved to recommend to introduce **Skill oriented Course** as mandatory in the third Semester for 100 marks. Out of 100 marks the allotment of marks for Theory is 50 (Out of which 10 marks for internal and 40 marks for external assessment) and 50 marks for practical. It is also resolved that the students will be sent for Internship programme for practical experience (50 marks) as skill development needs hands-on-experience.

4. It was recommended to make **Research Work (Thesis)** as mandatory for three regular Programmes of Home Science Viz., Food Science Nutrition and Dietetics,

Human Development and Child Welfare and Extension Management and Communication Technology .

5. Resolved to recommend to introduce Multi-disciplinary Course / Project work/ MOOCS as mandatory in the Fourth Semester for students of Food Technology programme for 100 marks.

6. Resolved to recommend that the following two papers as common for three regular PG. programmes offered by the Department

   - Elective Foundation- 104-Community Nutrition
   - Elective Foundation - 204- Research Methodology and Statistics

7. Resolved to recommend that the following papers are common for Food Science Nutrition and Dietetics and Food Technology in Four semesters ;

   Semester-I

   - 101-Food Chemistry and Analysis
   - 103- Food Science and Experimental Foods

   Semester-II

   - 203- Food Microbiology and Safety

   Semester-III

   - 301-Food Processing and Preservation Technology
   - 303e- Baking Technology

   Semester-IV

   - 401- Food Safety Standards and Quality Control
   - 402- Food Product Development and Marketing
   - 403a- Nutrition for Health and Fitness
   - 403c- Nutrition in Emergencies and Disaster Management

8. Resolved to recommend that there is no change in question paper format. Hence, the existing pattern is recommended.

Members Attended

1. Prof. K. Venkatesha

2. Dr. K.A. Sudharshan

3. Prof. Asna Urooj

4. Prof. [illegible]

5. Prof. R. Geetha Reddy

6. Dr. B. Mangala Seva Bai

7. Dr. [illegible]

9/11/2021

9/11/2021

9/11/2021

Dr. ASNA UROOJ
Professor
DOS in Food Science & Nutrition
University of Mysore
MYSORE-570006

9/11/2021

Dr. R. GEETHA REDDY
Professor
Dept. of [illegible]
College of [illegible]
PJTSAU, Hyderabad-500 [illegible]

9/11/2021

9/11/2021

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DEPARTMENT OF HOME SCIENCE
S.V.U. COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR
M.Sc. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY
(REGULAR) PROGRAMME
TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC
YEAR 2021-2022

Amended as per NEP 2020

12. **(LL) Life-long learning:** An ability to identify and to address their own educational in a changing world in ways sufficient to maintain their competence and to allow them to contribute to the advancement of knowledge.

M.Sc. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY (EMCT)
SEMESTER-I

Sl. No.	Components of Course	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	End SEM Exam Marks	Total
1	**Core**	EMCT-101	Communication and Media Preparation (CMP)	6	4	20	80	100
2	**Core**	EMCT-102	Extension Education in Community Development (EECD)	6	4	20	80	100
3	**Compulsory Foundation**	EMCT-103a	Dynamics of Rural Society(DR)	6	4	20	80	100
		EMCT-103b	Dynamics of Group Behavior (DGB)					
4	**Elective Foundation**	EMCT-104a	Community Nutrition(CN)	6	4	20	80	100
		EMCT-104b	Nutrition during Life Span(NLS)					
5	**Practical –I**	EMCT-105	101+ 103a / 103b	3+3 / 3	4	-	-	100
6	**Practical- II**	EMCT - 106	102 + 104 a / 104 b	3+3 / 3	4	-	-	100
7	**Total**				**24**			**600**
8		EMCT-107	Human Values and Professional Ethics -I (HVPE) *(Audit Course)	0	0	100	0	0

***Audit course – Zero credits under self-study**

SEMESTER-II

Sl. No.	Components of Course	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	End SEM Exam Marks	Total
1	**Core**	EMCT-201	Community Organization and Leadership (COL)	6	4	20	80	100
2	**Core**	EMCT-202	Entrepreneurial Development and Empowerment of Women (ED)	6	4	20	80	100
3	**Compulsory Foundation**	EMCT-203a	Educational Technology(ET)	6	4	20	80	100
		EMCT-203b	Technology Transfer and Management (TTM)					
4	**Elective Foundation**	EMCT-204a	Research Methodology (RM)	6	4	20	80	100
		EMCT-204b	Statistics and Computer Application (SCA)					
5	**Practical –I**	EMCT-205	201 + 203a / 203b	3+3/3	4	-	-	100
6	**Practical- II**	EMCT-206	202 + 204 a / 204 b	3+3/3	4	-	-	100
7	**Total**				**24**			**600**
8	***Audit Course**	EMCT-207	Human Values and Professional Ethics –II (HVPE)	0	0	100	0	0

***Audit course – Zero credits under self-study**

SEMESTER-III

Sl. No.	Components of Course	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	End SEM Exam Marks	Total
1	**Core**	EMCT -301	Managerial Skills for Extension Professionals (MSEP)	6	4	20	80	100
2	**Core**	EMCT -302	Training and Development (T&D)	6	4	20	80	100
3	***Generic Elective**	EMCT 303a	Rural Development and Administration (RDA)	6	4	20	80	100
		EMCT 303b	Principles of Guidance and Counseling (PGC)					
4	**Practical**	EMCT -304	301 + 302	6	4	-	-	100
5	**Skill Oriented Course**	EMCT – 305	NGO Management (NGOM) (Theory) + (Practicals)	3+6	4	10	90 (40+50)	100
6	****Open Elective**	EMCT-306 –a	Fundamentals of Food, Nutrition and Health (FFNH)	6	4	20	80	100
		EMCT -306 b	Dynamics in Food Preparation (DFP)					
7	**Total**				24			600

Internship is mandatory
*Generic Elective – Student has to choose any one paper
Open Elective – Offered by Department to other Department studen Note:** Interested student may register for MOOCS with the approval of DDC

SEMESTER-IV

Sl. No.	Components of Course	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	End SEM Exam Marks	Total
1	**Core**	EMCT-401	Communication Technologies in Extension (CTE)	6	4	20	80	100
2	**Core**	EMCT -402	Participatory Programme Management (PPM)	6	4	20	80	100
3	***Generic Elective**	EMCT -403 a	Extension Management (EM)	6	4	20	80	100
		EMCT -403.b	Science & Technology for Rural Women (STW)					
4	**Practicals**	EMCT-404	401 + 402	6	4	-	-	100
5	**Multi-disciplinary**	EMCT-405	Local Government in AP (LGAP) ((Theory) + (Practicals)	3+6	4	10	90 (40+50)	100
6	****Open Elective**	406.a	Disaster Management (DM)	6	4	20	80	100
		406.b	Growth and Development During Early Years (GDEA)					
7	**Total**			36	24			600

* Generic Elective – Student has to choose any one Paper

** Open Elective - Offered by Department to other Department students

Note: Interested student may register for **MOOCS** with the approval of DDC

DEPARTMENT OF HOME SCIENCE
S.V.U. COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY: TIRUPATI

The members of Board of Studies in Home Science (Combined) for PG programme, met online on **09-11-2021 at 2 pm** to approve the syllabus framed as per Action Plan of the NEP- 2020 to be implemented for the students joining from 2021-2022 academic year onwards.

The following are the minutes of the BOS Meeting which are common for the below mentioned four courses of the Post-Graduate programmes offered by the Dept. of Home Science , Sri Venkataeswara University :

- M.Sc. Food Science Nutrition and Dietetics (FSND) (Regular)
- M.Sc. Human Development and Child Welfare (HDCW) (Regular)
- M.Sc. Extension Management and Communication Technology (EMCT) (Regular) and
- MS Food Technology (FT) (Self Supporting Course).

RESOLUTIONS :

1. Resolved to recommend that the members of Board of Studies of Department of Home Science belonging to respective specializations have reviewed the revised Post-graduate syllabus for four M.Sc., programmes viz., Food Science Nutrition and Dietetics and Food Technology , Human Development and Child Welfare , Extension Management and Communication Technology offered by the Department of Home Science and approved the same by incorporating suggestions / modifications given.

2. Resolved to recommend that Human Values and Professional Ethics-I in first semester and Human Values and Professional Ethics-II in second semester be treated as 'Audit Courses' (100 marks internal with Zero credits).

3. Resolved to recommend to introduce **Skill oriented Course** as mandatory in the third Semester for 100 marks. Out of 100 marks the allotment of marks for Theory is 50 (Out of which 10 marks for internal and 40 marks for external assessment) and 50 marks for practical. It is also resolved that the students will be sent for Internship programme for practical experience (50 marks) as skill development needs hands-on-experience.

4. It was recommended to make **Research Work (Thesis)** as mandatory for three regular Programmes of Home Science Viz., Food Science Nutrition and Dietetics,

Human Development and Child Welfare and Extension Management and Communication Technology .

5. Resolved to recommend to introduce Multi-disciplinary Course / Project work/ MOOCS as mandatory in the Fourth Semester for students of Food Technology programme for 100 marks.

6. Resolved to recommend that the following two papers as common for three regular PG. programmes offered by the Department

   - Elective Foundation- 104-Community Nutrition
   - Elective Foundation - 204- Research Methodology and Statistics

7. Resolved to recommend that the following papers are common for Food Science Nutrition and Dietetics and Food Technology in Four semesters ;

   Semester-I

   - 101-Food Chemistry and Analysis
   - 103- Food Science and Experimental Foods

   Semester-II

   - 203- Food Microbiology and Safety

   Semester-III

   - 301-Food Processing and Preservation Technology
   - 303e- Baking Technology

   Semester-IV

   - 401- Food Safety Standards and Quality Control
   - 402- Food Product Development and Marketing
   - 403a- Nutrition for Health and Fitness
   - 403c- Nutrition in Emergencies and Disaster Management

8. Resolved to recommend that there is no change in question paper format. Hence, the existing pattern is recommended.

Members Attended

1. Prof. K. Venkatesha

2. Dr. K.A. Sudharshan

3. Prof. Asna Urooj

4. Prof. [illegible]

5. Prof. R. Geetha Reddy

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Dept. of [illegible]
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PJTSAU, Hyderabad-500 [illegible]

9/11/2021

9/11/2021

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DEPARTMENT OF HOME SCIENCE
S.V.U. COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR
M.Sc. FOOD TECHNOLOGY (Self-Supporting Course) PROGRAMME
TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

Amended as per NEP 2020

SYLLABUS
Choice Based Credit System (CBCS)

Amended as per NEP 2020

SRI VENKATESWARA UNIVERSITY COLLEGE OF SCIENCES
DEPARTMENT OF HOME SCIENCE
CHOICE BASED CREDIT SYSTEM (C.B.C.S) SYLLABUS AND SCHEME OF EXAMINATION
(WITH EFFECT FROM THE ACADEMIC YEAR 2021-22 Onwards)

MS FOOD TECHNOLOGY (FT)

I Semester

S. No	Components of the Study	Title of the course	Title of the paper	Credit Hrs/ Week	No. of credit	IA Marks	Sem End Exam Marks	Total
1	Core	FT 101	Food Chemistry and Analysis	6	4	20	80	100
2	Core	FT 102	Cereals, Legumes and Oil seed Technology	6	4	20	80	100
3	Compulsory Foundation	FT 103-A	Food Science and Experimental Foods	6	4	20	80	100
		FT 103-B	Baking Technology	6	4	20	80	100
4	Elective Foundation	FT 104-A	Community Nutrition	6	4	20	80	100
		FT 104-B	Nutrition during life span	6	4	20	80	100
5	Practical -I	FT 105	101+103-A/103-B	3+3/3	4	--	--	100
6	Practical -II	FT 106	102+104-A/104-B	3+3/3	4	--	--	100
	Total				24			600
7	FT 107: Human Values and Professional Ethics-I (Audit course*)			0	0	100	0	0

*Audit Course – Zero credits under self- study

II Semester

S. No	Components of the Study	Title of the course	Title of the paper	Credit Hrs/ Week	No. of credit	IA Marks	Sem End Exam Marks	Total
1	Core	FT 201	Fruit and Vegetable Technology	6	4	20	80	100
2	Core	FT 202	Dairy Technology	6	4	20	80	100
3	Compulsory Foundation	FT 203-A	Food Microbiology and Safety	6	4	20	80	100
		FT 203-B	Nutrition in Emergencies And Disaster Management	6	4	20	80	100
4	Elective Foundation	FT 204-A	Research Methodology	6	4	20	80	100
		FT 204-B	Statistics and Computer Applications	6	4	20	80	100
5	Practical -I	FT 205	201+203-A/203-B	3+3/3	4	--	--	100
6	Practical - II	FT 206	202+204-A/204-B	3+3/3	4	--	--	100
	Total				24			600
7	FT 207: Human Values and Professional Ethics-II (Audit course*)			0	0	0	100	0

*Audit Course – Zero credits under self-study

III Semester

S.No	Components of the Study	Title of the course	Title of the paper	Credit Hrs/ Week	No. of credit	IA Marks	Sem End Exam Marks	Total
1	Core	FT 301	Food Processing and Preservation Technology	6	4	20	80	100
2	Core	FT 302	Live stock and Sea Food Technology	6	4	20	80	100
3	*Generic Elective	FT 303-A	Technology ofSpices, Condiments and Plantation crops	6	4	20	80	100
		FT 303-B	Basics of Food Engineering					
4	Practicals	FT 304	301+302	6	4	--	--	100
5	**Skill Oriented Course	FT 305	Food Industry Management (T) + (Practicals)	3+6	4	10	90 (40+50)	100
6	***Open Elective	FT 306-A	Fundamentals of Food, Nutrition and Health	6	4	20	80	100
		FT 306-B	Dynamics in Food Preparation					
	Total				24			600

*Generic Elective – Student has to choose any one paper

**Internship is mandatory

***Open Elective – Offered by Department to other Department students

Note: Interested student may register for MOOCS with the approval of DDC

IV Semester

S.No	Components of the Study	Title of the course	Title of the paper	Credit Hrs/ Week	No. of credit	IA Marks	Sem End Exam Marks	Total
1	Core	FT 401	Food Safety Standards and Quality Control	6	4	20	80	100
2	Core	FT 402	Food Product Development and Marketing	6	4	20	80	100
3	*Generic Elective	FT 403-A	Nutrition for Health and Fitness	6	4	20	80	100
		FT 403-B	Unit Operations in Food Industry					
4	Practicals	FT 404	401+402	6	4	--	--	100
5	Multi Disciplinary Course/Project Work	FT 405	Technology of Packaging (T+P)	3+6	4	--	--	100
6	**Open Elective	FT 406-A	Child Welfare Programmes	6	4	20	80	100
		FT 406-B	Disaster Management					
	Total				24			600

*Generic Elective- Student has to choose any one.
**Open elective –Offered by Department to other department Students.

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF MATHEMATICS

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

S.No	Name of the Programme	Programme Code	Name of courses Revised
1	**Mathematics**	236	• Algebra - 101 (Modification) • Linear Algebra - 103 B • Lattice Theory - 104 B • Semi Group Theory - 203 B • Non linear Analysis - 204 B • Algebraic Coding Theory - 303 B • MATLAB (Skill Development Course) - 305 • Foundation of mathematical statistics - 306 B

BOS Chairman **HOD** **Member** **Member**

SRI VENKATESWARA UNIVERSITY, TIRUPATI.

DEPARTMENT OF MATHEMATICS

ertified that the syllabus of the following list of programs have been revised during the academ
!021-2022

S.No	Name of the Programme	Programme code	Name of Courses Revised
1.	M.Sc. Mathematics	MA 101	Algebra(Modification)
2	M.Sc. Mathematics	MA 103B	Linear Algebra
3.	M.Sc. Mathematics	MA104B	Lattice Theory
4.	M.Sc. Mathematics	MA 203B	Semi Group Theory
5.	M.Sc. Mathematics	MA 204B	Non linear Analysis
6.	M.Sc. Mathematics	MA 303B	Algebra Coding Theory
7.	M.Sc. Mathematics	MA 305	MAT-LAB(Development Course)
8.	M.Sc. Mathematics	MA 306B	Foundation of mathematical statistics
9.	M.Sc. Mathematics	MA 406A	Business Mathematics-II
10.	M.Sc. Applied Mathematics	AMA 103B	Viscous Flows
11.	M.Sc. Applied Mathematics	AMA 104B	Boundary Value Problems
12.	M.Sc. Applied Mathematics	AMA 204B	Magneto Hydro dynamics
13.	M.Sc. Applied Mathematics	AMA 204B	Non linear Methods
14.	M.Sc. Applied Mathematics	AMA 303B	Mathematical Methods
15	M.Sc. Applied Mathematics	AMA 405	Computer oriented numerical Methods(Multi di Course)
16	M.Sc. Applied Mathematics	AMA 305	MAT-LAB(Development Course)
17.	M.Sc. Applied Mathematics	AMA 306B	Foundation of mathematical statistics
18.	M.Sc. Applied Mathematics	AMA 406A	Business Mathematics-II

HEAD
DEPARTMENT OF MATHEMATICS
S.V.U. COLLEGE OF SCIENCES
S.V.UNIVERSITY, TIRUPATI

DEPARTMENT OF MATHEMATICS
S.V.U. COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR M.Sc. MATHEMATICS (REGULAR) PROGRAMME TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

SYLLABUS
Choice Based Credit System (CBCS)
NEP-2020

SRI VENKATESWARA UNIVERSITY::TIRUPATI
S.V.U.COLLEGE OF SCIENCES
DEPARTMENT OF MATHEMATICS

(Syllabus common for SV University College and affiliated colleges offered P.G. Courses in SVU Area)

(Revised Scheme of Instruction and Examination, Syllabus etc., with effect from the Academic Years 2021-22 for I and II Semesters and 2022-23 for III and IV Semesters)

M.Sc. MATHEMATICS

SCHEME OF INSTRUCTION AND EXAMINATION
Semester-I

Sl. no	Components of study	Code	Title of the course	Hrs / week	No. of Credits	Uni. Exams (Hour	IA	Seme-ster end exam	Total Marks
1.	Core	MA 101	Algebra	6	4	3	20	80	100
2.	Core	MA 102	Real Analysis	6	4	3	20	80	100
3.	Compulsory Foundation	MA 103	A) Ordinary Differential Equations B) Linear Algebra	6 6	4	3	20	80	100
4.	Elective foundation	MA 104	A) Numerical Methods B) Lattice theory	6 6	4	3	20	80	100
5.	Theory	MA 105	Complex Analysis	6	4	3	20	80	100
6.	Theory	MA 106	Discrete Mathematics	6	4	3	20	80	100
			TOTAL	48	24		120	480	600

Semester-II

Sl. no	Components of study	Code	Title of the course	Hrs/ week	No. of Credits	Uni. Exams (Hour	IA	Seme-ster end exam	Total Marks
1.	Core	MA 201	Galois Theory	6	4	3	20	80	100
2.	Core	MA 202	Partial Differential Equations	6	4	3	20	80	100
3.	Compulsory Foundation	MA 203	A) Topology B) Semi group Theory	6 6	4	3	20	80	100
4.	Elective foundation	MA 204	A) Advanced Complex Analysis B) Nonlinear Analysis	6 6	4	3	20	80	100
5.	Theory	MA 205	Measure and Integration	6	4	3	20	80	100
6.	Theory	MA 206	Mathematical Statistics	6	4	3	20	80	100
			TOTAL	48	24		120	480	600

Semester-III

Sl. no	Components of study	Code	Title of the course	Hrs / week	No. of Credits	Uni. Exams (Hour	IA	Seme-ster end exam	Total Marks
1.	Core	MA 301	Commutative Algebra	6	4	3	20	80	100
2.	Core	MA 302	Functional Analysis	6	4	3	20	80	100
3.	Generic Elective	MA 303	A) Differential Geometry B) Algebraic coding theory	6 6	4	3	20	80	100
4.	Course	MA 304	Classical Mechanics	6	4	3	20	80	100
5.	Skill Oriented course	MA 305	MAT-LAB	3T + 18P	4	3	20	80 (50T+ 30P)	100
6.	Open Elective (Other Departme	MA 306	A) Business Mathematics-I B) Fundamentals of Mathematical Statistics	6 6	4	3	20	80	100

	nts)								
TOTAL				**45 T+ 18P**	**24**		**120**	**480**	**600**

Semester-IV

Sl. no	**Components of study**	**Code**	**Title of the course**	**Hr/ week**	**No. of Credits**	**Uni. Exams (Hour**	**IA**	**Seme-ster end exam**	**Total Marks**
1.	**Core**	MA 401	**Number Theory**	**6**	**4**	**3**	**20**	**80**	**100**
2.	**Core**	MA 402	**Banach Algebra**	**6**	**4**	**3**	**20**	**80**	**100**
3.	**Generic Elective**	MA 403	**A) Graph Theory** **B) Approximation Theory**	**6** **6**	**4**	**3**	**20**	**80**	**100**
4.	**Practical/ Course**	MA 404	**Operations Research for Industry and Community Development**	**6**	**4**	**3**	**20**	**80**	**100**
5.	**Multi Disciplinary Course /Project Work**	MA 405	**Computer Oriented Numerical Methods**	**3T +18P**	**4**	**3**	**20**	**80 (50T+ 30P)**	**100**
6.	**Open Elective (Other Departments)**	MA 406	**A) Business Mathematics-II** **B) Mathematics for Social Sciences**	**6** **6**	**4**	**3**	**20**	**80**	**100**
TOTAL				**45 T+ 18 P**	**24**		**120**	**480**	**600**

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
DEPARTMENT OF MATHEMATICS

PROGRAMME: APPLIED MATHEMATICS

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

S.No	Name of the Programme	Programme Code	Name of courses Revised
1	**Applied Mathematics**	238	• Viscous Flows - 103 B • Boundary Value problems - 104 B • Magneto Hydro dynamics - 204 B • Non linear Analysis - 204 B • Computer oriented numerical Methods (Multi disciplinary Course) - 405 • Business Mathematics II - 406(A)

BOS Chairman **HOD** **Member** **Member**

SRI VENKATESWARA UNIVERSITY, TIRUPATI.

DEPARTMENT OF MATHEMATICS

ertified that the syllabus of the following list of programs have been revised during the academ
!021-2022

S.No	Name of the Programme	Programme code	Name of Courses Revised
1.	M.Sc. Mathematics	MA 101	Algebra(Modification)
2	M.Sc. Mathematics	MA 103B	Linear Algebra
3.	M.Sc. Mathematics	MA104B	Lattice Theory
4.	M.Sc. Mathematics	MA 203B	Semi Group Theory
5.	M.Sc. Mathematics	MA 204B	Non linear Analysis
6.	M.Sc. Mathematics	MA 303B	Algebra Coding Theory
7.	M.Sc. Mathematics	MA 305	MAT-LAB(Development Course)
8.	M.Sc. Mathematics	MA 306B	Foundation of mathematical statistics
9.	M.Sc. Mathematics	MA 406A	Business Mathematics-II
10.	M.Sc. Applied Mathematics	AMA 103B	Viscous Flows
11.	M.Sc. Applied Mathematics	AMA 104B	Boundary Value Problems
12.	M.Sc. Applied Mathematics	AMA 204B	Magneto Hydro dynamics
13.	M.Sc. Applied Mathematics	AMA 204B	Non linear Methods
14.	M.Sc. Applied Mathematics	AMA 303B	Mathematical Methods
15	M.Sc. Applied Mathematics	AMA 405	Computer oriented numerical Methods(Multi di Course)
16	M.Sc. Applied Mathematics	AMA 305	MAT-LAB(Development Course)
17.	M.Sc. Applied Mathematics	AMA 306B	Foundation of mathematical statistics
18.	M.Sc. Applied Mathematics	AMA 406A	Business Mathematics-II

HEAD
DEPARTMENT OF MATHEMATICS
S.V.U. COLLEGE OF SCIENCES
S.V.UNIVERSITY, TIRUPATI

DEPARTMENT OF MATHEMATICS
S.V.U. COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR M.Sc. APPLIED MATHEMATICS (REGULAR) PROGRAMME TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

SYLLABUS
Choice Based Credit System (CBCS)
NEP-2020

SRI VENKATESWARA UNIVERSITY::TIRUPATI
S.V.U.COLLEGE OF SCIENCES
DEPARTMENT OF MATHEMATICS

(Syllabus common for SV University College and affiliated colleges offered P.G. Courses in SVU Area)
(Revised Scheme of Instruction and Examination, Syllabus etc., with effect from the Academic Years 2021-22 for I and II Semesters and 2022-23 for III and IV Semesters)

M.Sc. APPLIED MATHEMATICS

SCHEME OF INSTRUCTION AND EXAMINATION
Semester-I

Sl. no	Components of study	Code	Title of the course	Hrs / week	No. of Credits	Uni. Exams (Hour	IA	Seme-ster end exam	Total Marks
1.	Core	AMA 101	Methods of Applied Mathematics	6	4	3	20	80	100
2.	Core	AMA 102	Real Analysis	6	4	3	20	80	100
3.	Compulsory Foundation	AMA 103	A) Ordinary Differential Equations B) Viscous Flows	6 6	4	3	20	80	100
4.	Elective foundation	AMA 104	A) Numerical Methods B) Boundary Value Problems	6 6	4	3	20	80	100
5.	Theory	AMA 105	Complex Analysis	6	4	3	20	80	100
6.	Theory	AMA 106	Discrete Mathematics	6	4	3	20	80	100
			TOTAL	48	24		120	480	600

Semester-II

Sl. no	Components of study	Code	Title of the course	Hrs / week	No. of Credits	Uni. Exams (Hour	IA	Seme-ster end exam	Total Marks
1.	Core	AMA 201	Mathematical Modeling	6	4	3	20	80	100
2.	Core	AMA 202	Partial Differential Equations	6	4	3	20	80	100
3.	Compulsory Foundation	AMA 203	A) Topology B) Magneto Hydro Dynamics	6 6	4	3	20	80	100
4.	Elective foundation	AMA 204	A) Advanced Complex Analysis B) Nonlinear Analysis	6 6	4	3	20	80	100
5.	Theory	AMA 205	Measure and Integration	6	4	3	20	80	100
6.	Theory	AMA 206	Mathematical Statistics	6	4	3	20	80	100
			TOTAL	48	24		120	480	600

Semester-III

Sl. no	Components of study	Code	Title of the course	Hrs / week	No. of Credits	Uni. Exams (Hour	IA	Seme-ster end exam	Total Marks
1.	Core	AMA 301	Continuum Mechanics	6	4	3	20	80	100
2.	Core	AMA 302	Functional Analysis	6	4	3	20	80	100
3.	Generic Elective	AMA 303	A) Differential Geometry B) Mathematical Methods	6 6	4	3	20	80	100
4.	Course	AMA 304	Classical Mechanics	6	4	3	20	80	100
5.	Skill Oriented course	AMA 305	MAT-LAB	3T +18 P	4	3	20	80 (50T+ 30P)	100
6.	Open Elective (Other Departments)	AMA 306	A) Business Mathematics-I B) Foundation of Mathematical Statistics	6 6	4	3	20	80	100
TOTAL				45 T+ 18P	24		120	480	600

Semester-IV

Sl. no	Components of study	Code	Title of the course	Hr/ week	No. of Credits	Uni. Exams (Hour	IA	Seme-ster end exam	Total Marks
1.	Core	AMA 401	Number Theory	6	4	3	20	80	100
2.	Core	AMA 402	Fluid Dynamics	6	4	3	20	80	100
3.	Generic Elective	AMA 403	A) Graph Theory B) Approximation Theory	6 6	4	3	20	80	100
4.	Practical/ Course	AMA 404	Operations Research for Industry and Community Development	6	4	3	20	80	100
5.	Multi Disciplinary Course /Project Work	AMA 405	Computer Oriented Numerical Methods	3 T + 18 P	4	3	20	80 (50T+ 30P)	100
6.	Open Elective (Other Departments)	AMA 406	A) Business Mathematics-II B) Mathematics for Social Sciences	6 6	4	3	20	80	100
TOTAL				45 T + 18 P	24		120	480	600

BOARD OF STUDIES (BOS) MEETING

Held on 03-12-2021

The Board of studies in Microbiology meeting was held on 03-12-2021(by circulation) and unanimously resolved to revise the I Semester M.Sc. Microbiology and M.Sc. Industrial Microbiology syllabus for the academic year 2021-2022 onwards. As per the NEP 2020 guidelines.

MEMBERS PRESENT:

1) Prof. Ch. Paramageetham Dept. of Microbiology S.V. University TIRUPATI – 517 502.	Chairperson Board of studies	... Ch. Paramageetham
2) Prof. OVS. Reddy Dept. of Biochemistry S.V. University TIRUPATI – 517 502.	Member	... OVS Y
3) Prof. T. Vijaya Dept. of Botany S.V. University TIRUPATI – 517 502.	Member	...
4) Dr. J. Pramoda Kumari Dept. of Microbiology S.V. University TIRUPATI – 517 502.	Member	... Retired
5) Prof. J. Savitha Dept. of Microbiology Bangalore University BAMGALORE.	Member	... out of country
6) Prof. T. Rathnakumar Dept. of Botany Andhra University VISAKHAPATNAM.	Member	... Retired

Ch. Paramageetham.

SRI VENKATESWARA UNIVERSITY :: TIRUPATI

DEPARTMENT OF MICROBIOLOGY

Certified that the syllabus of the following list of programes have been revised during the academic year 2021-2022

Sl.No	Name of the Programme	Programme Code	Name of the courses Revised
1	M.Sc. Microbiology	MB	101: Introductory Microbiology
2		MB	102: Microbial Physiology
3		MB	103:Biochemistry
4		MB	104: Biophysics and Biostatistics
5		MB	105(Practical-I): Introductory Microbiology & Microbial Physiology
6		MB	106(Practical-II): Biochemistry & Biophysics and Biostatistics
7		MB	201: Molecular Biology
8		MB	202: Recombinant DNA technology
9		MB	203: Immunology
10		MB	204: Medical Microbiology
11		MB	205 (practical-I) :Molecular Biology and Recombinant DNA Technology
12		MB	206 (Practical-II):Immunology and Medical Microbiology

(p.t.o)

Venue: HOD Chamber Time:11:00 AM

Sl.No	Name of the Programme	Programme Code	Name of the courses Revised
13	M.Sc. Microbiology	MB	301: Bacteriology and Virology
14		MB	302: Agricultural Microbiology
15		MB	303: a) Industrial Microbiology b) Microbial Genomics and Proteomics
16		MB	304(Practical): Bacteriology and Virology and Agricultural Microbiology
17		MB	305: Food Microbiology
18		MB	306: a) Bioinformatics and Computers b) Systems Biology
19		MB	401: Molecular Cell biology and Technology
20		MB	402: Environmental Microbiology
21		MB	403: a) Pharmaceutical Microbiology b) Industrial based microbial clean Technology
22		MB	404(Practical): Molecular Cell biology and Technology and Environmental Microbiology
23		MB	405(Project): Field Trip/ Industrial Tour Report / Dissertation
24		MB	406: a) Bioethics, Biosafety and Intellectual property rights b) Microbial Production of Alcoholic beverages.

BOS Chairman
Chairman Board of Studies (PG)
MICROBIOLOGY
S. V. UNIVERSITY
TIRUPATI-517 502 A.P.

HOD
HEAD
DEPARTMENT OF MICROBIOLOGY
S.V.U.COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502

Member
Dr. Vijaya
Dept of Botany

Member
Dr. O.V.S. Reddy
Dept of Biochemistry

A TWO YEAR

MASTER OF SCIENCE IN MICROBIOLOGY

(Choice Based Credit System-semester system)

REVISED SCHEME OF INSTRUCTION & SYLLABUS

As per the action plan of

National Education Policy (NEP)-2020

(Effective from the batch of students admitted from the academic year 2021-2022)

DEPARTMENT OF MICROBIOLOGY

SRI VENKATESWARA UNIVERSITY:TIRUPATI

SRI VENKATESWARA UNIVERSITY::TIRUPATI
COLLEGE OF SCIENCES
M.SC.,MICROBIOLOGY SYLLABUS
CHOICE BASED CREDIT SYSTEM (CBCS) 2020 – 2021
DEPARTMENT OF MICROBIOLOGY

SEMESTER – I

Sl. No.	Components of Study	Course code	Title of the course	Credit hours/ week	No. of Credits	IA	SEEM	Total Marks
1	Core-Theory	MB-101	Introductory Microbiology	6	04	20	80	100
2	Core-Theory	MB-102	Microbial Physiology	6	04	20	80	100
3	Compulsory Foundation	MB-103	Biochemistry	6	04	20	80	100
4	Elective Foundation	MB-104	Biophysics and Biostatistics	6	04	20	80	100
5	Practical-I	MB-105	Introductory Microbiology & Microbial Physiology	6	04	-	100	100
6	Practical-II	MB-106	Biochemistry & Biophysics and Biostatistics	6	04	-	100	100
Total				36	24	80	520	600
7	Audit Course** (Self-Study)		**Human and Professional Ethics - I**	0	-	100	-	-

SEMESTER – II

Sl. No.	Components of Study	Course code	Title of the course	Credit hours/ week	No. of Credits	IA	SEEM	Total Marks
1	Core-Theory	MB-201	Molecular Biology	6	04	20	80	100
2	Core-Theory	MB-202	Recombinant DNA technology	6	04	20	80	100
3	Compulsory Foundation	MB-203	Immunology	6	04	20	80	100
4	Elective Foundation	MB-204	Medical Microbiology	6	04	20	80	100
5	Practical-I	MB-205	Molecular Biology and Recombinant DNA Technology	6	04	-	100	100
6	Practical-II	MB-206	Immunology and Medical Microbiology	6	04	-	100	100
Total				36	24	80	520	600
7	Audit Course** (Self-Study)			0	-	100	-	-

SEMESTER – III

Sl. No.	Components of Study	Course code	Title of the course	Credit hours/ week	No. of Credits	IA	SEEM	Total Marks
1	Core-Theory	MB-301	Bacteriology and Virology	6	04	20	80	100
2	Core-Theory	MB-302	Agricultural Microbiology	6	04	20	80	100
3	Generic Elective	MB-303	a) Industrial Microbiology b) Downstream processing Technology	6	04	20	80	100
4	Practical	MB-304	Bacteriology and Virology and Agricultural Microbiology	6	04	-	100	100
5	Skill Oriented Course	MB-305	Food and Diary Microbiology	6	04	20	80	100
6	Open Elective	MB-306	a) Computational biology b) Microbial genomics and proteomics	6	04	-	100	100
Total				36	24	80	520	600
7	Audit Course** (Self-Study)		**Online Courses from MOOS/ NPTEL**	0	-	100	-	-

Downstream Processing Technology

SEMESTER – IV

Sl. No.	Components of Study	Course code	Title of the course	Credit hours/ week	No. of Credits	IA	SEEM	Total Marks
1	Core-Theory	MB-401	Molecular Cell biology and Technology	6	04	20	80	100
2	Core-Theory	MB-402	Environmental Microbiology	6	04	20	80	100
3	Generic Elective	MB-403	a) Pharmaceutical Microbiology b) Industrial based microbial clean Technology	6	04	20	80	100
4	Practical	MB-404	Molecular Cell biology and Technology and Environmental Microbiology & elective	6	04	-	100	100
5	Project Work	MB-405	Field Trip/ Industrial Tour Report / Dissertation	6	04	20	80	100
6	Open Elective	MB-406	a) Bioethics, Biosafety and Intellectual property rights b) Microbial Production of Alcoholic beverages.	6	04	-	100	100
Total				36	24	80	520	600
7	Audit Course** (Self-Study)		**Online courses from MOOCs / NPTEL**	0	-	100	-	-

- All CORE Papers are Mandatory
- Generic Elective - Choose any one
- Project Work –In house/Research institutes, National laboratories, Central Universities
- Multi-disciplinary course is Mandatory.
- Skill based course Mandatory

BOARD OF STUDIES (BOS) MEETING

Held on 03-12-2021

The Board of studies in Microbiology meeting was held on 03-12-2021(by circulation) and unanimously resolved to revise the I Semester M.Sc. Microbiology and M.Sc. Industrial Microbiology syllabus for the academic year 2021-2022 onwards. As per the NEP 2020 guidelines.

MEMBERS PRESENT:

1) Prof. Ch. Paramageetham Dept. of Microbiology S.V. University TIRUPATI – 517 502.	Chairperson Board of studies	...	Ch. Paramageetham
2) Prof. OVS. Reddy Dept. of Biochemistry S.V. University TIRUPATI – 517 502.	Member	...	[illegible]
3) Prof. T. Vijaya Dept. of Botany S.V. University TIRUPATI – 517 502.	Member	...	[illegible]
4) Dr. J. Pramoda Kumari Dept. of Microbiology S.V. University TIRUPATI – 517 502.	Member	...	Retired
5) Prof. J. Savitha Dept. of Microbiology Bangalore University BAMGALORE.	Member	...	out of country
6) Prof. T. Rathnakumar Dept. of Botany Andhra University VISAKHAPATNAM.	Member	...	Retired

Ch. Paramageetham

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
DEPARTMENT OF MYCROBIOLOGY
M.Sc. INDUSTRIAL MICROBIOLOGY COURSE

Certified that the syllabus of the following list of programs have been revised during the academic year 2021-2022.

S. No.	Name of the Programme	Programme Code	Name of Courses Revised
1.	M.Sc. Industrial Microbiology	IMB	101- Introductory Microbiology
2.		IMB	102 - Microbial Physiology
3.		IMB	103 - Biochemistry
4.		IMB	104 - Biophysics and Biostatistics
5.		IMB	105 (P) - Introductory Microbiology & Microbial Physiology
6.		IMB	106 (P) - Biochemistry & Biophysics and Biostatistics
7.		IMB	201 - Molecular Biology
8.		IMB	202 - Recombinant DNA technology
9.		IMB	203 - Immunology
10.		IMB	204 - Medical Microbiology
11.		IMB	205 (P) - Molecular Biology and Recombinant DNA Technology
12.		IMB	206 (P) - Immunology and Medical Microbiology
13.		IMB	301 - Basics of Industrial Microbiology
14.		IMB	302 - Bioprocessing of Industrial Microorganisms
15.		IMB	303 - a) Pharmaceutical Microbiology b) Downstream Processing
16.		IMB	304 (P) - Basics of Industrial Microbiology and Bioprocessing of Industrial Microbiology
17.		IMB	305 - Industrial Food Microbiology
18.		IMB	306 - a) Computational Biology b) Industrial Biotechnology

(P.T.O)

19.	M.Sc. Industrial Microbiology	IMB	401 - Animal and plant cell culture
20.		IMB	402 - Industrial based Microbial clean technology
21.		IMB	403 - a) Industrial production of Microbial product b) Industrial Microbial Technology
22.		IMB	404 (P) - Animal and plant cell culture and Industrial based Microbial clean technology
23.		IMB	405 - Field Trip/ Industrial Tour Report / Dissertation
24.		IMB	406 - a) Bioethics, Biosafety and Intellectual property rights b) Microbial Production of Alcoholic beverages.

BOS CHAIRMAN

Chairman Board of Studies (PG)
MICROBIOLOGY
S. V. UNIVERSITY
TIRUPATI-517 502 A.P.

HOD

HEAD
DEPARTMENT OF MICROBIOLOGY
S.V.U.COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502

MEMBER

Dr. Vijaya
Dept of Botany

MEMBER

Dr. O.V.S. Reddy
Dept of Biochemistry

A TWO YEAR

MASTER OF SCIENCE IN INDUSTRIAL MICROBIOLOGY

(Choice Based Credit System-semester system)

REVISED SCHEME OF INSTRUCTION & SYLLABUS

As per the action plan of

National Education Policy (NEP)-2020

(Effective from the batch of students admitted from the academic year 2021-2022)

DEPARTMENT OF MICROBIOLOGY

SRI VENKATESWARA UNIVERSITY:TIRUPATI

PSO-5: Ability to designs aids in developing solutions for complex problems with appropriate consideration to the public health and safety, and the cultural, societal, and environmental considerations.

SRI VENKATESWARA UNIVERSITY::TIRUPATI

DEPARTMENT OF MICROBIOLOGY
M.Sc. INDUSTRIAL MICROBIOLOGY PROGRAMME

SEMESTER – I

Sl. No.	Components of Study	Course code	Title of the course	Credit hours/ week	No. of Credits	IA	SEEM	Total Marks
1	Core-Theory	IMB-101	Introductory Microbiology	6	04	20	80	100
2	Core-Theory	IMB-102	Microbial Physiology	6	04	20	80	100
3	Compulsory Foundation	IMB-103	Biochemistry	6	04	20	80	100
4	Elective Foundation	IMB-104	Biophysics and Biostatistics	6	04	20	80	100
5	Practical-I	IMB-105	Introductory Microbiology & Microbial Physiology	6	04	-	100	100
6	Practical-II	IMB-106	Biochemistry & Biophysics and Biostatistics	6	04	-	100	100
Total				36	24	80	520	600
7	Audit Course** (Self-Study)		**Human and Professional Ethics - I**	0	-	100	-	-

SEMESTER – II

Sl. No.	Components of Study	Course code	Title of the course	Credit hours/ week	No. of Credits	IA	SEEM	Total Marks
1	Core-Theory	IMB-201	Molecular Biology	6	04	20	80	100
2	Core-Theory	IMB-202	Recombinant DNA technology	6	04	20	80	100
3	Compulsory Foundation	IMB-203	Immunology	6	04	20	80	100
4	Elective Foundation	IMB-204	Medical Microbiology	6	04	20	80	100
5	Practical-I	IMB-205	Molecular Biology and Recombinant DNA Technology	6	04	-	100	100
6	Practical-II	IMB-206	Immunology and Medical Microbiology	6	04	-	100	100
Total				36	24	80	520	600
7	Audit Course** (Self-Study)		**Online Courses from MOOS/ NPTEL**	0	-	100	-	-

SEMESTER – III

Sl. No.	Components of Study	Course code	Title of the course	Credit hours/ week	No. of Credits	IA	SEEM	Total Marks
1	Core-Theory	IMB-301	Basics of Industrial Microbiology	6	04	20	80	100
2	Core-Theory	IMB-302	Bioprocessing of Industrial Microorganisms	6	04	20	80	100
3	Generic Elective	IMB-303	a) Pharmaceutical Microbiology b) Downstream Processing	6	04	20	80	100
3	Practical	IMB-304	Basics of Industrial Microbiology and Bioprocessing of Industrial Microbiology	6	04	-	100	100
4	Skill Oriented Course	IMB-305	Industrial Food Microbiology	6	04	20	80	100
5	Open Elective	IMB-306	a) Computational Biology b) Industrial Biotechnology	6	04		100	100
Total				36	24	80	520	600
7	Audit Course** (Self-Study)		**Online Courses from MOOS/ NPTEL**	0	-	100	-	-

SEMESTER – IV

Sl. No.	Components of Study	Course code	Title of the course	Credit hours/ week	No. of Credits	IA	SEEM	Total Marks
1	Core-Theory	IMB-401	Animal and plant cell culture	6	04	20	80	100
2	Core-Theory	IMB-402	Industrial based Microbial clean technology	6	04	20	80	100
3	Generic Elective	IMB-403	a) Industrial production of Microbial product b) Industrial Microbial Technology	6	04	20	80	100
3	Practical	IMB-404	Animal and plant cell culture and Industrial based Microbial clean technology	6	04	-	100	100
4	Project Work	IMB-405	Field Trip/ Industrial Tour Report / Dissertation	6	04	20	80	100
5	Open Elective	IMB-406	a) Bioethics, Biosafety and Intellectual property rights b) Microbial Production of Alcoholic beverages.	6	04		100	100
Total				36	24	80	520	600
7	Audit Course** (Self-Study)		**Online courses from MOOCs / NPTEL**	0	-	100	-	-

- All CORE Papers are Mandatory
- Generic Elective - Choose any one
- Project Work –In house/Research institutes, National laboratories, Central Universities
- Multi-disciplinary course is Mandatory.
- Skill based course Mandatory
- Open Electives are for the Students of other Departments. Minimum One paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study
- Interested students may register for MOOC with the approval of the concerned DDC

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF PHYSICS

The Board of Studies in Physics (PG) Meeting held on 28-12-2021 Tuesday at 10.30 A.M. in the Chambers of the Head, Dept. of Physics, SVU College of Sciences, Tirupati, to discuss the following agenda:

AGENDA

Discussion on the NEP-2020 Syllabus of M.Sc. Physics and M.Sc. Instrumentation, to be implemented from the academic year 2021-2022.

Members Present

1. Prof. S. Vijaya Bhaskara Rao Department of Physics S.V.U. College of Sciences TIRUPATI.	:	Chairman (BOS in Physics (PG)
2. The Head Department of Physics S.V.U. College of Sciences TIRUPATI.	:	Member
3. Prof. Y.C. Ratnakaram Department of Physics S.V.U. College of Sciences TIRUPATI.	:	Member
4. Prof. B. Deva Prasad Raju Department of Physics S.V.U. College of Sciences TIRUPATI.	:	Member
5. Prof. R.P. Vijayalakshmi Department of Physics S.V.U. College of Sciences TIRUPATI	:	Member
6. Prof. K. Krishna Reddy Dept. of Physics Yogi Vemana University K A D A P A.	:	External Member
7. Prof. DSVVD Prasad Dept. of Physics Andhra University VISAKHAPATNAM.	:	External member

RESOLUTION: The BOS has approved the NEP-2020 Syllabus of M.Sc. Physics and M.Sc. Instrumentation, to be implemented from the academic year 2021-2022 and to forward the same to the University.

1. 28/12/21
2. 28/12/21
3. 28.12.21.
4. 28/12/2021
5. 28.12.21
6. 28/12/21
7. 28/12/2021

SRI VENKATESWARA UNIVERSITY::TIRUPATI

DEPARTMENT OF PHYSICS

Certified that the syllabus of the following list of papers have been revised during the Academic Year 2021-2022

Name of the programme	Programme code	**Paper Code**	**Title of the Paper Revised**
M.Sc., Physics	**242**	PHY 103(a)	Analog and Digital Electronics
		PHY 103(b)	Computational Methods & C Language (**Introduced**)
		PHY 103(c)	Sensors and Transducers (**Introduced**)
		PHY 104(b)	Optical, Microwave and Satellite Communications (**Introduced**)
		PHY 104(c)	Computer Architecture and Networking (**Introduced**)
		PHY 203(a)	Nuclear Physics
		PHY203(b)	IC Frabrication Techniques (**Introduced**)
		PHY 203(c)	Advanced Microprocessor and its Applications (**Introduced**)
		PHY 204(a)	Mathematical Physics
		PHY 204(b)	Introduction to VLSI Design (**Introduced**)
		PHY 204(c)	Material Science for Industrial Applications (**Introduced**)
		PHY 301	Introductory Quantum Mechanics
		PHY 302	Physics of Semiconductor Devices
		PHY 303(a)	Applied Spectroscopy
		PHY 303(b)	Condensed Matter Physics
		PHY 303(c)	Embedded Systems
		PHY 305	Advances in Physics
		PHY 306(a)	Basic Spectroscopic Techniques (**Introduced**)
		PHY 306(b)	Nanomaterials and Devices (**Introduced**)
		PHY 401	Advanced Quantum Mechanics
		PHY 402	Physics of Advanced Materials (**Introduced**)
		PHY 403(a)	Photonics
		PHY 403(b)	Solar Energy-Thermal and Photovoltaic Properties
		PHY 403(c)	Vacuum and Thin Film Technology
		PHY 405	Advanced Characterization Techniques (**Introduced**)
		PHY 406(a)	Wireless Communications (**Introduced**)
		PHY 406(b)	Vacuum Technology and Applications (**Introduced**)

Prof. S. VIJAYA BHASKARA RAO
Chairman, BOS (PG) in Physics
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502, A.P.

BOS, Chairman

HOD

HEAD
DEPARTMENT OF PHYSICS
S.V.U. COLLEGE OF SCIENCES
TIRUPATI-517 502

Member

Member

Member

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF SCIENCES

DEPARTMENT OF PHYSICS

Syllabus for M.Sc. PHYSICS

Choice Based Credit System (CBCS)

Amended as per NEP-2020

(w.e.f. the Academic Year 2021-2022)

SRIVENKATESWARAUNIVERSITY::TIRUPATI
DEPARTMENTOFPHYSICS
TWO YEAR M.Sc. COURSE IN PHYSICS (2021-2022) SCHEME

Semester -I

S.No	Components of Study	Title of theCourse	Titleof thePaper	Credit Hrs /Week	No. ofCredits	IA Marks	SemEndMarks	Total
1.	**Mandatory Core**	PHY101	1.ClassicalMechanicsandTheoryof Relativity	6	4	20	80	100
2.		PHY102	2.Solid State Physics	6	4	20	80	100
3.	**Compulsory Foundation**	PHY103(a)	1.Analogand DigitalElectronics	6	4	20	80	100
		PHY103(b)	2.Computational Methods &C Language					
		PHY103(c)	3.Sensorsand Transducers					
4.	**ElectiveFoundation**	PHY104(a)	1.Atomicand MolecularPhysics	6	4	20	80	100
		PHY104(b)	2.Optical,Microwaveand SatelliteCommunications					
		PHY104(c)	3.ComputerArchitectureand Networking					
5.	**Practical-I**	PHY105	Paper1&3 (GeneralLab)	6	4	--	100	100
6.	**Practical-II**	PHY106	Paper3 &4 (ElectronicsLab)	6	4	--	100	100
	Total			36	24	80	520	600
7.	AuditCourse			0	0	100	0	0

*Allcorepapers areMandatory

- CompulsoryFoundation chooseonepaper.
- ElectiveFoundation–Chooseonepaper.
- Auditcourse-100Marks (Internals)ZeroCreditsunderself-study.
- Interested students may register for MOOC with the approval of the concerned DDC butitwillbeconsideredfortheaward ofthe gradeasopen electiveonlygivingextracredits.

S.No	Components of Study	Title of theCourse	Titleof thePaper	Credit Hrs/ Week	No. ofCredits	IA Marks	SemEndMarks	Total
1.	**Mandatory Core**	PHY201	1. StatisticalMechanics	6	4	20	80	100
2.		PHY202	2.EM Theory,Lasers& Modern Optics	6	4	20	80	100
3.	**Compulsory Foundation**	PHY203(a)	1.NuclearPhysics	6	4	20	80	100
		PHY203(b)	2.ICfabrication Techniques					
		PHY203(c)	3.AdvancedMicroprocessors and itsApplications					
4.	**ElectiveFoundation**	PHY204(a)	1.Mathematical Physics	6	4	20	80	100
		PHY204(b)	2.Introductionto VLSIdesign					
		PHY204(c)	3.MaterialScience ForIndustrial Applications					
5.	**Practical-I**	PHY205	Paper1&3 (GeneralLab)	6	4	--	100	100
6.	**Practical-II**	PHY206	Paper3&4 (ElectronicsLab)	6	4	--	100	100
	Total			36	24	80	520	600
7.	AuditCourse			0	0	100	0	0

*Allcorepapers areMandatory

- CompulsoryFoundation chooseonepaper.
- ElectiveFoundation–Chooseonepaper.
- Auditcourse-100Marks (Internals)ZeroCreditsunderself-study.
- Interested students may register for MOOC with the approval of the concerned DDC butitwillbeconsideredfortheawardofthe grade asopenelectiveonlygiving extracredits.

S.No	Components of Study	Title of theCourse	Title of thePaper	Credit Hrs/ Week	No. ofCredits	IA Marks	Sem EndMarks	Total
1.	**Mandatory Core**	PHY301	1.Introductory QuantumMechanics	6	4	20	80	100
2.		PHY302	2.Physics ofSemiconductor Devices	6	4	20	80	100
3.	**Generic Elective**	PHY303(a)	1.Applied Spectroscopy	6	4	20	80	100
		PHY303(b)	2.Condensed MatterPhysics					
		PHY303(c)	3.Embedded Systems					
4.	**Practicals**	PHY304	ElectiveLab	6	4	--	100	100
5.	**Skill Oriented Course**	PHY305	Advances inPhysics	6	4	10	90(T40 +P50)	100
6.	**Open Elective**	PHY306(a)	1.Basic Spectroscopic Techniques	6	4	20	80	100
		PHY306(b)	1. Nanomaterials andDevices					
	Total			36	24	90	510	600

*Allcorepapers areMandatory

- GenericElective– Choosetwo
- Corepapers andGenericElectives optedpaperheldPractical-I
- SkillOrientedCourseis Mandatory. Relevantsocietyalongwithpractical(10marksinternal40 final theory& 50 for practical's).
- OpenElectivesareforthestudentsof otherDepartments.Minimum onepapershouldbeopted. Extra credits may be earned by opting for more number of open electivesdependingon the interestof thestudent throughself-study.
- Interestedstudents mayregisterfor MOOC withthe approval oftheconcerned DDC.

S.No	Components ofstudy	Title of theCourse	Title of thePaper	Credit Hrs/ Week	No. ofCredits	IA Marks	Sem EndMarks	Total
1.	**Mandatory Core**	PHY401	1.Advanced QuantumMechanics	6	4	20	80	100
2.		PHY402	2.Physicsof Advanced Materials	6	4	20	80	100
3.	**Generic Elective**	PHY403(a)	1.Photonics	6	4	20	80	100
		PHY403(b)	2.SolarEnergy-Thermal andPhotovoltaic Properties					
		PHY403(c)	3.Vacuumand ThinFilm Technology					
4.	**Practicals**	PHY404	ElectiveLab	6	4	--	100	100
5.	**Multi Disciplinary Course/ProjectWork**	PHY405	Advanced Characterization Techniques	6	4	10	90(T 40+P 50)	100
6.	**OpenElective**	PHY406(a)	1.Wireless Communications	6	4	20	80	100
		PHY406(b)	2. VacuumTechnology& Applications					
	Total			36	24	90	510	600

*AllcorepapersareMandatory

- GenericElective –Choosetwo
- CorepapersandGenericElectivesoptedpaperheldPractical-II.
- ProjectWork-Collaborationwithvariousfirms/companies/societies.
- Multi-Disciplinary CourseisMandatory.Circleformationwithothersubjects/Dept.ofArts/Commerce.
- Open Electives are for the students of other Departments. Minimum one paper should be opted.Extra credits may be earned by opting for more number of open electives depending on theinterest of the studentthroughself-study.
- Interestedstudentsmayregisterfor MOOCwith theapproval oftheconcerned DDC.

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF PHYSICS

The Board of Studies in Physics (PG) Meeting held on 28-12-2021 Tuesday at 10.30 A.M. in the Chambers of the Head, Dept. of Physics, SVU College of Sciences, Tirupati, to discuss the following agenda:

AGENDA

Discussion on the NEP-2020 Syllabus of M.Sc. Physics and M.Sc. Instrumentation, to be implemented from the academic year 2021-2022.

Members Present

1. Prof. S. Vijaya Bhaskara Rao Department of Physics S.V.U. College of Sciences TIRUPATI.	:	Chairman (BOS in Physics (PG)
2. The Head Department of Physics S.V.U. College of Sciences TIRUPATI.	:	Member
3. Prof. Y.C. Ratnakaram Department of Physics S.V.U. College of Sciences TIRUPATI.	:	Member
4. Prof. B. Deva Prasad Raju Department of Physics S.V.U. College of Sciences TIRUPATI.	:	Member
5. Prof. R.P. Vijayalakshmi Department of Physics S.V.U. College of Sciences TIRUPATI	:	Member
6. Prof. K. Krishna Reddy Dept. of Physics Yogi Vemana University K A D A P A.	:	External Member
7. Prof. DSVVD Prasad Dept. of Physics Andhra University VISAKHAPATNAM.	:	External member

RESOLUTION: The BOS has approved the NEP-2020 Syllabus of M.Sc. Physics and M.Sc. Instrumentation, to be implemented from the academic year 2021-2022 and to forward the same to the University.

1. 28/12/21
2. 28/12/21
3. 28.12.21.
4. 28/12/2021
5. 28.12.21
6. 28/12/21
7. 28/12/2021

SRI VENKATESWARA UNIVERSITY::TIRUPATI

UNIVERSITY SERVICES AND INSTRUMENTATION CENTRE

Certified that the syllabus of the following list of papers have been revised during the Academic Year 2021-2022

Name of the programme	Programme code	**Paper Code**	**Title of the Paper Revised**
M.Sc., INSTRUMENTATION	**243**	INS 103(a)	Digital Techniques and Principles of Communications
		INS 103(b)	Power Electronics **(Introduced)**
		INS 103(c)	Industrial Product Instrumentation **(Introduced)**
		INS 104(b)	Renewable Sources of Energy **(Introduced)**
		INS 104(c)	Opto Electronics **(Introduced)**
		INS 203(a)	Sensors, Signal Conditioners and Recorders
		INS203b	Network Analysis
		INS 203(c)	Basics of Spectroscopy Instrumentation **(Introduced)**
		INS 204(a)	Microprocessors and Interfacing
		INS 204(b)	Robotics **(Introduced)**
		INS 204(c)	Test and Measuring Instruments**(Introduced)**
		INS 301	Scientific/Analytical Instrumentation
		INS 302	Industrial Instrumentation
		INS 303(a)	Biomedical Instrumentation
		INS 303(b)	MEMS
		INS 303(c)	Instrumentation for Environmental Engineering
		INS 305	Microcontroller and Digital Signal Processing
		INS 306(a)	Computer Architecture and Organization
		INS 306(b)	Geo Physical Instrumentation **(Introduced)**
		INS 401	VLSI System Design
		INS 402	Embedded Systems **(Introduced)**
		INS 403(a)	Programmable Logic Controllers
		INS 403(b)	Basic Mathematical Techniques
		INS 403(c)	Electrical Engineering Materials
		INS 406(a)	Agro Based Instrumentation
		INS 406(b)	Industrial Automation(Introduced)

BOS, Chairman

Prof. S. VIJAYA BHASKARA RAO
Chairman, BOS (PG) in Physics
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502, A.P.

HOD

HEAD
DEPARTMENT OF PHYSICS
S.V.U. COLLEGE OF SCIENCES
TIRUPATI-517 502

Member

Member

Member

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF SCIENCES

DEPARTMENT OF USIC

Syllabus for M.Sc. INSTRUMENTATION

Choice Based Credit System(CBCS)

Amended as per NEP-2020

(w.e.f. the Academic Year 2021-2022)

SRI VENKATESWARAUNIVERSITY::TIRUPATI

DEPARTMENT OF INSTRUMENTATION

TWO YEAR M.Sc. COURSE IN INSTRUMENTATION (2021-2022)

COURSE STRUCTURE AND EXAMINATION SCHEME

Semester -I : OVERVIEW

S.No	Components of Study	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	Sem End Marks	Total
1.	**Mandatory Core**	INS – 101	1.Introduction to Instrumentation and Control System	6	4	20	80	100
2.		INS – 102	2. Analog Devices and Industrial Electronics	6	4	20	80	100
3.	**Compulsory Foundation**	INS - 103(a)	1. Digital Techniques and Principles of Communications	6	4	20	80	100
		INS - 103(b)	2. Power Electronics					
		INS - 103(c)	3. Industrial Product Instrumentation					
4.	**Elective Foundation**	INS - 104 (a)	1. Programming in "C"	6	4	20	80	100
		INS - 104 (b)	2. Renewable Sources of Energy					
		INS -104 (c)	3. Opto Electronics					
5.	**Practical –I**	INS - 105	Paper 1& 3 (Analog and Digital Electronics Lab)	6	4	--	100	100
6.	**Practical-II**	INS – 106	Paper 3 &4 (" C " Programs Lab)	6	4	--	100	100
	Total			36	24	80	520	600
7.	Audit Course			0	0	100	0	0

*All core papers are Mandatory

- Compulsory Foundation choose one paper.
- Elective Foundation – Choose one paper.
- Audit course-100 Marks (Internals) Zero Credits under self-study.
- Interested students may register for MOOC with the approval of the concerned DDC butit will be considered for the award of the grade as open elective only giving extra credits.

Semester – II: OVERVIEW

S.No	Components of Study	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	Sem End Marks	Total
1.	**Mandatory Core**	INS – 201	1.Industrial Instrumentation	6	4	20	80	100
2.		INS – 202	2. Electronic Instrumentation	6	4	20	80	100
3.	**Compulsory Foundation**	INS - 203(a)	1. Sensors and Signal Conditioners	6	4	20	80	100
		INS - 203(b)	2.Network Analysis					
		INS - 203(c)	3. Spectroscopic Instrumentation					
4.	**Elective Foundation**	INS - 204(a)	1.Microprocessors and Interfacing	6	4	20	80	100
		INS - 204(b)	2. Robotics					
		INS - 204(c)	3. Electronic Measurement Instruments					
5.	**Practical -I**	INS – 205	Paper 1& 3 (Transducers Lab)	6	4	--	100	100
6.	**Practical-II**	INS – 206	Paper 3 & 4 (Microprocessors Lab)	6	4	--	100	100
	Total			36	24	80	520	600
7.	Audit Course			0	0	100	0	0

*All core papers are Mandatory

- Compulsory Foundation choose one paper.
- Elective Foundation – Choose one paper.
- Audit course-100 Marks (Internals) Zero Credits under self-study.
- Interested students may register for MOOC with the approval of the concerned DDC butit will be considered for the award of the grade as open elective only giving extra credits.

Semester – III: OVERVIEW

S.No	Components of Study	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	Sem End Marks	Total
1.	Mandatory Core	INS – 301	1.Analytical Instrumentation	6	4	20	80	100
2.		INS – 302	2.Digital Signal Processing	6	4	20	80	100
3.	Generic Elective	INS - 303(a)	1. Biomedical Instrumentation	6	4	20	80	100
		INS - 303(b)	2. Micro Electro Mechanical Systems					
		INS - 303(c)	3. Instrumentation for Environmental Science					
4.	Practicals	INS – 304	Analytical Instrumentation Lab	6	4	--	100	100
5.	Skill Oriented Course	INS – 305	Microcontrollers and Interfacing	6	4	10	90 (T40 +P50)	100
6.	Open Elective	INS - 306(a)	1. Computer Architecture and Organization	6	4	20	80	100
		INS - 306(b)	1. Industrial Organization and Management					
	Total			36	24	90	510	600

*All core papers are Mandatory

- Generic Elective – Choose two
- Core papers and Generic Electives opted paper held Practical-I
- Skill Oriented Course is Mandatory. Relevant society along with practical (10marks internal 40 final theory & 50 for practical's).
- Open Electives are for the students of other Departments. Minimum one paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self-study.
- Interested students may register for MOOC with the approval of the concerned DDC.

Semester – IV: OVERVIEW

S.No	Components of study	Title of the Course	Title of the Paper	Credit Hrs/ Week	No. of Credits	IA Marks	Sem End Marks	Total
1.	Mandatory Core	INS - 401	1.Introduction to VLSI Circuits	6	4	20	80	100
2.		INS – 402	2.Embedded Systems and Real time Operating Systems	6	4	20	80	100
3.	Generic Elective	INS - 403(a)	1. Programmable Logic Controllers	6	4	20	80	100
		INS - 403(b)	2.Computational Mathematics					
		INS - 403(c)	3. Electrical Engineering Materials					
4.	Practicals	INS – 404	VLSI Lab	6	4	--	100	100
5.	Multi Disciplinary Course/ Project Work	INS – 405	Project Work	6	4	--	--	100
6.	Open Elective	INS - 406(a)	1. Agro Based Instrumentation	6	4	20	80	100
		INS - 406(b)	2.Industrial Automation					
	Total			36	24	90	510	600

*All core papers are Mandatory

- Generic Elective – Choose two
- Core papers and Generic Electives opted paper held Practical-II.
- Project Work- Collaboration with various firms/companies/societies.
- Multi-Disciplinary Course is Mandatory. Circle formation with other subjects/Dept. ofArts/Commerce.
- Open Electives are for the students of other Departments. Minimum one paper should be opted.Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self-study.
- Interested students may register for MOOC with the approval of the concerned DDC.

SRI VENKATESWARA UNIVERSITY: TIRUPATI
S.V.U. COLLEGE OF SCIENCES
DEPARTMENT OF PHYSICS

Syllabus for M.Sc.ELECTRONICS
Choice Based Credit System (CBCS)
Amended as per NEP 2020
(w.e.f. the academic year 2021-2022)

SRIVENKATESWARAUNIVERSITY : TIRUPATI
DEPARTMENTOFPHYSICS
TWO YEAR M.Sc. COURSE IN ELECTRONICS (2021-2022) SCHEME

Semester – I

Sl. No	Components of Study	Course code	Title of the Paper	Instruction hours per week	Credits	Internal Assess-ment Marks	End Semester Exams Marks	Total Marks
1.	Core-Theory	ELE-101	Analog Integrated Circuits and Applications	6	4	20	80	100
2.	Core-Theory	ELE-102	Digital Integrated Circuits and Applications	6	4	20	80	100
3.	Compulsory Foundation	ELE-103 (a)	Programming in C with data structures	6	4	20	80	100
		ELE-103 (b)	Python Programming					
		ELE-103 (c)	Programming in Matlab					
4.	Elective Foundation	ELE-104 (a)	Mathematical Methods of Signal & System analysis	6	4	20	80	100
		ELE-104 (b)	Optical Communications					
		ELE-104 (c)	Wireless communications					
5.	Core-Practical	ELEP-105	Analog and Digital IC's (Lab)	6	4	20	80	100
6.	Core-Practical	ELEP-106	Programming in C (Lab)	6	4	20	80	100
			Total:	36	24	120	480	600

All Core papers are Mandatory
Compulsory Foundation – Choose one paper
Elective Foundation – Choose one paper

Semester – II

Sl. No	Components of Study	Course code	Title of the Paper	Instruction hours per week	Credits	Internal Assess-ment Marks	End Semester Exams Marks	Total Marks
1.	Core-Theory	ELE-201	Advanced Microprocessors and Microcomputers	6	4	20	80	100
2.	Core-Theory	ELE-202	Digital Communications	6	4	20	80	100
3.	Compulsory Foundation	ELE-203(a)	Semiconductor Materialsand Devices	6	4	20	80	100
		ELE-203(b)	Sensors and Transducers					
		ELE-203(c)	Atmospheric and Space Instrumentation Techniques					
4.	Elective Foundation	ELE-204 (a)	Control Systems	6	4	20	80	100
		ELE-204 (b)	Medical Instrumentation					
		ELE-204 (c)	Data Mining and Information Security					
5.	Core-Practical	ELEP-205	8086 Microprocessor (Lab)	6	4	20	80	100
6.	Core-Practical	ELEP-206	Digital Communications (Lab)	6	4	20	80	100
			Total:	36	24			600

All Core papers are Mandatory
Compulsory Foundation – Choose one paper
Elective Foundation – Choose one paper

Semester – III

Sl. No	Core/Elective	Course code	Title of the Paper	Instruction hours per week	Credits	Internal Assessment Marks	End Semester Exams Marks	Total Marks
1.	Core-Theory	ELE-301	Digital Signal Processing	6	4	20	80	100
2.	Core-Theory	ELE-302	Digital system Design-VHDL	6	4	20	80	100
3.	Generic Elective	ELE-303(a)	Microcontrollers and Applications	6	4	20	80	100
		ELE-303(b)	Computer organization					
		ELE-303(c)	Digital Image Processing					
4.	Core-Practical	ELEP-304	Digital Signal Processing (Lab)	6	4	20	80	100
5.	Skill Oriented Course	ELE-305	Peripheral interface controllers VHDL &Microcontrollers (Lab) (Hands on training)	6	4	10	90 (40+50)	100
6.	Open Elective	ELE-306 (a)	Microprocessors, PC Hardware and Interfacing	6	4	20	80	100
		ELE-306 (b)	Satellite Communications					
			Total:	36	24	110	490	600

All Core papers are Mandatory
Generic Elective - Choose one paper
Skill Oriented Course is Mandatory (10 marks for Internal, 40 marks for final theory, & 50 marks for Practicals)

Semester – IV

Sl. No	Core/Elective	Course code	Title of the Paper	Instruction hours per week	Credits	Internal Assessment Marks	End Semester Exams Marks	Total Marks
1.	Core-Theory	ELE-401	Advanced CommunicationSystems	6	4	20	80	100
2.	Core-Theory	ELE-402	Introduction to VLSI circuits	6	4	20	80	100
3.	Generic Elective	ELE-403(a)	Data Communications and Networking	6	4	20	80	100
		ELE-403(b)	Industrial Electronics					
		ELE-403 (c)	EMI and EMC					
4.	Core-Practical	ELEP-404P	Communication (Lab)	6	4	---	100	100
5.	**Multi Disciplinary Course/ Project work**	ELE-405	Internet of Things/ Project Work	6	4	20	80	100
6.	**Open Elective**	ELE-406 (a)	Embedded systems with PIC Microcontrollers	6	4	20	80	100
		ELE-406 (b)	Microwaves					
			Total:	36	24	80	520	600

All Core papers are Mandatory
Generic Elective - Choose one paper
MultiDisciplinary Course/Project is Mandatory

(MandatoryCore)

SRI VENKATESWARA UNIVERSITY::TIRUPATI
DEPARTMENT OF PHYSICS

Certified that the syllabus of the following list of papers have been revised during the Academic Year 2021-2022

Name of the programme	Programme code	**Paper Code**	**Title of the Paper Revised**
M.Sc. Electronics	**250**	ELE 101	Analog Integrated Circuits and Applications
		ELE-102	Digital Integratd Circuits and Applications
		ELE 103(a)	Programming in C with Data Structures
		ELE 103(b)	Python Programming **(Introduced)**
		ELE 103(c)	Programming in Matlab **(Introduced)**
		ELE 104(a)	Signal & System Analysis
		ELE 104(b)	Optical Communications
		ELE 104(c)	Wireless Communications **(Introduced)**
		ELE 202	Digital Communications
		ELE 203(b)	Sensors and Transducers **(Introduced)**
		ELE 203(c)	Atmospheric and Space Instrumentation Techniques **(Introduced)**
		ELE 204(a)	Control Systems **(Introduced)**
		ELE 204(b)	Bio-Medical Instrumentation**(Introduced)**
		ELE 204(c)	Data Mining and Information Security **(Introduced)**
		ELE 303(a)	Microcontrollers and Applications
		ELE 303(c)	Digital Image Processing **(Introduced)**
		ELE 305	Peripheral Interface Controller **(Introduced)**
		ELE 306(a)	Microprocessors, PC Hardware and Interfacing **(Introduced)**
		ELE 306(b)	Satellite Communications **(Introduced)**
		ELE 402	Introduction to VLSI Circuits
		ELE 403(b)	Industrial Electronics **(Introduced)**
		ELE 403(c)	EMI & EMC **(Introduced)**
		ELE 405	Interet of Things **(Introduced)**
		ELE 406 (a)	Embedded Systems with PIC microcontrollers**(Introduced)**
		ELE 406 (b)	Microwaves

BOS Chairman | HOD | Member | Member | Member | Member

Prof. S. VIJAYA BHASKARA RAO
Chairman, BOS (PG) in Physics
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502, A.P.

HEAD
DEPARTMENT OF PHYSICS
S.V.U. COLLEGE OF SCIENCES
TIRUPATI-517 502

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SRI VENKATESWARA UNIVERSITY
S.V.U. COLLEGE OF SCIENCES : : TIRUPATI
DEPARTMENT OF PSYCHOLOGY

Minutes of the Board of Studies Meeting:

Meeting held in Department of Psychology, Sri Venkateswara University, Tirupati at HOD Chamber dated: 27-11-2021 on 11.00 am

Agenda:
1. Finalization of Syllabus for M.Sc., Psychology / Counseling Psychology for its introduction from the academic year 2021-22.
2. Any other item.

Resolutions:

The M.Sc., Psychology / Counseling Psychology syllabus prepared as per outcome based education (OBE) according to NEP-2020 has been discussed and by following the suggestions/Improvements were incorporated as suggested by members of BOS and External Experts.

Course curriculum contents were discussed at length and M.Sc., Psychology / Counseling Psychology programme syllabus was drafted.

Resolved to recommended the following papers are Ist & IInd semesters are common for Regular and Counseling Psychology, IIIrd & IVth semester courses are separate for M.Sc., Psychology & Counseling Psychology (SS)

M.Sc., Psychology (R)	**Counseling Psychology (SS)**
General Psychology-I PSY-101 (Modification) Psychopathology-I PSY-103 (Modification) Psychological Measurements-I PSY-104 (Modification) Lifespan Developmental Psychology - Infancy to Adolescence PSY-301 (Modification) Inter Personal Communication Skills PSY-306 b (Skill Development course)	Counselling in Organizational Settings PSY-303b (New course) Counselling in Hospital Settings PSY-403a (New course) Counselling in Community Settings PSY-403b (New course) Stress Management & Counselling Psychology 405 (Skill Development Course)

Based on the above considerations, the BOS members unanimously resolved to approve and recommended the Revised Syllabus with effect from the academic year 2021-22.

Signatures :

Sl. No.	Name of the Faculty Members	Signature
1	Prof. K. Chandraiah (BOS)	
2	Prof. V. Srikanth Reddy (HOD)	
3	Dr. S. Viswanatha Reddy (Member)	

SRI VENKATESWARA UNIVERSITY : : TIRUPATI
DEPARTMENT OF PSYCHOLOGY

Certified that the syllabus of the following list of programs have been revised during the academic year 2021-2022

M.Sc., PSYCHOLOGY (R)

Sl. No.	Name of the Programme	Program code	Name of the Course Revised
1.	M.Sc., Psychology (R)	PSY 104a	Child Development Psychology
2.	M.Sc., Psychology (R)	PSY 104b	Psychological Measurement & Statistics
3.	M.Sc., Psychology (R)	PSY 104c	Forensic Psychology
4.	M.Sc., Psychology (R)	PSY 105p	General Psychology-I
5.	M.Sc., Psychology (R)	PSY 105p	Psychological Measurement
6.	M.Sc., Psychology (R)	PSY 201c	Psycho-Diagnosis
7.	M.Sc., Psychology (R)	PSY 204a	Lifespan Development Psychology: Infancy to Adolescence
8.	M.Sc., Psychology (R)	PSY 204b	Consumer Behavior
9.	M.Sc., Psychology (R)	PSY 204c	Industrial and Organizational Psychology
10.	M.Sc., Psychology (R)	PSY 205p	General Psychology and Psychopathology
11.	M.Sc., Psychology (R)	PSY 206p	Psycho-diagnosis and Industrial & Organizational Psychology
12.	M.Sc., Psychology (R)	PSY 303b	Therapeutic Approaches in Counseling
13.	M.Sc., Psychology (R)	PSY 304p	Counseling Psychology and Therapeutic Approaches
14.	M.Sc., Psychology (R)	PSY 403a	Research Methodology-
15.	M.Sc., Psychology (R)	PSY 403b	Organizational Development
16.	M.Sc., Psychology (R)	PSY 404p	Core & Generic Elective
17.	M.Sc., Psychology (R)	PSY 405T&P	Project work

Certified that the syllabus of the following list of programs have been revised during the academic year 2021-2022

M.Sc., COUNSELING PSYCHOLOGY (Self-Supporting)

1.	M.Sc., Counseling Psychology (SS)	CPSY 303a	Therapeutic Approaches in Counselling-I
2.	M.Sc., Counseling Psychology (SS)	CPSY 303b	Counselling in Organizational Settings
3.	M.Sc., Counseling Psychology (SS)	CPSY 303c	Health Psychology
4.	M.Sc., Counseling Psychology (SS)	CPSY 304p	Core & Generic Elective
5.	M.Sc., Counseling Psychology (SS)	CPSY 305 s.o.	Stress Management & Counselling Psychology Theory & Practical
6.	M.Sc., Counseling Psychology (SS)	CPSY403a	Counselling in Hospital Settings
7.	M.Sc., Counseling Psychology (SS)	CPSY403b	Counselling in Community Settings
8.	M.Sc., Counseling Psychology (SS)	CPSY403 c	Counselling the Family
9.	M.Sc., Counseling Psychology (SS)	CPSY404 p	Core & Generic Elective
10.	M.Sc., Counseling Psychology (SS)	CPSY405 p.w.	Through allotment (Theory and Practice) Project work

BOS Chairman
CHAIRMAN
Board of Studies in Psychology (Combined)
Sri Venkateswara University
TIRUPATI

HOD
HEAD
DEPT. OF PSYCHOLOGY
S.V. UNIVERSITY
TIRUPATI

Member

Member

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI

SVU COLLEGE OF SCIENCES
MASTER OF SCIENCES
P.G. Degree Programme (CBCS) Regularations-2016
Amended as per NEP-2020

(with effect from the batch admitted in the academic year 2021-22)
CHOICE BASED CREDIT SYSTEM (CBCS)
First and Second Semester are Common for M.Sc. Psychology and M.Sc. Counseling Psychology (Self Supporting)

(NEW SYLLABUS)

DEPARTMENT OF PSYCHOLOGY

S.V.U. COLLEGE OF SCIENCES

SRI VENKATESWARA UNIVERSITY : : TIRUPATI

SRI VENKATESWARA UNIVERSITY : : TIRUPATI
SVU COLLEGE OF SCIENCES
MASTER OF SCIENCES
P.G. Degree Programme (CBCS) Regularations-2016
Amended as per NEP-2020

(with effect from the batch admitted in the academic year 2021-22)
CHOICE BASED CREDIT SYSTEM (CBCS)
First and Second Semester are Common for M.Sc. Psychology and M.Sc. Counseling Psychology (Self Supporting)

(NEW SYLLABUS)
M.Sc. (Psychology) Degree Course
First Semester : SEMESTER-I

Semester-I

Sl. No.	Course Code	Title of the Course	Core / Foundation / Elective	Hours of Teaching	No. of Credits	Marks		Total
				Theory Practical		IA	SEE	
1.	PSY 101	General Psychology-I (CC)	Core	6	4	20	80	100
2.	PSY 102	Social Psychology (CC)		6	4	20	80	100
3.	PSY 103	a. Psychopathology-I (CF) b. Psychological Measurement-I(CF) c. Positive Psychology (CF)	Compulsory Foundation	6	4	20	80	100
4.	PSY 104	a. Child Development Psychology b. Psychological Measurement & Statistics c. Forensic Psychology		6	4	20	80	100
5.	PSY 105	Paper 1 & 3	Practical-I	6	4	--	--	100
6.	PSY 106	Paper 3 & 4	Practical-II	6	4	--	--	100
			Total	36	24	120	480	600

Semester-II

Sl. No.	Course Code	Title of the Course	Core / Foundation / Elective	Hours of Teaching	No. of Credits	Marks		Total
				Theory Practical		IT	SEE	
1.	PSY 201	General Psychology -II (CC)	Core	6	4	20	80	100
2.	PSY 202	Applied Social Psychology-(CC)		6	4	20	80	100
3.	PSY 203	a. Psychopathology-II(CF) b. Psycho-Diagnosis (CF) c. Computer Application in Psychological Research-(CF)	Compulsory Foundation	6	4	20	80	100
4.	PSY 204	a. Life Span Development Psychology : Infancy to Adolescence (Prenatal to Adolescents) b. Consumer Behavior c. Industrial & Organizational Psychology	Elective Foundation	6	4	20	80	100
5.	PSY 205	Paper 1 & 3	Practical-I	6	4	--	--	100
6.	PSY 206	Paper 3 & 4	Practical-II	6	4	--	--	100
			Total	36	24	120	480	600

Semester-III

Sl. No.	Course Code	Title of the Course	Core / Foundation / Elective	Hours of Teaching	No. of Credits	Marks		Total
				Theory Practical		IT	SEE	
1.	PSY 301	Counseling Psychology (CC)	Core	6	4	20	80	100
2.	PSY 302	Psychology of Personality (CC)		6	4	20	80	100
3.	PSY 303	a. Organizational Behavior & HRM (GE) b. Therapeutic Approaches in Counseling-I c. Health Psychology(GE)	Generic Elective	6	4	20	80	100
4.	PSY 304	Core & Generic Elective	Practicals	6	4	--	--	100
5.	PSY 305	Stress Management Theory & Practical	Skill Oriented	6	4	10	90 (40+50)	100
6.	PSY 306	Personality Development (OE)	Open Elective	6	4	20	80	100

			Total	36	24	120	480	600

Semester-IV

Sl. No.	Course Code	Title of the Course	Core / Foundation / Elective	Hours of Teaching	No. of Credits	Marks		Total
				Theory Practical		IT	SEE	
1.	PSY 401	Therapeutic Approaches in Counseling-II(CC)	Core	6	4	20	80	100
2.	PSY 402	Theories of Personality (CC)		6	4	20	80	100
3.	PSY 403	a. Research Methodology-(GE) b. Organizational Development (GE) c. Rehabilitation Psychology (GE)	Generic Elective	6	4	20	80	100
4.	PSY 404	Core & Generic Elective	Practicals	6	4	--	--	100
5.	PSY 405	As per allotment (Theory and Practice)	Project work	6	4	--	--	100
6.	PSY 406	Life Skills (OE)	Open Elective	6	4	20	80	100
			Total	36	24	80	320	600

SRI VENKATESWARA UNIVERSITY
S.V.U. COLLEGE OF SCIENCES : : TIRUPATI
DEPARTMENT OF PSYCHOLOGY

Minutes of the Board of Studies Meeting:

Meeting held in Department of Psychology, Sri Venkateswara University, Tirupati at HOD Chamber dated: 27-11-2021 on 11.00 am

Agenda:
1. Finalization of Syllabus for M.Sc., Psychology / Counseling Psychology for its introduction from the academic year 2021-22.
2. Any other item.

Resolutions:

The M.Sc., Psychology / Counseling Psychology syllabus prepared as per outcome based education (OBE) according to NEP-2020 has been discussed and by following the suggestions/Improvements were incorporated as suggested by members of BOS and External Experts.

Course curriculum contents were discussed at length and M.Sc., Psychology / Counseling Psychology programme syllabus was drafted.

Resolved to recommended the following papers are Ist & IInd semesters are common for Regular and Counseling Psychology, IIIrd & IVth semester courses are separate for M.Sc., Psychology & Counseling Psychology (SS)

M.Sc., Psychology (R)	**Counseling Psychology (SS)**
General Psychology-I PSY-101 (Modification) Psychopathology-I PSY-103 (Modification) Psychological Measurements-I PSY-104 (Modification) Lifespan Developmental Psychology - Infancy to Adolescence PSY-301 (Modification) Inter Personal Communication Skills PSY-306 b (Skill Development course)	Counselling in Organizational Settings PSY-303b (New course) Counselling in Hospital Settings PSY-403a (New course) Counselling in Community Settings PSY-403b (New course) Stress Management & Counselling Psychology 405 (Skill Development Course)

Based on the above considerations, the BOS members unanimously resolved to approve and recommended the Revised Syllabus with effect from the academic year 2021-22.

Signatures :

Sl. No.	Name of the Faculty Members	Signature
1	Prof. K. Chandraiah (BOS)	
2	Prof. V. Srikanth Reddy (HOD)	
3	Dr. S. Viswanatha Reddy (Member)	

SRI VENKATESWARA UNIVERSITY : : TIRUPATI
DEPARTMENT OF PSYCHOLOGY

Certified that the syllabus of the following list of programs have been revised during the academic year 2021-2022

M.Sc., PSYCHOLOGY (R)

Sl. No.	Name of the Programme	Program code	Name of the Course Revised
1.	M.Sc., Psychology (R)	PSY 104a	Child Development Psychology
2.	M.Sc., Psychology (R)	PSY 104b	Psychological Measurement & Statistics
3.	M.Sc., Psychology (R)	PSY 104c	Forensic Psychology
4.	M.Sc., Psychology (R)	PSY 105p	General Psychology-I
5.	M.Sc., Psychology (R)	PSY 105p	Psychological Measurement
6.	M.Sc., Psychology (R)	PSY 201c	Psycho-Diagnosis
7.	M.Sc., Psychology (R)	PSY 204a	Lifespan Development Psychology: Infancy to Adolescence
8.	M.Sc., Psychology (R)	PSY 204b	Consumer Behavior
9.	M.Sc., Psychology (R)	PSY 204c	Industrial and Organizational Psychology
10.	M.Sc., Psychology (R)	PSY 205p	General Psychology and Psychopathology
11.	M.Sc., Psychology (R)	PSY 206p	Psycho-diagnosis and Industrial & Organizational Psychology
12.	M.Sc., Psychology (R)	PSY 303b	Therapeutic Approaches in Counseling
13.	M.Sc., Psychology (R)	PSY 304p	Counseling Psychology and Therapeutic Approaches
14.	M.Sc., Psychology (R)	PSY 403a	Research Methodology-
15.	M.Sc., Psychology (R)	PSY 403b	Organizational Development
16.	M.Sc., Psychology (R)	PSY 404p	Core & Generic Elective
17.	M.Sc., Psychology (R)	PSY 405T&P	Project work

Certified that the syllabus of the following list of programs have been revised during the academic year 2021-2022

M.Sc., COUNSELING PSYCHOLOGY (Self-Supporting)

1.	M.Sc., Counseling Psychology (SS)	CPSY 303a	Therapeutic Approaches in Counselling-I
2.	M.Sc., Counseling Psychology (SS)	CPSY 303b	Counselling in Organizational Settings
3.	M.Sc., Counseling Psychology (SS)	CPSY 303c	Health Psychology
4.	M.Sc., Counseling Psychology (SS)	CPSY 304p	Core & Generic Elective
5.	M.Sc., Counseling Psychology (SS)	CPSY 305 s.o.	Stress Management & Counselling Psychology Theory & Practical
6.	M.Sc., Counseling Psychology (SS)	CPSY403a	Counselling in Hospital Settings
7.	M.Sc., Counseling Psychology (SS)	CPSY403b	Counselling in Community Settings
8.	M.Sc., Counseling Psychology (SS)	CPSY403 c	Counselling the Family
9.	M.Sc., Counseling Psychology (SS)	CPSY404 p	Core & Generic Elective
10.	M.Sc., Counseling Psychology (SS)	CPSY405 p.w.	Through allotment (Theory and Practice) Project work

BOS Chairman
CHAIRMAN
Board of Studies in Psychology (Combined)
Sri Venkateswara University
TIRUPATI

HOD
HEAD
DEPT. OF PSYCHOLOGY
S.V. UNIVERSITY
TIRUPATI

Member

Member

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI
SVU COLLEGE OF SCIENCES
MASTER OF SCIENCES
P.G. Degree Programme (CBCS) Regularations-2016
Amended as per NEP-2020

(with effect from the batch admitted in the academic year 2021-22)
CHOICE BASED CREDIT SYSTEM (CBCS)
First and Second Semester are Common for M.Sc. Psychology and M.Sc. Counseling Psychology (Self Supporting)

(NEW SYLLABUS)

DEPARTMENT OF PSYCHOLOGY

S.V.U. COLLEGE OF SCIENCES

SRI VENKATESWARA UNIVERSITY : : TIRUPATI

SRI VENKATESWARA UNIVERSITY : : TIRUPATI
SVU COLLEGE OF SCIENCES
MASTER OF SCIENCES
P.G. Degree Programme (CBCS) Regularations-2016
Amended as per NEP-2020

(with effect from the batch admitted in the academic year 2021-22)
CHOICE BASED CREDIT SYSTEM (CBCS)
First and Second Semester are Common for M.Sc. Psychology and M.Sc. Counseling Psychology (Self Supporting)

(NEW SYLLABUS)
M.Sc. (Counseling Psychology) Degree Course
First Semester : SEMESTER-I

Semester-I

Sl. No.	Course Code	Title of the Course	Core / Foundation / Elective	Hours of Teaching	No. of Credits	Marks		Total
				Theory Practical		IA	SEE	
1.	PSY 101	General Psychology-I (CC)	Core	6	4	20	80	100
2.	PSY 102	Social Psychology (CC)		6	4	20	80	100
3.	PSY 103	a. Psychopathology-I (CF) b. Psychological Measurement-I(CF) c. Positive Psychology (CF)	Compulsory Foundation	6	4	20	80	100
4.	PSY 104	a. Child Development Psychology b. Psychological Measurement & Statistics c. Forensic Psychology		6	4	20	80	100
5.	PSY 105	Paper 1 & 3	Practical-I	6	4	--	--	100
6.	PSY 106	Paper 3 & 4	Practical-II	6	4	--	--	100
			Total	36	24	120	480	600

Semester-II

Sl. No.	Course Code	Title of the Course	Core / Foundation / Elective	Hours of Teaching	No. of Credits	Marks		Total
				Theory Practical		IT	SEE	
1.	PSY 201	General Psychology -II (CC)	Core	6	4	20	80	100
2.	PSY	Applied Social		6	4	20	80	100

	202	Psychology-(CC)						
3.	PSY 203	a. Psychopathology-II(CF) b. Psycho-Diagnosis (CF) c. Computer Application in Psychological Research-(CF)	Compulsory Foundation	6	4	20	80	100
4.	PSY 204	a. Life Span Development Psychology : Infancy to Adolescence (Prenatal to Adolescents) b. Consumer Behavior c. Industrial & Organizational Psychology	Elective Foundation	6	4	20	80	100
5.	PSY 205	Paper 1 & 3	Practical-I	6	4	--	--	100
6.	PSY 206	Paper 3 & 4	Practical-II	6	4	--	--	100
			Total	36	24	120	480	600

SEMESTER-III

Course Code	Title of the Course	Core / Foundation / Elective	Hours of Teaching	No. of Credits	Marks		Total
			Theory Practical		IA Marks	SEE	
THIRD SEMESTER							
CPSY 301	Counseling Process	Core	6	4	20	80	100
CPSY 302	Counseling Skills		6	4	20	80	100
CPSY 303	a. Therapeutic Approaches in Counseling-I b. Counseling in Organizational Settings c. Health Psychology (GE)	Generic Elective	6	4	20	80	100
CPSY 304	Practicals	Core & Generic Elective	6	4	--	--	100
CPSY 305	Stress Management & Counseling Psychology Theory & Practical	Skill Oriented	6	4	10	90 (40+50)	100
CPSY 306	Personality Development	Open Elective	6	4	20	80	100
Total			36	24	120	480	600

SEMESTER-IV

FOURTH SEMESTER							
CPSY 401	Applications of Counseling in Special Areas	Core	6	4	20	80	100
CPSY 402	Therapeutic Approaches in Counseling–II(CC)		6	4	20	80	100
CPSY 403	a. Counseling in Hospital Settings b. Counseling in Community Settings c. Counseling the Family	Generic Elective	6	4	20	80	100
CPSY 404	Practicals	Core & Generic Elective	6	4	--	--	100
CPSY 405	Through allotment (Theory and Practice)	Project work	6	4	--	--	100
CPSY 406	Life Skills (OE)	Open Elective	6	4	20	80	100
Total			36	24	80	320	600

SRI VENKATESWARA UNIVERSITY :: TIRUPATI
DEPARTMENT OF STATISTICS

MINUTES OF THE MEETING OF MEMBERS OF THE BOARD OF STUDIES (POST GRADUATE), HELD AT 11.00 a.m. ON 16-12-2021 IN THE DEPARTMENT OF STATISTICS, S.V.U. COLLEGE OF SCIENCES, TIRUPATI

Members Present		**Signatures**
1. Prof. M. Srinivasulu Reddy Principal, SVUCS and In-charge Head, Dept. of Statistics	:	
2. Dr. B. Sarojamma Associate Professor Chairperson, Board of Studies (PG)	:	B. Sarojamma

RESOLUTION:

Resolved to restructure the syllabus of (M.Sc., Statistics) and (M.Sc., Applied Statistics) courses according to CBCS guidelines for the courses offered in the Department of Statistics, College of Sciences, S.V. University, Tirupati as per details given in Annexure-I for M.Sc., Statistics and in Annexure-II for M.Sc., Applied Statistics courses with effect from January, 2021.

This will apply for S.V. University affiliated colleges also which offer above two courses.

The detailed course structure and syllabus of various core / foundation / elective courses of

M.Sc., Statistics is given in Annexure-I and the related detailed course structure and syllabus of various core / foundation / elective courses of M.Sc., Applied Statistics is given in Annexure-II.

B. Sarojamma

Dr. B. Sarojamma
Chairperson, BOS (PG)

CHAIRMAN
BOARD OF STUDIES
DEPARTMENT OF STATISTICS
S.V. UNIVERSITY
TIRUPATI

Dr. B. SAROJAMMA, M.Sc., Ph.D.,
Chairperson, Board of Studies (PG)
Department of Statistics
S.V.U. College of Sciences
TIRUPATI – 517 502

Cell Ph. No :+919492633171
:+918639652810
email:saroja14397@gmail.com
TIRUPATI – 517 502
Andhra Pradesh, INDIA

Date: **16-12-2021**

To

The Controller of Examinations
S.V. University
TIRUPATI- 517 502

THROUGH PROPER CHANNEL

Sir,

Sub: Department of Statistics, S.V. University - Submission of updated Syllabus, Model Question Papers and Scheme of instruction etc., at PG level courses in the subject of Statistics - Regarding.

* * *

With reference to the letter cited above, I am herewith sending M.Sc., Statistics and M.Sc., Applied Statistics Students Semester-1to4 Syllabus, Model Question papers, Scheme of Instruction and copy of department resolution. CBCS Pattern (With effect from January, 2021 The course of Study and Scheme of Examinations NEP 2021). Here with sending soft and hard copies for your consideration.

Thanking you,

Yours sincerely,

B. Sarojamma

(Dr. B. SAROJAMMA)

CHAIRMAN
BOARD OF STUDIES
DEPARTMENT OF STATISTICS
S.V. UNIVERSITY
TIRUPATI

Encl:

1. Department Resolution copy
2. M.Sc., Statistics and M.Sc., Applied Statistics Students Syllabus, Instruction and Model Question paper of 1st to 4th Semesters Soft and hard Copy (2 copies)

Copy to the Head, Dept. of Statistics, SVU College of Sciences, Tirupati

SRI VENKATESWARA UNIVERSITY :: TIRUPATI
DEPARTMENT OF STATISTICS

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

Name of the Programme	Programme Code	Semester	Course code of Paper Revised
STATISTICS	248	Semester –I	ST-106, ST-102, ST-104(a) ST-104(b) ST-105
		Semester –II	ST-203(b), ST-204(b), ST-205 ST-206
		Semester –III	ST-304, ST-305
		Semester –IV	ST-404, ST-405

BOS, CHAIRPERSON : B. Sarojamma
Dr. B. SAROJAMMA

Dr. B. SAROJAMMA : B. Sarojamma
HEAD OF THE DEPT.

Dr. B. MUNISWAMY :
MEMBER

Dr. K. SURESH :
MEMBER

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SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF SCIENCES

M.Sc., STATISTICS

Syllabus for M.Sc. Statistics

Choice Based Credit System (CBCS)

Amended as per NEP 2020
(w.e.f. the Academic Year 2021-2022)

S.V. UNIVERSITY, TIRUPATI

DEPARTMENT OF STATISTICS

M.Sc., STATISTICS

CBCS Pattern (With effect from January, 2021)

The course of Study and Scheme of Examinations

SEMESTER-I

Sl. No.	Course Code	Components of Study	Title of the Course	Contact Hours	No. of Credits	IA Marks	End SEM Exam Marks	Total Marks
1	ST - 101	Core	Linear Algebra	6	4	20	80	100
2	ST - 102	Core	Probability and Distributions	6	4	20	80	100
3	ST - 103	Generic Elective	a. Sampling Techniques b. Stochastic Process	6	4	20	80	100
4	ST - 104	Core	Practical-I (75 Practical + 25 Record)	6	4	-	-	100
5	ST - 105	Compulsory Foundation **(Related to Subject)**	Statistical Computing	6	4	20	80	100
6	ST - 106	Elective Foundation	Practical-II (75 Practical + 25 Record)	6	4	-	-	100
	Total			**36**	**24**			**600**

*** Among the Generic Electives the student shall choose <u>ONE</u>**

SEMESTER-II

Sl. No.	Course Code	Components of Study	Title of the Course	Contact Hours	No. of Credits	IA Marks	End SEM Exam Marks	Total Marks
1	ST - 201	Core	Statistical Inference	6	4	20	80	100
2	ST - 202	Core	Multivariate Analysis	6	4	20	80	100
3	ST - 203	Core	(a) Linear Models and Applied Regression Analysis (b) Demography and Official Statistics	6	4	20	80	100
4	ST - 204	Core	Practical-III (75 Practical + 15 Viva- voce + 10 Record)	6	4	-	-	100
5	ST - 205	Compulsory Foundation **(Related to Subject)**	Design and Analysis of Experiments	6	4	20	80	100
6	ST - 206	Elective Foundation	Practical-IV (75 Practical + 15 Viva- voce + 10 Record)	6	4	-	-	100
	Total			**36**	**24**			**600**

SEMESTER-III

Sl. No.	Course Code	Components of Study	Title of the Course	Contact Hours	No. of Credits	IA Marks	End SEM Exam Marks	Total Marks
1	ST - 301	Core	Econometric Methods	6	4	20	80	100
2	ST - 302	Core	Operations Research-I	6	4	20	80	100
3	ST - 303	Core	Practical-V (75 Practical + 25 Record)	6	4	-	-	100
4	ST - 304	Generic Elective * **(Related to Subject)**	(a) Computer Programming and Data Analysis (b) Bio-Statistics (c) Total Quality Management and Six Sigma	6	4	20	80	100
5	ST - 305	Core	Practical-VI (75 Practical + 25 Record)	6	4	-	-	100
6	ST - 306	Open Elective **(For other Department)**	(a) Statistics for Biological and Earth Sciences (b) Statistics for Social and Behavioral Sciences	6	4	20	80	100
	Total			**36**	**24**			**600**

*** Among the Generic Electives the student shall choose <u>ONE</u>**

SEMESTER-IV

Sl. No.	Course Code	Components of Study	Title of the Course	Contact Hours	No. of Credits	IA Marks	End SEM Exam Marks	Total Marks
1	ST - 401	Core	Time Series Analysis and Forecasting Methods	6	4	20	80	100
2	ST - 402	Core	Operations Research-II	6	4	20	80	100
3	ST - 403	Core	Practical-VII (75 Practical + 15 Viva-voce + 10 Record)	6	4	-	-	100
4	ST - 404	Generic Elective * **(Related to Subject)**	(a) Statistical Process and Quality Control (b) Statistics for Research, industry and Community Development (c) Advanced Econometric Models	6	4	20	80	100
5	ST - 405	Core	**Student Project:** Data Centre / Institutions / Companies and etc.,	6	4	-	-	100
6	ST - 406	Open Elective **(For other Dept.)**	(a) Business Analytics (b) Survival Analysis	6	4	20	80	100
	Total			**36**	**24**			**600**

*** Among the Generic Electives the student shall choose <u>ONE</u>**

** Primary or Secondary data collected from banks, fields or any other relevant areas are analyzed and submitted

<u>Student Project</u> : Dissertation - 60 Marks
Viva Voce - 10 Marks
Presentation - 30 Marks
Total - 100Marks

<u>Multidisciplinary Subjects:</u> M.Sc., Mathematics and M.Sc., Computer Science

SRI VENKATESWARA UNIVERSITY :: TIRUPATI
DEPARTMENT OF STATISTICS

MINUTES OF THE MEETING OF MEMBERS OF THE BOARD OF STUDIES (POST GRADUATE), HELD AT 11.00 a.m. ON 16-12-2021 IN THE DEPARTMENT OF STATISTICS, S.V.U. COLLEGE OF SCIENCES, TIRUPATI

Members Present		**Signatures**
1. Prof. M. Srinivasulu Reddy Principal, SVUCS and In-charge Head, Dept. of Statistics	:	
2. Dr. B. Sarojamma Associate Professor Chairperson, Board of Studies (PG)	:	B. Sarojamma

RESOLUTION:

Resolved to restructure the syllabus of (M.Sc., Statistics) and (M.Sc., Applied Statistics) courses according to CBCS guidelines for the courses offered in the Department of Statistics, College of Sciences, S.V. University, Tirupati as per details given in Annexure-I for M.Sc., Statistics and in Annexure-II for M.Sc., Applied Statistics courses with effect from January, 2021.

This will apply for S.V. University affiliated colleges also which offer above two courses.

The detailed course structure and syllabus of various core / foundation / elective courses of

M.Sc., Statistics is given in Annexure-I and the related detailed course structure and syllabus of various core / foundation / elective courses of M.Sc., Applied Statistics is given in Annexure-II.

B. Sarojamma

Dr. B. Sarojamma
Chairperson, BOS (PG)

CHAIRMAN
BOARD OF STUDIES
DEPARTMENT OF STATISTICS
S.V. UNIVERSITY
TIRUPATI

Dr. B. SAROJAMMA, M.Sc., Ph.D.,
Chairperson, Board of Studies (PG)
Department of Statistics
S.V.U. College of Sciences
TIRUPATI – 517 502

Cell Ph. No :+919492633171
:+918639652810
email:saroja14397@gmail.com
TIRUPATI – 517 502
Andhra Pradesh, INDIA

Date: **16-12-2021**

To

The Controller of Examinations
S.V. University
TIRUPATI- 517 502

THROUGH PROPER CHANNEL

Sir,

Sub: Department of Statistics, S.V. University - Submission of updated Syllabus, Model Question Papers and Scheme of instruction etc., at PG level courses in the subject of Statistics - Regarding.

* * *

With reference to the letter cited above, I am herewith sending M.Sc., Statistics and M.Sc., Applied Statistics Students Semester-1to4 Syllabus, Model Question papers, Scheme of Instruction and copy of department resolution. CBCS Pattern (With effect from January, 2021 The course of Study and Scheme of Examinations NEP 2021). Here with sending soft and hard copies for your consideration.

Thanking you,

Yours sincerely,

B. Sarojamma

(Dr. B. SAROJAMMA)

CHAIRMAN
BOARD OF STUDIES
DEPARTMENT OF STATISTICS
S.V. UNIVERSITY
TIRUPATI

Encl:

1. Department Resolution copy
2. M.Sc., Statistics and M.Sc., Applied Statistics Students Syllabus, Instruction and Model Question paper of 1st to 4th Semesters Soft and hard Copy (2 copies)

Copy to the Head, Dept. of Statistics, SVU College of Sciences, Tirupati

SRI VENKATESWARA UNIVERSITY :: TIRUPATI
DEPARTMENT OF STATISTICS

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

Name of the Programme	Programme Code	Semester	Course code of Paper Revised
APPLIED STATISTICS	240	Semester –I	APST-102, APST-104(a), AP ST-104(b) APST-105, APST-106
		Semester –II	APST-203(b), APST-204(b), APST-205 APST-206
		Semester –III	APST-304, APST-305
		Semester –IV	APST-404, ST-405

BOS, CHAIRPERSON : B. Sarojamma
Dr. B. SAROJAMMA

Dr. B. SAROJAMMA : B. Sarojamma
HEAD OF THE DEPT.

Prof. K. PUSHPANJALI : 16/12/2021
MEMBER

Dr. D. VENKATESAN : D. Venkatesan
MEMBER

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF SCIENCES

M.Sc., APPLIED STATISTICS

Syllabus for M.Sc. Applied Statistics

Choice Based Credit System (CBCS)

Amended as per NEP 2020
(w.e.f. the Academic Year 2021-2022)

S.V. UNIVERSITY, TIRUPATI

DEPARTMENT OF STATISTICS

M.Sc., APPLIED STATISTICS

CBCS Pattern (With effect from January, 2021)

The course of Study and Scheme of Examinations

SEMESTER-I

Sl. No.	Course Code	Components of Study	Title of the Course	Contact Hours	No. of Credits	IA Marks	End SEM Exam Marks	Total Marks
1	APST - 101	Core	Linear Algebra	6	4	20	80	100
2	APST - 102	Core	Probability and Distributions	6	4	20	80	100
3	APST - 103	Generic Elective	a. Sampling Techniques b. Stochastic Process	6	4	20	80	100
4	APST - 104	Core	Practical-I (75 Practical + 25 Record)	6	4	-	-	100
5	APST - 105	Compulsory Foundation **(Related to Subject)**	Statistical Computing	6	4	20	80	100
6	APST - 106	Elective Foundation	Practical-II (75 Practical + 25 Record)	6	4	-	-	100
	Total			**36**	**24**			**600**

*** Among the Generic Electives the student shall choose <u>ONE</u>**

SEMESTER-II

Sl. No.	Course Code	Components of Study	Title of the Course	Contact Hours	No. of Credits	IA Marks	End SEM Exam Marks	Total Marks
1	APST - 201	Core	Statistical Inference	6	4	20	80	100
2	APST - 202	Core	Multivariate Analysis	6	4	20	80	100
3	APST - 203	Core	(a) Linear Models and Applied Regression Analysis (b) Applied Demography and Official Statistics	6	4	20	80	100
4	APST - 204	Core	Practical-III (75 Practical + 15 Viva- voce + 10 Record)	6	4	-	-	100
5	APST - 205	Compulsory Foundation **(Related to Subject)**	Experimental Designs and Applications	6	4	20	80	100
6	APST - 206	Elective Foundation	Practical-IV (75 Practical + 15 Viva- voce + 10 Record)	6	4	-	-	100
	Total			**36**	**24**			**600**

SEMESTER-III

Sl. No.	Course Code	Components of Study	Title of the Course	Contact Hours	No. of Credits	IA Marks	End SEM Exam Marks	Total Marks
1	APST - 301	Core	Applied Econometrics	6	4	20	80	100
2	APST - 302	Core	Applied Operations Research	6	4	20	80	100
3	APST - 303	Core	Practical- V (75 Practical +25 Record)	6	4	-	-	100
4	APST - 304	Generic Elective * **(Related to Subject)**	(a) Computer Programming and Data Analysis (b) Advanced Bio-Statistics (c) Data Mining and Information Security	6	4	20	80	100
5	APST - 305	Core	Practical-VI (75 Practical + 25 Record)	6	4	-	-	100
6	APST - 306	Open Elective **(For other Department)**	(a) Statistics for Biological and Earth Sciences (b) Statistics for Social and Behavioral Sciences	6	4	20	80	100
	Total			**36**	**24**			**600**

*** Among the Generic Electives the student shall choose ONE**

SEMESTER-IV

Sl. No.	Course Code	Components of Study	Title of the Course	Contact Hours	No. of Credits	IA Marks	End SEM Exam Marks	Total Marks
1	APST - 401	Core	Applied Forecasting Methods	6	4	20	80	100
2	APST - 402	Core	Reliability and Survival Analysis	6	4	20	80	100
3	APST - 403	Core	Practical-VII (75 Practical + 15 Viva-voce + 10 Record)	6	4	-	-	100
4	APST - 404	Generic Elective * **(Related to Subject)**	(a) Statistical Quality Control (b) Statistics for Research, industry and Community Development (c) Actuarial Statistics	6	4	20	80	100
5	APST - 405	Core	**Student Project:** Data Centre / Institutions / Companies and etc.,	6	4	-	-	100
6	APST - 406	Open Elective **(For other Department)**	(a) Statistics for Marketing Research (b) Statistical Analysis Using SPSS	6	4	20	80	100
	Total			**36**	**24**			**600**

*** Among the Generic Electives the student shall choose ONE**

** Primary or Secondary data collected from banks, fields or any other relevant areas are analyzed and submitted

Student Project : Dissertation - 60 Marks
Viva Voce - 10 Marks
Presentation - 30 Marks
Total - 100Marks

Multidisciplinary Subjects: M.Sc., Mathematics and M.Sc., Computer Science

Minutes of the BOS Virology meeting held on 17-11-2021

Minutes of the Virology BOS meeting held online (Google Meet) on 17-11-2021 between 9.00 AM to 11.00 AM with external and internal BOS members to revise the M. Sc., Virology program syllabus (CBCS pattern) as per the National Education Policy-2020 (NEP-2020) guidelines and considering the growing demand of the industry/academia. First and second semesters are focussed to have interdisciplinary courses followed by core Virology courses in the third and fourth semesters of M. Sc. Virology program, respectively. BOS members thoroughly discussed and improved the syllabus for betterment of the students to foster employability in various biotech/pharma industries/ research or educational institutes and to grab the opportunities for higher education in the National and International institutes and recommended the following resolutions for the approval of the M. Sc. Virology program syllabus to be implemented from the academic year 2021-22 onwards.

1. It is resolved to have M.Sc Virology program code as VIR to maintain uniformity as per University PG programs and to introduce each two of core theory, one compulsory foundation and one elective foundation courses, two relevant practicals and Human and Professional Ethics as an audit course (self study-no credits) in the first and second semesters of M.Sc. Virology program.

2. It is resolved to introduce each two of core theory, two generic elective courses along with one relevant practical and two open electives (offered to the students of other disciplines) in the third and fourth semesters of M.Sc. Virology program, where among the electives student can choose one and 10 students are minimum to run the course in the respective semester.

3. It is resolved to introduce Medical Lab Technology as skill development course in the third semester and Communicative English and Fundamentals of Computers as skill enhancement add-on course (self-study-no credits) in the third semester of M.Sc Virology program.

4. It is resolved to introduce project work with 4 credits and Industrial Biotechnology as multidisciplinary course, where student can choose either one of it as per their interest in the fourth semester of M. Sc. Virology program. To make the students competitive for various scientific examinations, Teaching and Research Aptitude course has been introduced as a skill enhancement add-on course (self-study, no credits) in the fourth semester of M. Sc Virology program (Enclosed M. Sc Virology program structure and syllabus).

(P.T.O)

5. It is resolved that the revised syllabus of M.Sc., Virology program is very relevant and appropriate to match the NEP-2020 guidelines and with the current needs of the students to progress further, hence recommended for approval of the revised syllabus from the academic year 2021-22 onwards.

BOS Members Attended the Online Meeting on 17-11-2021:

		Signature
1. **Prof. M. Hema** Dept. of Virology SVU College of Sciences Tirupati.	--- **Chairperson, BOS**	M. Hema
2. **The Head** Department of Virology SVU College of Sciences Tirupati.	--- **Ex-Officio Member**	M. Hema
3. **Dr. M. Charitha Devi** Dept. of Virology SVU College of Sciences Tirupati.	--- **Member**	M Charitha Devi
4. **Dr. R. Ranjani** Dept. of Virology SVU College of Sciences Tirupati.	--- **Member**	R. Ranjani
5. **Dr. G. Narasimha** Dept. of Virology SVU College of Sciences Tirupati.	--- **Member**	
6. **Dr. B.V Bhaskar Reddy** Principal Scientist Dept. of Pathology, Frontier Technology Laboratory RARS, SV Agricultural College Campus Tirupati.	--- **External Member**	
7. **Dr. P. V. Cherish Babu** Director, Algen Biotech Pvt. Ltd BioNEST, Life Science Building University of Hyderabad, Gachibowli, Hyderabad	--- **External Member**	Cherish

SRI VENKATESWARA UNIVERSIT:: TIRUPATI
DEPARTMENT OF VIROLOGY

Certified that the syllabus of the following list of programs have been revised during the Academic year 2021-2022

S. No.	ne of the Programme	Programme Code	Name of the Courses Revised
1.	M.Sc. Virology -272	VIR-103B	Microbial Physiology and Metabolism
2.	M.Sc. Virology	VIR-104A	General Virology
3.	M.Sc. Virology	VIR-104B	Enzyme Technology
4.	M.Sc. Virology	VIR-105A	Biological Chemistry & General Microbiology
5.	M.Sc. Virology	VIR-105B	Biological Chemistry & Microbial Physiology and Metabolism
6.	M.Sc. Virology	VIR-106A	Analytical Techniques & General Virology
7.	M.Sc. Virology	VIR-106B	Analytical Techniques & Enzyme Technology
8.	M.Sc. Virology	VIR-203B	Biostatistics and Bioinformatics
9.	M.Sc. Virology	VIR-204A	Immunology
10.	M.Sc. Virology	VIR-204B	Food and Environmental Biotechnology
11.	M.Sc. Virology	VIR-205A	Cell Biology and Tissue culture & Recombinant DNA Technology
12.	M.Sc. Virology	VIR-205B	Cell Biology and Tissue culture & Biostatistics and Bioinformatics
13.	M.Sc. Virology	VIR-206A	Microbial Genetics and Molecular Biology & Immunology
14.	M.Sc. Virology	VIR-206B	Microbial Genetics and Molecular Biology & Food and Environmental Biotechnology
15.	M.Sc. Virology	VIR-303B	Tumor Virology
16.	M.Sc. Virology	VIR-304A	Plant Virology and Virus Diseases & Molecular Virology
17.	M.Sc. Virology	VIR-304B	Plant Virology and Virus Diseases & Tumor Virology
18.	M.Sc. Virology	VIR-305A	Theory- Molecular Techniques
19.	M.Sc. Virology	VIR-305B	Practical-Molecular Techniques
20.	M.Sc. Virology	VIR-306A	Basic Virology
21.	M.Sc. Virology	VIR-306B	Agricultural, Animal and Human Viruses
22.	M.Sc. Virology	VIR-403B	Virus-based Biotechnology
23.	M.Sc. Virology	VIR-404A	Animal and Human Virology and Virus Diseases & Applied Virology
24.	M.Sc. Virology	VIR-404B	Animal and Human Virology and Virus Diseases & Virus-based Biotechnology
25.	M.Sc. Virology	VIR-405A	Theory-Industrial Biotechnology

26.	M.Sc. Virology	VIR-405B	Practical- Industrial Biotechnology
27.	M.Sc. Virology	VIR-405C	Project work related to Virology
28.	M.Sc. Virology	VIR-405A	Clinical Virology
29.	M.Sc. Virology	VIR-406B	Emerging and Reemerging Viruses

BOS Chairperson

Prof. M. HEMA
Chairperson, BOS in Virology
Sri Venkateswara University
TIRUPATI - 517 502, A.P.

HOD

HEAD
DEPARTMENT OF VIROLOGY
S.V.U. COLLEGE OF SCIENCES
SRI VENKATESWARA UNIVERSITY
TIRUPATI-517 502

Member

Member

Member

SRI VENKATESWARA UNIVERSITY COLLEGE OF SCIENCES

TIRUPATI - 517 502

DEPARTMENT OF VIROLOGY

Two-Year M.Sc., Virology Program

Semester Pattern Syllabus
(Choice Based Credit System)
Academic year 2021-22 onwards
(New Syllabus as per NEP-2020)

S.V. UNIVERSITY, TIRUPATI:: SVU COLLEGE OF SCIENCES
CBCS Pattern (With effect from academic year2021-2022)
M.Sc., VIROLOGY
COURSE PATTERN AND SCHEME OF EXAMINATION
CURRICULAM

SEMESTER -I

Sl. No.	Components of Study	Course Code	Title of the Course	Credit hours /week	No. of Credits	IA Marks	Sem End Exam Marks	Total
1	Core-Theory (Mandatory)	VIR-101	Biological Chemistry	6	4	20	80	100
2	Core-Theory (Mandatory)	VIR-102	Analytical Techniques	6	4	20	80	100
3	*Compulsory Foundation-Theory (Optional)	VIR-103A (Or)	General Microbiology (Or)	6	4	20	80	100
		VIR-103B	Microbial Physiology and Metabolism	6	4	20	80	100
4	*Elective Foundation-Theory (Optional)	VIR-104A (Or)	General Virology (Or)	6	4	20	80	100
		VIR-104B	Enzyme Technology	6	4	20	80	100
5	Practical-I (Core 1 and 3A or 3B)	VR-105A (Or)	Biological Chemistry & General Microbiology (Or)	9	4	-	100	100
		VR-105B	Biological Chemistry & Microbial Physiology and Metabolism	9	4	-	100	100
6	Practical-II (Core 2 and 4A or 4B)	VIR-106A (Or)	Analytical Techniques & General Virology (or)	9	4	-	100	100
		VIR-106B	Analytical Techniques & Enzyme Technology	9	4	-	100	100
Total				****36 T and 36 P**	**24**	**80**	**520**	**600**
7	***Audit Course (Self-Study)	VIR-107	Human and Professional Ethics-I	0	-	100	-	0

***Among the foundations courses, the student shall choose one followed by the relevant practical.**

****36 h T (Theory) and 36 h P (Practicals) for two batches**

*****Marks of audit course are not included for overall grade**

SEMESTER-II

Sl. No.	Components of Study	Course Code	Title of the Course	Credit hours/ week	No. of Credits	IA Marks	Sem End Exam Marks	Total
1	Core-Theory (Mandatory)	VIR-201	Cell BiologyandTissue Culture	6	4	20	80	100
2	Core-Theory (Mandatory)	VIR-202	Microbial Genetics andMolecular Biology	6	4	20	80	100
3	*Compulsory Foundation - Theory (Optional)	VIR-203A (Or)	Recombinant DNA Technology (Or)	6	4	20	80	100
		VIR-203B	Biostatistics and Bioinformatics	6	4	20	80	100
4	*Elective Foundation- Theory (Optional)	VIR-204A (Or)	Immunology (Or)	6	4	20	80	100
		VIR-204B	Food and Environmental Biotechnology	6	4	20	80	100
5	Practical-I (Core 1 and 3A or 3B)	VIR-205A (Or)	Cell Biology and Tissue culture & Recombinant DNA Technology (Or)	9	4	-	100	100
		VIR-205B	Cell Biology and Tissue culture & Biostatistics and Bioinformatics	9	4	-	100	100
6	Practical-II (Core 2 and 4A or 4B)	VIR-206A (Or)	Microbial Genetics and Molecular Biology & Immunology (Or)	9	4	-	100	100
		VIR-206B	Microbial Genetics and Molecular Biology & Food and Environmental Biotechnology	9	4	-	100	100
Total				****36 T and 36 P**	**24**	**80**	**520**	**600**
7	***Audit Course (Self-Study)	VIR-207	Human and Professional Ethics-II	**0**	**-**	**100**	**-**	**-**

***Among the foundations courses, the student shall choose one followed by the relevant practical.**

****36 h T (Theory) and 36 h P (Practicals) for two batches**

*****Marks of audit course are not included for overall grade.**

SEMESTER-III

	Components of Study	Course Code	Title of the Course	Credit hours/ week	No. of Credits	IA Marks	Sem End Exam Marks	Total
1	Core-Theory (Mandatory)	VIR-301	Plant Virology	6	4	20	80	100
2	Core-Theory (Mandatory)	VIR-302	Plant Virus Diseases	6	4	20	80	100
3	*Generic Elective-Theory (Optional)	VIR-303A (Or)	Molecular Virology	6	4	20	80	100
		VIR-303B	Tumor Virology	6	4	20	80	100
4	Practical (Core 1, 2 and 3A or 3B)	VIR-304A (Or)	Plant Virology and Virus Diseases& Molecular Virology	9	4	-	100	100
		VIR-304B	Plant Virology and Virus Diseases& Tumor Virology	9	4	-	100	100
5	Skill Oriented Course (Mandatory)	VIR-305A	Theory- Molecular Techniques	3	2	10	40	50
		VIR-305B	Practical- MolecularTechniques	6	2	-	50	50
6	**Open Elective-Theory (Optional) **(Offered to other departments)**	VIR-306A (Or)	Basic Virology	6	4	20	80	100
		VIR-306B	Agricultural, Animal and Human Viruses	6	4	20	80	100
Total				***39 T and 30 P**	**24**	**90**	**510**	**600**
7	****Skill enhancement Add-on Course (Self-Study)	VIR-307	Communicative English and Fundamentals of Computers	-	-	**100**	-	-

***Among the electives, the student shall choose one followed by the relevant practical.**
****Open Elective: Courses offered to students of others disciplines.**
Minimum strength to offer the open elective course is 10 students.
*****39 h T (Theory) and 30 h P (Practicals) for two batches**
******Marks of Add-on courses are not included for overall grade.**

SEMESTER-IV

	Course Code	Components of Study	Title of the Course	Credit hours/ week	No. of Credits	IA Marks	Sem End Exam Marks	Total
1	Core-Theory (Mandatory)	VIR-401	Animal and Human Virology	6	4	20	80	100
2	Core-Theory (Mandatory)	VIR-402	Animal and Human Virus Diseases	6	4	20	80	100
3	*Generic Elective-Theory (Optional)	VIR-403A (Or)	Applied Virology	6	4	20	80	100
		VIR-403B	Virus-based Biotechnology	6	4	20	80	100
4	*Practical	VIR-404A (Or)	Animal and Human Virology and Virus Diseases& Applied Virology	9	4	-	100	100
		VIR-404B	Animal and Human Virology and Virus Diseases & Virus-based Biotechnology	9	4	-	100	100
5	**Multidisciplinary Course	VIR-405A	Theory-Industrial Biotechnology	3	2	10	40	50
		VIR-405B	Practical- Industrial Biotechnology (Or)	6	2	-	50	50
	**Project work	VIR-405C	Project work related to Virology	-	4	-	100	100
6	***Open Elective-Theory (Optional) **(Offered to other departments)**	VIR-405A (Or)	Clinical Virology (Or)	6	4	20	80	100
		VIR-406B	Emerging and Reemerging Viruses	6	4	20	80	100
Total				****39 T and 30 P	**24**	**90**	**510**	**600**
7	*****Skill Enhancement Add-on Course (Self-Study)	VIR-407	Research Aptitude and Entrepreneurship	-	-	**100**	-	-

***Among the generic electives, the student shall choose one followed by the relevant practical.**
****Individual student can choose either project work or multidisciplinary course based on their interest.**
*****Open Elective: Courses offered to students of others disciplines. Minimum strength to offer the open elective course is 10 students.**
******39 h T (Theory) and 30 h P (Practicals) for two batches.**
*******The marks of Add-on courses are not included for overall grade.**

SRI VENKATESWARA UNIVRSITY:: TIRUPATI

DEPATMENT OF ZOOLOGY

1.1.2. Minutes of the Board of Studies Meeting.

Venue: HOD Chamber Date: 03-04-2021 Time: 11.00 AM

Members present:

S.No	Name of the Faculty Member	Designation
1	Prof. M. Srinivasulu Reddy	BOS Chairman
2	Prof. P. Jacob Doss	HOD Zoology
3	Prof. S. Kishore	Member
4	Dr. M. Rajasekhar	Member
5	Dr. Y. Suneetha	Member

Agenda:

1. Finalization of syllabus for M. Sc., Zoology for its introduction from the Academic year 2021-2022.
2. Any other item.

Resolutions:

1. The M.Sc. Zoology syllabus prepared as per Outcome Based Education (OBE) has been discussed and by following the suggestions/Improvements were incorporated as suggested by members of BOS and External Experts.

2. Under National Educational Policy (NEP), skill development and multidisciplinary courses were introduced at III and IV semester, respectively.

3. Course curriculum contents were discussed at length and M.Sc. Zoology programme syllabus was drafted.

Based on the above considerations, the BOS members unanimously resolved to approve and recommended the Revised Syllabus with effect from the Academic Year 2021-2022.

Signatures:

S. No	Name of the Faculty Member	Signature
1.	Prof. M. Srinivasulu Reddy	
2.	Prof. P. Jacob Doss	
3.	Prof. S. Kishore	
4.	Dr. M. Rajasekhar	
5.	Dr. Y. Suneetha	Y. Suneetha

SRI VENKATESWARA UNIVERSITY : : TIRUPATI
(visit us: WWW.SVUniveristy.edu.in)

Telephone No: 91-877-2289429
Fax: 91-877-2289549

No.C-II(c)/ BOS/Zoology(PG)/2020

Date : 22-12-2020

From

THE REGISTRAR
S.V.UNIVERSITY
TIRUPATI

To. Y.Suneetha
Assistant Professor
Department of Zoology
S.V.U.College of Sciences
Tirupati

Madam,

Sub: S.V. University – Academic Branch –Board of Studies in Zoology (PG) – Appointment of Member – Regarding.

Ref: 1. This office lr.no.C-II(C)/BOS/Zoology(PG)/2020,dt:24-09-2020.
2. Vice-chancellor's orders dated 15-12-2020.

******

I am to inform you that the Hon'ble Vice-chancellor is pleased to appoint you as Member of the Board of Studies in Zoology (PG) of the University subject to the provision as contained in the amended Chapter VIII: "BOARD OF STUDIES" of the Laws of the University. You will hold the office with effect from 15-12-2020 to 14-06-2023 i.e., Board residuary period.

In this connection, I am also to inform you that as per the Ordinance 4 of Chapter VIII of the Laws of the University. "A Member appointed in his capacity as a teacher in any of the University or Affiliated College or Oriental College as the holder of an Office or as a Student, shall cease to be a Member of the Board of Studies concerned from the date when he cease to be a teacher in any such college or hold of any such Office or ceases to be a student.

A copy of the list of Members of the reconstitution of the Board of Studies is herewith enclosed for your kind information. It is hoped that you will be kind enough to accept the appointment and offer your expert advice during the above period.

Kindly communicate your acceptance, together with your official and residential addresses with your Telephone and Mobile numbers at an early date for further correspondence.

Yours faithfully,
Sd/-P.Sreedhara Reddy
REGISTRAR

Copy to the Chairman, Board of Studies in Zoology (PG), Department of Zoology , S.V.U. College of Sciences, Tirupati for information.
Copy to the Members of the Board of Studies in Zoology(PG), S.V.U. College of Sciences, Tirupati for information.
Copy to the Head, Department of Zoology, SVU College of Sciences, Tirupati for information.
Copy to the Controller of Examinations/Deputy Registrar (Admn), S.V.University, Tirupati for information.
Copy to the Supdt. B-VII/E.II/Sections, S.V.University, Tirupati for information.
Copy to file

//t.c.f.b.o.//

DEPUTY REGISTRAR
(REGISTRAR)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI		
BOARD OF STUDIES IN ZOOLOGY (PG)		
		Date of Re-Constitution : 15-06-2020 UPTO 14-06-2023
1.	**Prof.M.Srinivasulu Reddy** Department of Zoology S.V.U.College of Sciences, Tirupati	CHAIRMAN w.e.f 19-09-2020 upto 28-02- 2023
2.	Head Department of Zoology S.V.U. College of Sciences, TIRUPATI	EX-OFFICIO MEMBER
3.	Dr. S.Kishore Associate Professor Department of Zoology S.V.U.College of Sciences TIRUPATIl	INTERNAL MEMBER
4.	Dr.Y.Suneetha Assistant Professor Department of Zoology S.V.U.College of Sciences TIRUPATIl	INTERNAL MEMBER
5.	TO BE APPOINTED	EXTERNAL MEMBER
6.	TO BE APPOINTED	EXTERNAL MEMBER

Sd/-P.Sreedhara Reddy
REGISTRAR

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI
(Visit us: www. svuniversity.edu.in)

Telephone No: 0877-2289429
Fax No: 0877-2289549

TIRUPATI - 517 502
(ANDHRA PRADESH)

No. C-II(E)/BOS(PASS)/2022 **Dated:16-02-2022**

FROM

THE REGISTRAR
S.V.UNIVERSITY
registrarsvu@gmail.com

TO
Dr. M. VANI
Department of Zoology
S.V. Arts College,
Tirupati.

Madam,

Sub:- Academic Branch – Re-constitution of Board of Studies in **ZOOLOGY** (PASS) – Appointment of **Chairperson** – Orders - Regarding.
Ref:- Vice-Chancellor's Order dated:29-01-2022.

-:ooOoo:-

With reference to the subject cited, I am, by direction to inform that you are appointed as **"Chairperson"** of the Board of Studies in **ZOOLOGY** (PASS) of this University, subject to the provision as contained in the amended Chapter VIII: "BOARD OF STUDIES" of the Laws of the University. You shall hold the Office with effect from ***01-01-2022 to* 20-05-2023** or till the date of your retirement, whichever is earlier.

In this connection, I am also to inform you that as per the Ordinance' 4 of Chapter–VIII of the Laws of the University. "A Member appointed in his/her capacity as a teacher in any of the University or Affiliated College or Oriental College or as the holder of an Office or as a Student, shall cease to be a Member of the Board of Studies concerned from the date when he/she ceases to be a teacher in any such college or the holder of any such Office or ceases to be a student.

A copy of the list of Members of the reconstituted of the Board of Studies of **ZOOLOGY** (PASS) is herewith enclosed for your kind information. It is hoped that you will be kind enough to accept the appointment and offer your expert advice during the above period.

Kindly communicate your acceptance, informing the date of your retirement together with your official / residential addresses, E-mail ID and Mobile numbers at an early date, for further correspondence to deancdcsvutpt@gmail.com.

The receipt of this letter together with its enclosure may please be acknowledged.

Encl: As above,

Yours faithfully,
Sd/- Prof. O. Md. HUSSAIN
REGISTRAR

Copy to the Dean, Faculty of Science, SVU College of Science, Tirupati for information.
Copy to the Chairman / Chairperson, Board of Studies in Zoology (PG), S.V. University, Tirupati, together with list of members of BOS in Zoology (PASS) for information.
Copy to the Principal, S.V. Arts College, Tirupati.
Copy to the Controller of Examinations, S. V. University, Tirupati, for information.
Copy to Superintendents, B-I, B-II, B-III, B-V, B-VII/Sections, S.V. University, Tirupati for information.
Copy to PS to Vice-Chancellor/PA to Rector/Registrar/Dean, C.D.C, S.V. University, Tirupati, for information.
Copy to all the seats in C-II Section.
Copy to Record Section, S.V. University, Tirupati, for information.

// T.C.F.B.O//

DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : TIRUPATI

BOARD OF STUDIES IN ZOOLOGY (PASS)

Date of Re–Constitution ***01-01-2022 to 31-12-2024***

1.	**Dr. M. VANI** Department of Zoology S.V. Arts College, TIRUPATI.	**CHAIRPERSON** ***(01-01-2022 to 20-05-2023)***
2.	**Chairman / Chairperson** BOS in Zoology (PG)	EX-OFFICIO MEMBER
3.	**Dr. C.BHUVANESWARI Devi** Department of Zoology S.P.W. Degree & P.G. College TIRUPATI.	MEMBER
4.	**Dr. M.SHARMILA** Department of Zoology Govt. Degree College NAGARI.	MEMBER
5.	**Dr. C.VENKATA KRISHNAIAH** Department of Zoology Govt. Degree College PUTTUR.	MEMBER
6.	**Dr. A JAYASANKAR** Department of Zoology SVCR GDC PALAMANER.	MEMBER
7.	**Dr. G. SWATHI** Department of Zoology Govt. Degree College PUTTUR.	MEMBER

Sd/- Prof. O. Md. HUSSAIN
REGISTRAR

// T.C.F.B.O//

DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI

(visit us: WWW.SVUniveristy.edu.in)

Telephone No: 91-877-2289429
Fax: 91-877-2289549

No.C-II(c)/ BOS/Aquaculture (Combi)/2021

Date : 06-03-2021

From

THE REGISTRAR
S.V.UNIVERSITY
TIRUPATI

To
Prof.M.Srinivasulu Reddy
Department of Zoology
SVU College of Sciences,
Tirupati

Sir,

Sub: S.V. University – Academic Branch – Board of Studies in Aquaculture (Combi) – Appointment of Chairman in place of Prof.A.Usha Rani – Regarding.

Ref: 1. This office letter No.C-II(C)/ BOS in Fishery Science & Aqua (Combi)/2006; dt:01-03-2019.
2. Vice-chancellor's Orders dated: 02-03-2021.

******

In continuation to the letter under reference 1st cited, I am to inform you that the Vice-Chancellor is pleased to appoint you as Chairman of the Board of Studies in Aquaculture (Combined) of the University; subject to the provisions as contained in the amended Chapter VIII: "BOARD OF STUDIES" of the Laws of the University . You will hold the office for Board residuary period **w.e.f 02-03-2021 upto 21-02-2022** or till the date of your retirement whichever is earlier.

In this connection, I am also to inform you that as per the Ordinance 4 of Chapter VIII of the Laws of the University. "A Member appointed in his capacity as a teacher in any of the University or Affiliated College, shall ceases to be a Member of the Board of Studies concerned from the date when he ceases to be a teacher in any such college or holder of any such Office or ceases to be a student.

A copy of the list of Members of the Board of Studies is herewith enclosed for your kind information.

Kindly communicate your acceptance, together with your official and residential addresses with your Telephone and Mobile numbers at an early date for further correspondence.

Yours faithfully,
Sd/-P.Sreedhara Reddy
REGISTRAR

Copy to the Dean, Faculty of Sciences, S.V.U. College of Sciences, Tirupati for information.
Copy to the Principal, SVU College of Sciences, S.V.University, Tirupati, for information.
Copy to the Head, Department of Aquaculture & Fishery Science, SVU College of Sciences, Tirupati, for information.
Copy to the Deputy Registrar(Administration), S.V.University, Tirupati for information.
Copy to the Controller of Examinations, S.V.University, Tirupati, for information.
Copy to the Superintendent, E-II & B-VII, Sections, S.V.University, Tirupati, for information.
Copy to file

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI		
BOARD OF STUDIES IN FISHERY SCIENCE & AQUACULTURE (combined)		
		Date of Re-Constitution : 22-02-2019 UPTO 21-02-2022
1.	Prof.M.Srinivasulu Reddy Department of Zoology S.V.U. College of Sciences TIRUPATI	CHAIRMAN w.e.f. 02-03-2021 upto 21-02-2022
2.	The Head, Dept. of Fishery Science & Aquaculture S.V.U. College of Sciences, TIRUPATI	EX-OFFICIO MEMBER
3..	Prof.P.Jacob Das Department of Zoology SVU College of Sciences, Tirupati	MEMBER
4.	Prof.Y.Suneetha Department of Zoology SVU College of Sciences, Tirupati	MEMBER
5.	Prof.Padmavathi Department of Zoology &Aquaculture Acharya Nagarjuna University Nagarjuna Nagar Guntur-522510 E-mail:padmapin@gmail.com Mobile No.+919704346530	EXTERNAL MEMBER
6.	Prof.S.Ramakrishna Department of Zoology Bangalore University Gnana Bharathi Bangalore-560056 Mobile No.+919448133554	EXTERNAL MEMBER

Sd/-P.Sreedhara Reddy
REGISTRAR

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

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Prof. M. Srinivasulu Reddy
Professor

SRI VENKATESWARA UNIVERSITY
Department of Zoology
Tirupati – 517 502, A.P., India.
Off: 0877-2289304
Mobile: +91 9866206362
+91 6281942443
Email: profmsrsvu@gmail.com

No. SVUCS/Zool/ MSR/BOS in Aquaculture (Combi)/2021

Date: 16.03.2021

To

The Registrar
Sri Venkateswara University
Tirupati

Respected Sir,

Sub: Prof. M. Srinivasulu Reddy, Department of Zoology, S.V. University – Appointment of Chairman, BOS in Aquaculture (Combi) – Sending of Acceptance – Regd.

Ref.: Your Lr. No. C-II(c)/BOS/Aquaculture (Combi)/2021. Dt. 06-03-2021.

***

Thanks for your letter (Ref.1) informing me that was appointed as Chairman of the Board of Studies in Aquaculture (Combi) of S.V. University. I am writing this to inform you that I am accepting the appointment of Chairman of Board of Studies in Aquaculture (Combi). I am herewith submitting the details required to you.

Date of Retirement : 28-02-2023.

Official Address : Prof. M. Srinivasulu Reddy
Department of Zoology
S.V. University
Tirupati -517 502

Residential Address : Prof. M. Srinivasulu Reddy
201, Avyay Avenue, Andhra Bank Colony
Bairagipatteda, Avilala
Tirupati -517 507

I request you to take necessary action
Thanking you Sir

Yours Faithfully

(M. Srinivasulu Reddy)

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To
Prof. PJ

SRI VENKATESWARA UNIVERSITY : : TIRUPATI

(visit us: WWW.SVUniveristy.edu.in)

Telephone No: 91-877-2289429
Fax: 91-877-2289549

No.C-II(c)/ BOS/ Zoology(PG)/2020

Date : 24-09-2020

From

THE REGISTRAR
S.V.UNIVERSITY
TIRUPATI

To

Prof.M.Srinivasulu Reddy
Department of Zoology
S.V.U.College of Sciences
Tirupati

Sir,

Sub: S.V. University – Academic Branch – Board of Studies in Zoology (PG) – Appointment of Chairman in place of Prof.P.Jacob Doss – Regarding.

Ref: Rector's orders dated: 19-09-2020.

******

With reference to the above, you are appointed as Chairman of the Board of Studies in Zoology (PG) of the University; subject to the provisions as contained in the amended Chapter VIII: "BOARD OF STUDIES" of the Laws of the University . You will hold the office for residuary period of the Board w.e.f **19-9-2020 to 28-02-2023** till the date of your superannuation.

In this connection, I wish to inform you that as per the Ordinance 4 of Chapter VIII of the Laws of the University. "A Member appointed in his capacity as a teacher in any of the University or Affiliated College, shall ceases to be a Member of the Board of Studies concerned from the date when he ceases to be a teacher in any such college or holder of any such Office or ceases to be a student.

Please send a panel of Experts atleast to a minimum of 10 members to appoint as External Members of the Board of Studies.

A copy of the Board of Studies is herewith enclosed for your kind information.

Kindly communicate your acceptance, together with your official and residential addresses with your Telephone and Mobile numbers, email address at an early date for further correspondence.

Yours faithfully,
Sd/-P.Sreedhara Reddy
REGISTRAR

Copy to the Dean, Faculty of Sciences, S.V.U. College of Sciences, Tirupati for information.
Copy to the Principal, SVU College of Sciences, S.V.University, Tirupati, for information.
Copy to the Head, Department of Zoology, SVU College of Sciences, Tirupati, for information.
Copy to the Prof.P.Jacob Doss, Department of Zoology, Former Chairman BOS in Zoology (PG) , SVU College of Sciences, Tirupati with a request to handover the charge to the present Chairman.
Copy to the Deputy Registrar(Administration), S.V.University, Tirupati for information.
Copy to the Controller of Examinations, S.V.University, Tirupati, for information.
Copy to the Superintendent, E-II & B-VII, Sections, S.V.University, Tirupati, for information.
Copy to file

//t.c.f.b.o.//

ASST.ADMN.OFFICER
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI		
BOARD OF STUDIES IN ZOOLOGY (PG)		
	Date of Re-Constitution : 15-06-2020 UPTO 14-06-2023	
1.	**Prof.M.Srinivasulu Reddy** Department of Zoology S.V.U.College of Sciences, Tirupati	CHAIRMAN w.e.f 19-09-2020 upto 28-02- 2023
2.	Head Department of Zoology S.V.U. College of Sciences, TIRUPATI	EX-OFFICIO MEMBER
3.	Prof.A.Usha Rani Department of Zoology S.V.U.College of Sciences TIRUPATIl	INTERNAL MEMBER
4.	Dr. S.Kishore Associate Professor Department of Zoology S.V.U.College of Sciences TIRUPATIl	INTERNAL MEMBER
5.	TO BE APPOINTED	EXTERNAL MEMBER
6.	TO BE APPOINTED	EXTERNAL MEMBER

Sd/-P.Sreedhara Reddy
REGISTRAR

//t.c.f.b.o.//

ASST.ADMN.OFFICER
(ACADEMIC)

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Prof. M. Srinivasulu Reddy
Professor

SRI VENKATESWARA UNIVERSITY
Department of Zoology
Tirupati – 517 502, A.P., India.
Mobile: +91 9866206362
+91 9989897272
Email: profmsrsvu@gmail.com

No.SVUCS/Zool/MSR/BOS(Zoology) PG /2020

Date: 07.10.2020

To
The Registrar
Sri Venkateswara University
Tirupati – 517 502

Respected Sir,

Sub: Prof.M. Srinivasulu Reddy, Department of Zoology, S.V.University – Appointment of Chairman, BOS in Zoology – Sending of Acceptance – Reg.

Ref: Your Lr. No.C-II(c)/BOS/Zoology (PG)/2020, Dated : 24.09.2020.

Thanks for your letter (Ref.1) informing me that I was appointed as Chairman of the Board of Studies in Zoology (PG) of S.V. University. I am writing this to inform you that I am accepting the appointment of Chairman of Board of Studies in Zoology (PG). I am herewith submitting the details required by you.

Date of Retirement : 28.02.2023

Official address : Prof. M. Srinivasulu Reddy
Department of Zoology
S.V. University,
Tirupati – 517 502

Residential address : Prof. M. Srinivasulu Reddy
201 Avyay Avenue, Andhra Bank Colony
Bairagipatteda, Avilala
Tirupati – 517 507.

I request you to take necessary action.
Thanking you Sir,

Yours faithfully

(M. Srinivasulu Reddy)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI

(visit us: WWW.SVUniveristy.edu.in)

Telephone No: 91-877-2289429
Fax: 91-877-2289549

No.C-II(c)/Ad-hoc BOS Animal Bio-technology/2006

Date : 16-09-2019

From

THE REGISTRAR
S.V.UNIVERSITY
TIRUPATI

To

Prof.M.Srinivasulu Reddy
Department of Zoology
SVU College of Sciences,
Tirupati

Sir,

Sub: S.V.University – Academic Branch – Ad-hoc Board of Studies in Animal Bio-technology – Appointment of Chairman – Regarding.

Ref: Rector orders dated 07-09-2019.

******

With reference to the above, you are appointed as Chairman of the Ad-hoc Board of Studies in Animal bio-technology of the University; subject to the provisions as contained in the Chapter VIII: "BOARD OF STUDIES" of the Laws of the University. You will hold the office for residuary period of the Board w.e.f **07-09-2019 to 06-09-2022**, or till the date of your retirement, whichever is earlier.

In this connection, I am also to inform you that as per the Ordinance 4 of Chapter VIII of the Laws of the University. "A Member appointed in his capacity as a teacher in any of the University or Affiliated College, shall ceases to be a Member of the Board of Studies concerned from the date when he ceases to be a teacher in any such college or holder of any such Office or ceases to be a student.

A copy of the list of Members of the reconstitution of the Board of Studies is herewith enclosed for your kind information.

Please send a panel of External Members (not less than ten members) to appoint as external members of the Board of Studies.

Kindly communicate your acceptance, together with your official and residential addresses with your Telephone and Mobile numbers at an early date for further correspondence.

Yours faithfully,
Sd/-P.Sreedhara Reddy
REGISTRAR

Copy to the Dean, Faculty of Sciences, S.V.U. College of Sciences, Tirupati for information.
Copy to the Principal, SVU College of Sciences, S.V.University, Tirupati, for information.
Copy to the Head, Department of Zoology, SVU College of Sciences, Tirupati, for information.
Copy to the Members of the Ad-hoc Board of Studies in Animal Bio-technology, SVU College of Sciences, Tirupati for information.
Copy to the Deputy Registrar(Administration), S.V.University, Tirupati for information.
Copy to the Controller of Examinations, S.V.University, Tirupati, for information.
Copy to the Superintendent, E-II & B-VII, Sections, S.V.University, Tirupati, for information.
Copy to file

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI		
AD-HOC BOARD OF STUDIES IN ANIMAL BIO-TECHNOLOGY		
	Date of Re-Constitution : 18-05-2019 17-05-2022	
1.	**Prof.M.Sreenivasulu Reddy** Department of Zoology SVU College of Sciences, Tirupati	**CHAIRMAN** w.e.f. 07-09-2019
2.	Dr.S.Kishore Associate Professor Dept. of Zoology S.V.U. College of Sciences TIRUPATI	MEMBER
3.	Dr.M.Balaji Assistant Professor Dept. of Bio-chemistry S.V.U. College of Sciences TIRUPATI	MEMBER
4.	Dr.M.Nagalakshmi Devamma Assistant Professor Dept. of Botany S.V.U. College of Sciences TIRUPATI	MEMBER
5.	Dr.M.Charitha Devi Assistant Professor Dept. of Botany S.V.U. College of Sciences TIRUPATI	MEMBER
6	TO BE APPOINTED	EXTERNAL MEMBER
7	TO BE APPOINTED	EXTERNAL MEMBER

Sd/- P.SREEDHARA REDDY
REGISTRAR

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : TIRUPATI

Prof. M. Srinivasulu Reddy
Head of the Department
Co-Ordinator Bioinformatics
Co-Ordinator Animal Biotechnology
Member Secretary, IAEC

Department of Zoology
Tirupati – 517 502, A.P., India.
Phone No. Off : 0877-2289304 Ext.200
Mobile: +91 9866206362
+91 9989897272
Email : profmsrsvu@gmail.com

022

No.SVUCS/ZOOL/MSR/BOS-ABT/2019 Date: 25.09.2019

To
The Registrar
Sri Venkateswara University
Tirupati -517502.

"Through Proper Channel"

Sir,

Sub:-Ad-hoc Board of Studies in Animal Biotechnology – Sending of Acceptance as Chairman - Reg
Ref:- Your Lr. No. C. II(c) / Ad – hoc BOS Animal Biotechnology / 2006 dated 16.09.2019

@@@@@

With reference to the subject cited, I thank the University authorities for appointing me as Chairman Board of Studies in Animal Biotechnology (Vide Ref.1). I am herewith accepting the appointment as Chairman BOS in Animal Biotechnology.

I am furnishing the Official and Residential addresses as follows.

Official address :

Prof. M. Srinivasulu Reddy
Department of Zoology
S.V. University
Tirupati -517502.

Residential address :

Prof. M. Srinivasulu Reddy
Flat No. 201, Avyay Avenue
Andhra Bank colony, Avilala
Tirupati – 517507

Mobile No: 9866206362 & 9989897272
Email : profmsrsvu@gmail.com

Thanking You,

Yours Sincerely

(M. Srinivasulu Reddy)

Copy to
The Principal, SVUCS, Tirupati
HOD Zoology, SVUCS, Tirupati

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI
(visit us: WWW.SVUniveristy.ac.in)

Telephone No: 91-877-2289429
Fax: 91-877-2289549

No.C-II(c)/ BOS/ Animal Bio-technology/2022 Date : 01-02-2022

From

THE REGISTRAR
S.V.UNIVERSITY
TIRUPATI

To

Prof.P.Mahaboob Basha
Department of Zoology
Bangalore University
Jnanabharathi
Bangaluru-560056
Karnataka State
Email:pmbashabub@rediffmail.com
Phone:+91-9448701652

Sir,

Sub: S.V.University – Academic Branch – Course of Study - Ad-hoc Board of Studies in Animal Bio-technology – Appointment of External Member – Regarding.

Ref: 1. Letter No.SVUCS/BOS/ABT/(PG)/Nomination of External Members/2022, dt:05-01-2022.
2.Ordes of the Vice-chancellor's dt: 25-01-2022.

******

I am, by direction, to inform you that the Hon'ble Vice-Chancellor is pleased to appoint you as External Member of the Adhoc Board of Studies in Animal Bio-technology of this University, subject to the provision as contained in the amended Chapter VIII: "BOARD OF STUDIES" of the Laws of the University. You will hold the office with effect from **25-01-2022** to **17-05-2022.**

In this connection, I am also to inform you that as per the Ordinance 4 of Chapter VIII of the Laws of the University. "A Member appointed in his/her capacity as a teacher in any of the University or Affiliated College or Oriental College as the holder of an Office or as a Student, shall cease to be a Member of the Board of Studies concerned from the date when he/she ceases to be a teacher in any such college or holder of any such Office or ceases to be a student.

A copy of the list of Members of the Board of Studies is herewith enclosed for your kind information. Kindly communicate your official and residential addresses with your Telephone, Mobile numbers and e-mail address at an early date for further correspondence.

Yours faithfully,
Sd/-Obili.Mohammad Hussain
REGISTRAR

Copy to the Chairman, Ad-hoc Board of Studies in Animal Bio-technology, Department of Zoology, S.V.U. College of Sciences, Tirupati for information.
Copy to the Members of the Ad-hoc Board of Studies in Animal Bio-technology, S.V.U. College of Sciences, Tirupati for information.
Copy to the Head, Department of Zoology, SVU College of Sciences, Tirupati for information.
Copy to the Controller of Examinations/Asst.Registrar (Admn-T), S.V.University, Tirupati for information.
Copy to the Supdt. B-VII/E.II/C-I Sections, S.V.University, Tirupati for information.
Copy to file

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DEPUTY REGISTRAR
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SRI VENKATESWARA UNIVERSITY : : TIRUPATI
(visit us: WWW.SVUniveristy.ac.in)

Telephone No: 91-877-2289429
Fax: 91-877-2289549

No.C-II(c)/ BOS/ Animal Bio-technology/2022

Date : 01-02-2022

From

THE REGISTRAR
S.V.UNIVERSITY
TIRUPATI

To

Prof.C.Manjulatha
Department of Zoology
Andhra University
Visakhapatnam-530 003
Email:cmanjulatha@yahoo.com
Ph:+91-9440666036
+91-9493946140
+91-9341458320

Madam,

Sub: S.V.University – Academic Branch – Course of Study - Ad-hoc Board of Studies in Animal Bio-technology – Appointment of External Member – Regarding.

Ref: 1. Letter No.SVUCS/BOS/ABT/(PG)/Nomination of External Members/2022, dt:05-01-2022.
2.Ordes of the Vice-chancellor's dt: 25-01-2022.

******

I am, by direction, to inform you that the Hon'ble Vice-Chancellor is pleased to appoint you as External Member of the Adhoc Board of Studies in Animal Bio-technology of this University, subject to the provision as contained in the amended Chapter VIII: "BOARD OF STUDIES" of the Laws of the University. You will hold the office with effect from **25-01-2022** to **17-05-2022.**

In this connection, I am also to inform you that as per the Ordinance 4 of Chapter VIII of the Laws of the University. "A Member appointed in his/her capacity as a teacher in any of the University or Affiliated College or Oriental College as the holder of an Office or as a Student, shall cease to be a Member of the Board of Studies concerned from the date when he/she ceases to be a teacher in any such college or holder of any such Office or ceases to be a student.

A copy of the list of Members of the Board of Studies is herewith enclosed for your kind information. Kindly communicate your official and residential addresses with your Telephone, Mobile numbers and e-mail address at an early date for further correspondence.

Yours faithfully,
Sd/-Obili.Mohammad Hussain
REGISTRAR

Copy to the Chairman, Ad-hoc Board of Studies in Animal Bio-technology, Department of Zoology, S.V.U. College of Sciences, Tirupati for information.
Copy to the Members of the Ad-hoc Board of Studies in Animal Bio-technology, S.V.U. College of Sciences, Tirupati for information.
Copy to the Head, Department of Zoology, SVU College of Sciences, Tirupati for information.
Copy to the Controller of Examinations/Asst.Registrar (Admn-T), S.V.University, Tirupati for information.
Copy to the Supdt. B-VII/E.II/C-I Sections, S.V.University, Tirupati for information.
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DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI		
AD-HOC BOARD OF STUDIES IN ANIMAL BIO-TECHNOLOGY		
	Date of Re-Constitution : 18-05-2019 17-05-2022	
1.	**Prof.M.Sreenivasulu Reddy** Department of Zoology SVU College of Sciences, Tirupati	**CHAIRMAN** w.e.f. 07-09-2019 17-05-2022
2.	Dr.S.Kishore Associate Professor Dept. of Zoology S.V.U. College of Sciences TIRUPATI	MEMBER
3.	Dr.M.Balaji Assistant Professor Dept. of Bio-chemistry S.V.U. College of Sciences TIRUPATI	MEMBER
4.	Dr.M.Nagalakshmi Devamma Assistant Professor Dept. of Botany S.V.U. College of Sciences TIRUPATI	MEMBER
5.	Dr.M.Charitha Devi Assistant Professor Dept. of Botany S.V.U. College of Sciences TIRUPATI	MEMBER
6	Prof.P.Mahaboob Basha Department of Zoology Bangalore University Jnanabharathi Bangaluru-560056 Karnataka State Email:pmbashabub@rediffmail.com **Phone:+91-9448701652**	EXTERNAL MEMBER
7	Prof.C.Manjulatha Department of Zoology Andhra University Visakhapatnam-530 003 Email:cmanjulatha@yahoo.com Ph:+91-9440666036 +91-9493946140 **+91-9341458320**	EXTERNAL MEMBER

Sd/-Obili.Mohammad Hussain
REGISTRAR

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI

Telephone No: 91-877-2289429
Fax: 91-877-2289549

No.C-II(c)/BOS/Fishery Science & Aquaculture /2022

Date : 26-02-2022

From

THE REGISTRAR
S.V.UNIVERSITY
TIRUPATI

To
Dr.P.Naga Jyothi
Assistant Professor
Department of Fishery Science & Aquaculture
SVU College of Sciences,
Tirupati

Madam,

Sub: S.V.University – Academic Branch – Re-constitution of the Board of Studies in Fishery Science & Aquaculture (Combined) – Appointment of In-charge Chairperson – Regarding.

Ref:. Orders of the Vice-Chancellor dated 19-02-2022.

******

I am by direction to inform you that the Vice-Chancellor is pleased to appoint you as In-charge Chairperson of the Board of Studies in Fishery Science & Aquaculture (Combined) of the University, subject to the provisions as contained in the amended Chapter VIII: "BOARD OF STUDIES" of the Laws of the University. You will hold the Office for re-constitution of the above Board w.e.f.**22-02-2022** to **21-02-2025** or till the date of your retirement whichever is earlier.

In this connection, I am also to inform you that as per the Ordinance 4 of Chapter VIII of the Laws of the University. "A Member appointed in his capacity as a teacher in any of the University or Affiliated College, shall ceases to be a Member of the Board of Studies concerned from the date when he ceases to be a teacher in any such college or holder of any such Office or ceases to be a student.

Please send a panel of Experts atleast to a minimum of 10 members to appoint as three Internal and two External Members of the Board of Studies.

Kindly communicate your acceptance together with your official and residential addresses mobile no and mail ID at an early date for further correspondence.

Yours faithfully,
Sd/-Obili.Mohammad Hussain
REGISTRAR

Copy to the Dean, Faculty of Sciences, S.V.U. College of Sciences, Tirupati for information.
Copy to the Principal, SVU College of Sciences, S.V.University, Tirupati, for information.
Copy to the Assistant Registrar(Administration-T), S.V.University, Tirupati for information.
Copy to the Controller of Examinations, S.V.University, Tirupati, for information.
Copy to the Superintendent, E-II & B-VII, C-I Sections, S.V.University, Tirupati, for information.
Copy to file

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

Scanned with CamScanner

SRI VENKATESWARA UNIVERSITY : : TIRUPATI		
AD-HOC BOARD OF STUDIES IN ANIMAL BIO-TECHNOLOGY		
		Date of Re-Constitution : 18-05-2019 17-05-2022
1.	**Prof.M.Sreenivasulu Reddy** Department of Zoology SVU College of Sciences, Tirupati	**CHAIRMAN** w.e.f. 07-09-2019 17-05-2022
2.	Dr.S.Kishore Associate Professor Dept. of Zoology S.V.U. College of Sciences TIRUPATI	MEMBER
3.	Dr.M.Balaji Assistant Professor Dept. of Bio-chemistry S.V.U. College of Sciences TIRUPATI	MEMBER
4.	Dr.M.Nagalakshmi Devamma Assistant Professor Dept. of Botany S.V.U. College of Sciences TIRUPATI	MEMBER
5.	Dr.M.Charitha Devi Assistant Professor Dept. of Botany S.V.U. College of Sciences TIRUPATI	MEMBER
6	Prof.P.Mahaboob Basha Department of Zoology Bangalore University Jnanabharathi Bangaluru-560056 Karnataka State Email:pmbashabub@rediffmail.com **Phone:+91-9448701652**	EXTERNAL MEMBER
7	Prof.C.Manjulatha Department of Zoology Andhra University Visakhapatnam-530 003 Email:cmanjulatha@yahoo.com Ph:+91-9440666036 +91-9493946140 **+91-9341458320**	EXTERNAL MEMBER

Sd/-Obili.Mohammad Hussain
REGISTRAR

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI		
BOARD OF STUDIES IN ZOOLOGY (PG)		
		Date of Re-Constitution : 15-06-2020 UPTO 14-06-2023
1.	**Prof.M.Srinivasulu Reddy** Department of Zoology S.V.U.College of Sciences, Tirupati	CHAIRMAN w.e.f 19-09-2020 upto 28-02- 2023
2.	Head Department of Zoology S.V.U. College of Sciences, TIRUPATI	EX-OFFICIO MEMBER
3.	Dr. S.Kishore Associate Professor Department of Zoology S.V.U.College of Sciences TIRUPATIl	INTERNAL MEMBER
4.	Dr.Y.Suneetha Assistant Professor Department of Zoology S.V.U.College of Sciences TIRUPATIl	INTERNAL MEMBER
5.	Dr.M.Rajasekhar Assistant Professor Department of Zoology S.V.U.College of Sciences TIRUPATIl	INTERNAL MEMBER
6.	Dr.A.T.Venkat Ramana Reddy Department of Zoology Yogi Vemana University Kadapa YSR Dist. Email: atvrr@yogivemanauniversity.ac.in Phone:+91-9490907383	EXTERNAL MEMBER
7.	Prof.M.Ramachandra Mohan Department of Zoology Bngalore University Jnanabharathi Bangalore-560 056 Email:mohanramachandra@gmail.com Ph:+91-9448241251	EXTERNAL MEMBER

Sd/-Obili.Mohammad Hussain
REGISTRAR

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI		
BOARD OF STUDIES IN ZOOLOGY (PG)		
		Date of Re-Constitution : 15-06-2020 UPTO 14-06-2023
1.	**Prof.M.Srinivasulu Reddy** Department of Zoology S.V.U.College of Sciences, Tirupati	CHAIRMAN w.e.f 19-09-2020 upto 28-02- 2023
2.	Head Department of Zoology S.V.U. College of Sciences, TIRUPATI	EX-OFFICIO MEMBER
3.	Dr. S.Kishore Associate Professor Department of Zoology S.V.U.College of Sciences TIRUPATIl	INTERNAL MEMBER
4.	Dr.Y.Suneetha Assistant Professor Department of Zoology S.V.U.College of Sciences TIRUPATIl	INTERNAL MEMBER
5.	Dr.M.Rajasekhar Assistant Professor Department of Zoology S.V.U.College of Sciences TIRUPATIl	INTERNAL MEMBER
6.	Dr.A.T.Venkat Ramana Reddy Department of Zoology Yogi Vemana University Kadapa YSR Dist. Email: atvrr@yogivemanauniversity.ac.in Phone:+91-9490907383	EXTERNAL MEMBER
7.	Prof.M.Ramachandra Mohan Department of Zoology Bngalore University Jnanabharathi Bangalore-560 056 Email:mohanramachandra@gmail.com Ph:+91-9448241251	EXTERNAL MEMBER

Sd/-Obili.Mohammad Hussain
REGISTRAR

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI
(visit us: WWW.SVUniveristy.ac.in)

Telephone No: 91-877-2289429
Fax: 91-877-2289549

No.C-II(c)/ Ad-hoc BOS/ Animal Bio-technology/2022 Date : 20-05-2022

From

THE REGISTRAR
S.V.UNIVERSITY
TIRUPATI

To

Prof.Ch.Appa Rao
Department of Bio-chemistry
SVU College of Sciences,
Tirupati

Sir,

Sub: S.V.University – Academic Branch – Re-constitution of Ad-hoc Board of Studies in Animal Bio-technology – Appointment of Internal Member – Regarding.

Ref: Ordes of the Vice-chancellor dt: 11-05-2022.

******

I am, by direction, to inform you that the Hon'ble Vice-Chancellor is pleased to appoint you as Internal Member of the Ad-hoc Board of Studies in Animal Bio-technology of this University, subject to the provision as contained in the amended Chapter VIII: "BOARD OF STUDIES" of the Laws of the University. You will hold the office with effect from **18-05-2022** to **17-05-2025** (or) till the date of your retirement, whichever is earlier.

In this connection, I am also to inform you that as per the Ordinance 4 of Chapter VIII of the Laws of the University. "A Member appointed in his/her capacity as a teacher in any of the University or Affiliated College or Oriental College as the holder of an Office or as a Student, shall cease to be a Member of the Board of Studies concerned from the date when he/she ceases to be a teacher in any such college or holder of any such Office or ceases to be a student.

A copy of the list of Members of the Board of Studies is herewith enclosed for your kind information. Kindly communicate your official and residential addresses with your Telephone, Mobile numbers and e-mail address at an early date for further correspondence.

Yours faithfully,
Sd/-OBILI MAHAMMAD HUSSAIN
REGISTRAR

Copy to the Chairman, Ad-hoc Board of Studies in Animal Bio-technology, Department of Zoology, S.V.U. College of Sciences, Tirupati for information.
Copy to the Head, Department of Zoology/Bio-chemistry, SVU College of Sciences, Tirupati for information.
Copy to the Controller of Examinations/Asst.Registrar (Admn-T), S.V.University, Tirupati for information.
Copy to the Supdt. B-VII/E.II/C-I Sections, S.V.University, Tirupati for information.
Copy to file

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI
(visit us: WWW.SVUniveristy.ac.in)

Telephone No: 91-877-2289429
Fax: 91-877-2289549

No.C-II(c)/ Ad-hoc BOS/ Animal Bio-technology/2022

Date : 20-05-2022

From

THE REGISTRAR
S.V.UNIVERSITY
TIRUPATI

To

Dr.Y.Suneetha
Associate Professor
Department of Zoology
SVU College of Sciences,
Tirupati
Mobile:9985563644

Madam,

Sub: S.V.University – Academic Branch – Re-constitution of Ad-hoc Board of Studies in Animal Bio-technology – Appointment of Internal Member – Regarding.

Ref: Ordes of the Vice-chancellor dt: 11-05-2022.

******

I am, by direction, to inform you that the Hon'ble Vice-Chancellor is pleased to appoint you as Internal Member of the AAd-hoc Board of Studies in Animal Bio-technology of this University, subject to the provision as contained in the amended Chapter VIII: "BOARD OF STUDIES" of the Laws of the University. You will hold the office with effect from **18-05-2022** to **17-05-2025.**

In this connection, I am also to inform you that as per the Ordinance 4 of Chapter VIII of the Laws of the University. "A Member appointed in his/her capacity as a teacher in any of the University or Affiliated College or Oriental College as the holder of an Office or as a Student, shall cease to be a Member of the Board of Studies concerned from the date when he/she ceases to be a teacher in any such college or holder of any such Office or ceases to be a student.

A copy of the list of Members of the Board of Studies is herewith enclosed for your kind information. Kindly communicate your official and residential addresses with your Telephone, Mobile numbers and e-mail address at an early date for further correspondence.

Yours faithfully,
Sd/-OBILI MAHAMMAD HUSSAIN
REGISTRAR

Copy to the Chairman, Ad-hoc Board of Studies in Animal Bio-technology, Department of Zoology, S.V.U. College of Sciences, Tirupati for information.
Copy to the Head, Department of Zoology, SVU College of Sciences, Tirupati for information.
Copy to the Controller of Examinations/Asst.Registrar (Admn-T), S.V.University, Tirupati for information.
Copy to the Supdt. B-VII/E.II/C-I Sections, S.V.University, Tirupati for information.
Copy to file

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DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI
(visit us: WWW.SVUniveristy.ac.in)

Telephone No: 91-877-2289429
Fax: 91-877-2289549

No.C-II(c)/ Ad-hoc BOS/ Animal Bio-technology/2022 Date :20-05-2022

From

THE REGISTRAR
S.V.UNIVERSITY
TIRUPATI

To

Dr.J.Kamakshamma
Assistant Professor
Department of Botany
SVU College of Sciences,
Tirupati

Madam,

Sub: S.V.University – Academic Branch – Re-constitution of Ad-hoc Board of Studies in Animal Bio-technology – Appointment of Internal Member – Regarding.

Ref: Ordes of the Vice-chancellor dt: 11-05-2022.

******

I am, by direction, to inform you that the Hon'ble Vice-Chancellor is pleased to appoint you as Internal Member of the AAd-hoc Board of Studies in Animal Bio-technology of this University, subject to the provision as contained in the amended Chapter VIII: "BOARD OF STUDIES" of the Laws of the University. You will hold the office with effect from **18-05-2022** to **17-05-2025.**

In this connection, I am also to inform you that as per the Ordinance 4 of Chapter VIII of the Laws of the University. "A Member appointed in his/her capacity as a teacher in any of the University or Affiliated College or Oriental College as the holder of an Office or as a Student, shall cease to be a Member of the Board of Studies concerned from the date when he/she ceases to be a teacher in any such college or holder of any such Office or ceases to be a student.

A copy of the list of Members of the Board of Studies is herewith enclosed for your kind information. Kindly communicate your official and residential addresses with your Telephone, Mobile numbers and e-mail address at an early date for further correspondence.

Yours faithfully,
Sd/-OBILI MAHAMMAD HUSSAIN
REGISTRAR

Copy to the Chairman, Ad-hoc Board of Studies in Animal Bio-technology, Department of Zoology, S.V.U. College of Sciences, Tirupati for information.
Copy to the Head, Department of Zoology/Botany, SVU College of Sciences, Tirupati for information.
Copy to the Controller of Examinations/Asst.Registrar (Admn-T), S.V.University, Tirupati for information.
Copy to the Supdt. B-VII/E.II/C-I Sections, S.V.University, Tirupati for information.
Copy to file

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DEPUTY REGISTRAR
(ACADEMIC)

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SRI VENKATESWARA UNIVERSITY : : TIRUPATI		
Adhoc Board of Studies in Animal Bio-technology		
		Date of Re-Constitution : 18-05-2022 To 17-05-2025
1.	**Prof.M.Sreenivasulu Reddy** Department of Zoology S.V.U. College of Sciences, Tirupati	CHAIRMAN w.e.f. 07-09-2019 upto 06-09-2022
2.	Prof.Ch.Appa Rao Department of Bio-chemistry SVU College of Sciences, Tirupati	INTERNAL MEMBER
3.	Dr.Y.Suneetha Associate Professor Department of Zoology SVU College of Sciences, Tirupati Mobile:9985563644	INTERNAL MEMBER
4.	Dr.J.Kamakshamma Assistant Professor Department of Botany SVU College of Sciences, Tirupati	INTERNAL MEMBER
5.	TO BE APPOINTED	EXTERNAL MEMBER
6..	TO BE APPOINTED	EXTERNAL MEMBER

Sd/-OBILI MAHAMMAD HUSSAIN
REGISTRAR

//t.c.f.b.o.//

DEPUTY REGISTRAR
(ACADEMIC)

The Director
NAAC Committee
S.V. University
TIRUPATI - 517 502

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SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF ZOOLOGY

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022*.

S.No	Name of the Programme	Programme Code	Name of courses Revised			
			SEM-I	SEM-II	SEM-III	SEM-IV
1	M.Sc., Zoology	260	ZOO-103A ZOO-103B ZOO-104A ZOO-104B ZOO-105P ZOO-106P	ZOO-203A ZOO-203B ZOO-204A ZOO-204B ZOO-205P ZOO-206P	ZOO-303A ZOO-303B ZOO-304P ZOO-305 ZOO-306A ZOO-306B	ZOO-403A ZOO-403B ZOO-404P ZOO-405 ZOO-406A ZOO-406B

* Structure of the Programme enclosed

BOS Chairman

CHAIRMAN (BOS)
Deparment of Zoology

HOD

HEAD
Department of Zoology
Sri Venkateswara University
TIRUPATHI - 517 502, A.P.

Member

Member

SRI VENKATESWARA UNIVERSITY: TIRUPATI

S.V.U COLLEGE OF SCIENCES

DEPARTMENT OF ZOOLOGY

Course

M.Sc. ZOOLOGY

Choice Based Credit System (CBCS)

Academic Year 2021 – 22

Amended as per NEP-2020

Semester - I

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	ZOO-101	Mandatory	Invertebrata & Chordata	6	4	20	80	100
2		ZOO-102	Mandatory	Metabolic Regulation & Cell Function	6	4	20	80	100
3	Compulsory Foundation	ZOO-103A	Optional -1	Genetics & Evolution	6	4	20	80	100
		ZOO-103B		Endocrinology					
4	Elective Foundation	ZOO-104A	Optional -1	Tools & Techniques	6	4	20	80	100
		ZOO-104B		Genetic Engineering					
5	Practical - I	ZOO-105P	Paper 1 & 3	Lab-1	6	4		100	100
6	Practical - II	ZOO-106P	Paper 2 & 4	Lab-2	6	4		100	100
	Total				36	24	80	520	600
7	Audit Course-I				0	0	100	0	0

***All CORE Papers are Mandatory**

- **Compulsory Foundation - Choose one paper**
- **Elective Foundation - Choose one paper**
- **Audit Course – 100 marks (Internal) – Zero Credits under self study**
- **Interested students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits**.

Semester - II

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	ZOO-201	Mandatory	Molecular Biology	6	4	20	80	100
2		ZOO-202	Mandatory	Cell Biology & Immunology	6	4	20	80	100
3	Compulsory Foundation	ZOO-203A	Optional -1	Neurobiology & Animal Behavior	6	4	20	80	100
		ZOO-203B		Bioinformatics & Biostatistics					
4	Elective Foundation	ZOO-204A	Optional -1	Enzymology	6	4	20	80	100
		ZOO-204B		Pathobiology					
5	Practical - I	ZOO-205P	Paper 1 & 3	Lab-1	6	4		100	100
6	Practical - II	ZOO-206P	Paper 2 & 4	Lab-2	6	4		100	100
	Total				36	24	80	520	600
7	Audit Course-II				0	0	100	0	0

***All CORE Papers are Mandatory**

- **Compulsory Foundation - Choose one paper**
- **Elective Foundation - Choose one paper**
- **Audit Course – 100 marks (internal) – Zero Credits under self study**
- **Interested students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

Semester - III

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	ZOO-301	Mandatory	Developmental Biology	6	4	20	80	100
2		ZOO-302	Mandatory	Environmental Biology	6	4	20	80	100
3	Generic Elective	ZOO-303A	Optional -1	Animal Biotechnology	6	4	20	80	100
		ZOO-303B		Microbiology					
4	Practical - I	ZOO-304P	Core & Generic Electives	Lab-1	6	4		100	100
5	Skill Oriented Course	ZOO-305	Mandatory (Theory + Practical)	Economic Zoology	6 (3+3)	4	10	90 (40 + 50)	100
6	Open Elective	ZOO-306A	Optional - 1	Environmental Impact Assessment & Green Auditing	6	4	20	80	100
		ZOO-306B		Human Health and Infectious diseases					
	Total				36	24	90	510	600

***All CORE Papers are Mandatory**

- **Generic Elective - Choose two**
- **Core papers and Generic electives opted paper held Practical-I**
- **Skill Oriented Course is Mandatory. Relevant to Society along with practical (10 marks Internal, 40 final theory & 50 for practical's)**
- **Open Electives are for the Students of other Departments. Minimum One paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study.**
- **Interested students may register for MOOC with the approval of the concerned DDC.**

Semester - IV

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	ZOO-401	Mandatory	Toxicology	6	4	20	80	100
2		ZOO-402	Mandatory	Comparative Animal Physiology	6	4	20	80	100
3	Generic Elective	ZOO-403A	Optional -1	Biodiversity and Conservation	6	4	20	80	100
		ZOO-403B		Endocrinology					
4	Practical - II	ZOO-404P	Core & Generic Electives	Lab-1	6	4		100	100
5	Multi Disciplinary Course / Project Work	ZOO-405	Mandatory (Theory + Practical)	Principles and Practices of Aquaculture	6 (3+3)	4	10	90 (40 + 50)	100
6	Open Elective	ZOO-406A	Optional - 1	Environmental Microbiology	6	4	20	80	100
		ZOO-406B		Medical Biotechnology, IPR, Biosafety and Bioethics					
	Total				36	24	120	480	600

***All CORE Papers are Mandatory**

- **Generic Elective - Choose two**
- **Core papers and Generic elective opted paper held Practical-II**
- **Project Work – Collaboration with various firms/companies/societies.**
- **Multi-disciplinary course is Mandatory. Circle formation with other subjects/Dept. of Arts/Commerce**
- **Open Electives are for the Students of other Departments. Minimum One paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study.**
- **Interested students may register for MOOC with the approval of the concerned DDC.**

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF ZOOLOGY

Programme: Animal Biotechnology

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

S.No	Name of the Programme	Programme Code	Name of courses Revised
1	Animal Biotechnology	269	ABT-103B: Environmental Biology
2	Animal Biotechnology	269	ABT-104B: Human Health and Infectious Diseases
3	Animal Biotechnology	269	ABT-203B: Animal Biotechnology
4	Animal Biotechnology	269	ABT-204A: Toxicology
5	Animal Biotechnology	269	ABT-204B: Endocrinology

BOS Chairman

CHAIRMAN (BOS)
Deparment of Zoology

HOD

HEAD
Department of Zoology
Sri Venkateswara University
TIRUPATHI - 517 502. A.P.

Member

Member

DEPARTMENT OF ZOOLOGY

S.V.U. COLLEGE OF SCIENCES

SRI VENKATESWARA UNIVERSITY :TIRUPATI

RESTRUCTURED CURRICULUM FOR M.Sc. ANIMAL BIOTECHNOLOGY PROGRAMME TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

SYLLABUS

Amended as per NEP-2020

December-2021

Semester - I

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	ABT -101	Mandatory	Metabolic Regulation & Cell Function (MRCF)	6	4	20	80	100
2		ABT -102	Mandatory	Tools & Techniques (TT)	6	4	20	80	100
3	Compulsory Foundation	ABT-103A	Optional - 1	Microbiology and Diseases	6	4	20	80	100
		ABT-103B		Environmental Biology					
4	Elective Foundation	ABT-104A	Optional - 1	Environmental Biotechnology	6	4	20	80	100
		ABT-104B		Human Health and Infectious Diseases					
5	Practical - I	ABT-105P	Paper 1 & 3	Lab-1	6	4		100	100
6	Practical - II	ABT-106P	Paper 2 & 4	Lab-2	6	4		100	100
	Total				36	24	80	520	600
7	Audit Course-I				0	0	100	0	0

***All CORE Papers are Mandatory**

- **Compulsory Foundation - Choose one paper**
- **Elective Foundation - Choose one paper**
- **Audit Course – 100 marks (Internal) – Zero Credits under self study**
- **Interested students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

Semester - II

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	ABT-201	Mandatory	Molecular Biology (MB)	6	4	20	80	100
2		ABT-202	Mandatory	Animal Cell culture & Stem Cell Biology (ACC-SCB)	6	4	20	80	100
3	Compulsory Foundation	ABT-203A	Optional - 1	Cell Biology & Immunology (CB&IM)	6	4	20	80	100
		ABT-203B		Animal Biotechnology					
4	Elective Foundation	ABT-204A	Optional - 1	Toxicology	6	4	20	80	100
		ABT-204B		Endocrinology					
5	Practical - I	ABT-205P	Paper 1 & 3	Lab-1	6	4		100	100
6	Practical - II	ABT-206P	Paper 2 & 4	Lab-2	6	4		100	100
	Total				36	24	80	520	600
7	Audit Course-II				0	0	100	0	0

***All CORE Papers are Mandatory**

- **Compulsory Foundation - Choose one paper**
- **Elective Foundation - Choose one paper**
- **Audit Course – 100 marks (internal) – Zero Credits under self study**
- **Interested students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

Semester - III

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	ABT-301	Mandatory	Enzymology (ENZ)	6	4	20	80	100
2		ABT-302	Mandatory	Animal Reproduction, Breeding & Transgenic Technology (ARBTT)	6	4	20	80	100
3	Generic Elective	ABT-303A	Optional - 1	Bioinformatics & Biostatistics	6	4	20	80	100
		ABT-303B		Genetic Engineering (GE)					
4	Practical - I	ABT-304P	Core & Generic Electives	Lab-I	6	4		100	100
5	Skill Oriented Course	ABT-305	Mandatory (Theory + Practical)	Bio resource Technology (Apiculture, Sericulture, Aquaculture, Vermiculture)	6 (3+3)	4	10	90 (40 + 50)	100
6	Open Elective	ABT-306A	Optional - 1	Animal Biotechnology & Industrial Applications	6	4	20	80	100
		ABT-306B		Cancer Biology					
	Total				36	24	90	510	600

***All CORE Papers are Mandatory**

- **Generic Elective - Choose two**
- **Core papers and Generic electives opted paper held Practical-I**
- **Skill Oriented Course is Mandatory. Relevant to Society along with practical (10 marks Internal, 40 final theory & 50 for practical's)**
- **Open Electives are for the Students of other Departments. Minimum One paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study.**
- **Interested students may register for MOOC with the approval of the concerned DDC.**

Semester - IV

S.No	Components of Study	Title of the Course	Status of Paper	Title of the Paper	Credit Hrs / Week	Number of Credits	IA Marks	Semester End Marks	Total
1	Core*	ABT-401	Mandatory	Medical Biotechnology (MBT)	6	4	20	80	100
2		ABT-402	Mandatory	Fermentation Technology and Downstreaming Process(FTDSP)	6	4	20	80	100
3	Generic Elective	ABT-403A	Optional -1	Drug design and Development	6	4	20	80	100
		ABT-403B		Biosafety, Bio Ethics & Intellectual Property rights					
4	Practical - II (Project)	ABT-404	Mandatory	Project (Dissertation preparation & Submission)	6	4		100	100
5	Project Work	ABT-405	Mandatory	Viva-Voce	6	4	10	100	100
6	Open Elective	ABT-406A	Optional -1	Advanced Genomics and Proteomics	6	4	20	80	100
		ABT-406B		Animal Cell Culture Techniques					
	Total				36	24	120	480	600

***All CORE Papers are Mandatory**

- **Generic Elective - Choose two**
- **Core papers and Generic elective opted paper held Practical-II**
- **Project Work – Collaboration with various firms/companies/societies.**
- **Multi-disciplinary course is Mandatory. Circle formation with other subjects/Dept. of Arts/Commerce**
- **Open Electives are for the Students of other Departments. Minimum One paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study.**
- **Interested students may register for MOOC with the approval of the concerned DDC.**

Minutes of the meeting of the **Board of Studies in Business Management (PG)** held on 23rd April, 2022 at 09.30 AM in the Department of Management Studies, Sri Venkateswara University, Tirupati.

Members Present:

1. Prof. M. Srinivasa Reddy	Chairman
2. Prof. P. Raghunadha Reddy	Head & Member
3. Prof. Sardar Gugloth	Member

Resolved to introduce a Certificate course **"Personal Discovery through Entrepreneurship"**, in collaboration with Startup & Innovation Centre of our University, under the guidance of Northeastern University, USA. For this course the following regulations will be adopted:

- It will be offered from the academic year 2022 – 23.
- **Eligibility for admission:** Candidates with any bachelor degree with 60 percent aggregate percentage (with a relaxation of five percent to SC and ST candidates).
- **Admission:** will based percentage of marks obtained in the bachelor degree. However, Students pursuing UG/PG in the SVU campus will be given preference.
- **Duration:** one semester of 15 weeks, with 50 hours of course work.
- **Medium** of instruction is English Only.
- **Learning Format**: Full time offline and a few online classes from experts and mentors.
- **Fees**: Rs. 4,000/- with 50 percent concession to SC / ST candidates, and to any student studying in UG / PG programs offered in S.V. University campus.
- **Attendance:** Each student has to put in a minimum attendance of 75 percent, as per the rules in vogue.
- **Evaluation:** There shall be internal evaluation only. On the basis of evaluation done internally for 200 marks, candidates securing 60 percent in the internal assessment will be issued a certificate mentioning " completed successfully ".
- **Certificate:** will be issued jointly by the 'Department of Management Studies, and Startup & Innovation Centre of our University', signed by the Head of the Department (MBA), and CEO of Startup & Innovation Centre.

1. Prof. M. Srinivasa Reddy

2. Prof. P. Raghunadha Reddy

3. Prof. Sardar Gugloth

Minutes of the meeting of the **Board of Studies in Business Management (PG)** held on 29th March, 2022 at 10.30 AM in the Department of Management Studies, Sri Venkateswara University, Tirupati.

Members Present:

1. Prof. M. Srinivasa Reddy — Chairman
2. Prof. P. Raghunadha Reddy — Head & Member
3. Prof. Sardar Gugloth — Member

1. It is resolved to award letter grades and grade points to the MBA Candidates under the regulations 2016-17 of 2 Year MBA Degree Course and the regulations 2016-17 and existing regulations 2020-21 of 5 Year MBA (BBA+MBA) (Integrated) Degree Courses as detailed in the following table:

Letter Grade	Range of Marks	Grade Points
O (Outstanding)	75-100	7.5-10
A+ (Excellent)	65-74	6.5-7.4
A (Very Good)	60-64	6.0-6.4
B+ (Good)	55-59	5.5-5.9
B (Above Average)	50-54	5.0-5.4
C (Average)	41-49	4.1-4.9
P (Pass)	40	4.0
F (Fail)	< 40	00.39
Ab (Absent)	-	0

1. Prof. M. Srinivasa Reddy
2. Prof. P. Raghunadha Reddy
3. Prof. Sardar Gugloth

Minutes of the meeting of the **Board of Studies in Business Management (PG)** held on 07th January, 2022 at 10.30 AM in the Department of Management Studies, Sri Venkateswara University, Tirupati.

Members Present:

1. Prof. M. Srinivasa Reddy	Chairman
2. Prof. P. Raghunadha Reddy	Head & Member
3. Prof. Sardar Gugloth	Member
4. Prof. Srinivas Yogi Vemana University, Kadapa	External Member
5. Prof. K. Raji Reddy, Kakatiya University, Warangal	External Member

1. Resolved to approve the Regulations for MBA Programme drafted in the light of New Education Policy with effect from the academic year 2021 onwards.

2. Resolved to approve the syllabus of MBA Programme designed in line with NEP for the first year (I & II Semesters) to be implemented with effect from the academic year 2021 onwards.

1. Prof. M. Srinivasa Reddy

2. Prof. P. Raghunadha Reddy

3. Prof. Sardar Gugloth

4. Prof. Srinivas

5. Prof. K. Raji Reddy,

Minutes of the meeting of the **Board of Studies in Business Management (PG)** held on 27-06-2022 at 10.00 AM in the Department of Management Studies, Sri Venkateswara University, Tirupati.

Members Present:

1. Prof. M. Srinivasa Reddy — Chairman
2. Prof. P. Raghunadha Reddy — Head & Member
3. Prof. Sardar Gugloth — Member

- Decided to offer the following courses related to entrepreneurship as elective or specialisation courses which are not offered in previous syllabus.

Code No.	Title of the Paper	Components of Study Core/ Elective
351	Personal Discovery Through Entrepreneurship	Elective Life Skills
355	Family Business Management	Elective Practical
451	Social Entrepreneurship	Elective Community Service
453	Design Thinking and Innovation	Elective Skill Development
454	Business Planning And Ethics	Elective Practical
455	SaaS for Entrepreneurs	Elective Value added Course

- Resolved to offer the following entrepreneurship courses as open elective courses to benefit and encourage students of other disciplines of this University, as part of BOS

356	Women Entrepreneurs	Open Elective
452	Negotiation	Open Elective

- Decided to offer the following courses which are not available in the previous syllabus, to encourage start up and innovation culture among management students.

352	Creativity, Innovation and Entrepreneurship	Elective Skill Enhancement
353	Startups Management	Elective Value added Course

1. Prof. M. Srinivasa Reddy
2. Prof. P. Raghunadha Reddy
3. Prof. Sardar Gugloth

Prof. M.S. REDDY
Chairman BOS
Dept. of Management Studies
S.V. University, Tirupati

Minutes of the meeting of the **Board of Studies in Business Management (PG)** held on 03-12-2021 at 10.30 AM in the Department of Management Studies, Sri Venkateswara University, Tirupati.

Members Present:

1. Prof. M. Srinivasa Reddy	Chairman
2. Prof. P. Raghunadha Reddy	Head & Member
3. Prof. Sardar Gugloth	Member

- Discussed the NEP 2020 & initiatives of Government of India like "Atmanirbhbhar and Make in India.
- Decided to place more emphasis on self employment, and generation of employment by encouraging management students towards entrepreneurship.
- Identified the need for more courses related to entrepreneurship, which are not available in previous syllabus (2016 syllabus)

1. Prof. M. Srinivasa Reddy

2. Prof. P. Raghunadha Reddy

3. Prof. Sardar Gugloth

Prof. M.S. REDDY
Chairman BOS
Dept. of Management Studies
S.V. University, Tirupati.

Minutes of the meeting of the **Board of Studies in Business Management (PG)** held on 15-07-2022 at 10-00 AM in the Department of Management Studies, Sri Venkateswara University, Tirupati.

Members Present:

1. Prof. M. Srinivasa Reddy	Chairman
2. Prof. P. Raghunadha Reddy	Head & Member
3. Prof. Sardar Gugloth	Member

- In line with the NEP 2020, resolved to allow the students to study at least one course per semester in online mode, with the objective of giving flexibility and access to the vast pool of online resources.

1. Prof. M. Srinivasa Reddy
2. Prof. P. Raghunadha Reddy
3. Prof. Sardar Gugloth

Prof. M.S. REDDY
Chairman BOS
Dept. of Management Studies
S.V. University, Tirupati.

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF MASTER OF BUSINESS ADMINISTRATION

DEPARTMENT OF MBA

Syllabus revised during the Academic year 2021-2022

Name of the Programme	Papers Revised
MBA CBCS	**Semester-I** 107: Modelling with Excel
	Semester-II 208: Leadership Values, and Styles

Members present

Name of the Member	Signature
Prof M. Srinivasa Reddy	
Prof P. Raghunadha Reddy	
Prof G. Sardar.	

Prof. M.S. REDDY
Chairman BOS
Dept. of Management Studies
S.V. University, Tirupati-05

DEPARTMENT OF COMPUTER SCIENCE

S.V.U. COLLEGE OF MASTER OF BUSINESS ADMINISTRATION

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR MBA

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC

YEAR 2021 - 2022

Amended as per NEP-2020

3. To inculcate proactive thinking to ensure effective performance in the dynamic socio-economic and business ecosystem.

Annexure - 1

Semester – I

Code No.	Title of the Paper	Core/ Elective	No of credits	Sessional Marks	Semester End Marks	Exam Duration	Maximum Marks
101	Management and Organizational Behaviour	Core	4	30	70	3 Hrs	100
102	Managerial Communication	Core	4	30	70	3 Hrs	100
103	Managerial Economics	Core	4	30	70	3 Hrs	100
104	Accounting for Managers	Core	4	30	70	3 Hrs	100
105	Quantitative Analysis for Management Decisions	Core	4	30	70	3 Hrs	100
106	Business Statistics	Core	4	30	70	3 Hrs	100
107	Modelling with Excel	Core-Online	4	--	100	3 Hrs	100
108	Human Values and Professional Ethics	Audit		100			

Semester – II

Code No.	Title of the Paper	Core/ Elective	No of credits	Sessional Marks	Semester End Marks	Exam Duration	Maximum Marks
201	Marketing Management	Core	4	30	70	3 Hrs	100
202	Human Resources Management	Core	4	30	70	3 Hrs	100
203	Financial Management	Core	4	30	70	3 Hrs	100
204	Production Management	Core	4	30	70	3 Hrs	100
205	Business Research Methods	Core	4	30	70	3 Hrs	100
206	Operations Research	Core	4	30	70	3 Hrs	100
207	Management Information Systems	Core-Online	4	--	100	3 Hrs	100
208	Leadership Values, and Styles	Audit		100			

101 – Management and Organizational Behaviour

COURSE OBJECTIVES:

1. Provide conceptual understanding of management concepts

2. Familiarize the students with the contemporary issues of management

3. Enable them to apply the concepts in the organizations

UNIT – I

Introduction to Management – Principles of Management – Functions of management – Decision making process - Social responsibility of Management – Fundamentals of Planning, Organising, Staffing, Leading, and Controlling.

UNIT – II

Introduction to OB – Learning – Personality Theories– Perception – Learning Process, and Theories – Values & Attitudes.

UNIT – III

SVU COLLEGE OF COMMERCE, MANAGEMENT & COMPUTER SCIENCE : TIRUPATI

DEPARTMENT OF COMPUTER SCIENCE

Minutes of the meeting of the BOS in Computer Science (Combined) held virtually on 14-09-2020 at 11.00 AM

AGENDA

MCA 3year programme-Revision of syllabus-open elective courses for the year 2020.

MINUTES

Members of the BOS in Computer Science (Combined) discussed on the above specified agenda on the request of the students and resolved to do 20% revision in the syllabus pertaining to below specified open elective courses of MCA curriculum approved for the year 2016-17.

MCA III Semester : 306 -Programming in C

MCA IV Semester :406- Open Source Tool.

Members Present		Signature
1) Prof.S.Ramakrishna	- Chairman BOS	-
2) Prof. R. Satya Prasad	- External member	-
3) Prof. Ande Prasad	- External member	-
4) Prof.M.Padmavathamma	- Member	-
5) Prof.G.Anjan Babu	- Member	-
6) Dr.E.Kesavulu Reddy	- Member	-

Chairman BOS

Prof. Dr. S. RAMAKRISHNA
Chairman BOS
Dept. of Computer Science
S.V. University
TIRUPATI - 517 502

SVU COLLEGE OF COMMERCE, MANAGEMENT & COMPUTER SCIENCE : TIRUPATI

DEPARTMENT OF COMPUTER SCIENCE

Minutes of the meeting of the BOS in Computer Science (Combined) held virtually on 27-11-2020 at 12.00 PM.

AGENDA

1. MCA 2 year Programme Structure and Syllabus for the academic year 2020-2021.
2. Internal/ Sessional marks to be increased from 20 to 30.

MINUTES

Members of the BOS in Computer Science (Combined) discussed on the above specified agenda and resolved to send to the University for its approval.

Members Present			Signature
1) Prof.S.Ramakrishna	-	Chairman BOS	-
2) Prof. R. Satya Prasad	-	External member	-
3) Prof. Ande Prasad	-	External member	-
4) Prof.M.Padmavathamma	-	Member	-
5) Prof.G.Anjan Babu	-	Member	-
6) Dr.E.Kesavulu Reddy	-	Member	-

Prof. Dr. S. RAMAKRISHNA
Chairman BOS
Dept. of Computer Science
S.V. University
TIRUPATI - 517 502

SVU COLLEGE OF COMMERCE, MANAGEMENT & COMPUTER SCIENCE : TIRUPATI

DEPARTMENT OF COMPUTER SCIENCE

Minutes of the meeting of the BOS Internal Members held on 06-11-2020 at 12.00 PM in the Committee Hall, Department Of Computer Science, SVU College of CM&CS, Tirupati.

MINUTES

BOS Internal Members discussed about the sessional Marks (Internal Marks) of MCA Programme and resolved that the sessional marks is to be increased from 20 to 30 and University Marks is to be reduced from 80 to 70 from the Academic Year 2020-2021.

BOS Internal Members Present

1) Prof . M.Padmavathamma	-	Member	-
2) Prof.G.Anjan Babu	-	Member	-
3) Dr.E.Kesavulu Reddy	-	Member	-
4) Prof.S.Ramakrishna	-	Chairman BOS	-

Head
Department of Computer Science
S.V.U. College of CMCS
Sri Venkateswara University
TIRUPATI-517 502

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF COMMERCE MANAGEMENT & COMPUTER SCIENCE

MCA PROGRAMME

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

Courses Revised in MCA Programme	
Semester – I MCA104: Operating Systems MCA105: Financial management MCA105B: Accounting Essentials for Computer Applications MCA object oriented MCA107: P Programming MCA108P: Operating Systems Lab	**Semester – II** **MCA205A:** E-Commerce MCA205B: Cyber Security MCA205C: Neural Networks MCA303 : Web Technologies MCA 304A : warehousing and Data mining MCA304B: Big Data Analytics 304C: System Programming
Semester – III 305A: Cryptography and Network Security 305B: Artificial Intelligence 305C.Mobile Application Development 306: The courses offered by Other departments 307: Technical Seminar MCA: Software Lab III 309P: Web Technologies Lab MCA310P: Minor Project work	**Semester – IV** 401A: Cloud Computing 401B: Dot Net Technologies 401C: Technologies Testing MCA402A: Essentials of Data Science 402B: Deep Learning 402C: Internet of Things 403: Major Project work One Month Course work & 3 Months **on site** project)

BOS Chairman

Prof. Dr. S. RAMAKRISHNA
Chairman BOS
Dept. of Computer Science
S.V. University
TIRUPATI - 517 502

HOD

HEAD
Department of Computer Science
S.V.U. College of CMCS
Sri Venkateswara University
TIRUPATI-517 502

Member

Member

DEPARTMENT OF COMPUTER SCIENCE

S.V.U. COLLEGE OF COMMERCE MANAGEMENT AND COMPUTER SCIENCE

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR

MCA

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2020-2021

NEP-2020

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SRI VENKATESWARA UNIVERSITY: TIRUPATI

DEPARTMENT OF COMPUTER SCIENCE

ADOPTION OF CBCS SYSTEM FOR TWO YEAR MCA PROGRAMME WITH EFFECT FROM 2020-21

Semester	Course Number	Course Title	Core/Generic Elective /Open Elective/ Compul Foundation	No Of Credits	L	T	P	Total	Maximum marks		Total Marks
									Session	univ	
I SEM	MCA 101	Discrete Mathematical Structures		4	3	1		4	30	**70**	100
	MCA 102	Object Oriented Programming with Java	Core	4	3	1		4	30	70	100
	MCA 103	Computer Organization	Core	4	3	1		4	30	70	100
	MCA 104	Operating Systems	Core	4	3	1		4	30	70	100
	MCA 105	105A.Accounting and Financial management 105B.Accounting Essentials for Computer Applications	Generic Elective	4	3	1		4	30	70	100
	MCA 106 P	Software Lab I (based on 101 & 103)	----	4	---	---	4	4	30	70	100
		MCA Object Oriented	----	4	--	--	4	4	30	70	100

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	107 P Programming Lab			-	-					
	MCA Operating Systems Lab 108P	----	4	-- -	-- -	4	4	30	70	100
	MCA 201 Computer Oriented Operations Research	Compul Foundation	4	3	1		4	30	70	100
	MCA 202 Data Structures using Java	Core	4	3	1		4	30	70	100
	MCA 203 Data Communication and Computer Networks	Core	4	3	1		4	30	70	100
II	MCA 204 Advanced Database Management Systems	Core	4	3	1		4	30	70	100
SEM	MCA 205 205A. E-Commerce 205B. Cyber Security 205C. Neural Networks	Generic Elective	4	3	1		4	30	70	100
	MCA 206 Group Discussion		2				2			50
	MCA 207P Software Lab II (Based on 201 & 203)	----	4	--	--		4	30	70	100
	MCA 208P Data Structures Lab	----	4	--	--		4	30	70	100
	MCA 209P Advanced Database Management Systems Lab	----	4	--	--		4	30	70	100

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III SEM	MCA 301	Software Engineering	Compul Foundation	4	3	1		4	30	70	100
	MCA 302	Computer Graphics	Core	4	3	1		4	30	70	100
	MCA 303	Web Technologies	Core	4	3	1		4	30	70	100
	MCA 304	304A.Data warehousing and Data mining 304B.Big Data Analytics 304C System Programming	Generic Elective	4	3	1		4	30	70	100
	MCA 305	305A. Cryptography and Network Security 305B.Artificial Intelligence 305C.Mobile Application Development	Generic Elective	4	3	1		4	30	70	100
	MCA 306	The courses offered by Other departments	Open Elective	4	3	1		4	30	70	100
	MCA 307	Technical Seminar		2				2			50
	MCA	Software Lab III	----	4	--	--		4	30	70	100

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	308P	(301&302)									
	MCA 309P	Web Technologies Lab	----	4	--	--		4	30	70	100
	MCA 310P	Minor Project work	----	4	--	--		4	30	70	100
IV SEM	MCA 401	401A.Cloud Computing 401B. Dot Net Technologies 401C. Software Testing	Generic Elective	4	3	1		4	30	70	100
	MCA 402	402A. Essentials of Data Science 402B.Deep Learning 402C.Internet of Things	Generic Elective	4	3	1		4	30	70	100
	403	Major Project work (One Month Course work & 3 Months **on site** project)		12				12	100	200	300

The following are the Open Elective Courses offered by the Department Of Computer Science for theStudents other Disciplines:

MCA III Semester:

Programming in C

Open Source Tools

Internet Fundamentals

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SRI VENKATESWARA UNIVERSITY: COLLEGE OF COMMERCE, MANAGEMENT AND COMPUTER SCIENCE : TIRUPATI

DEPARTMENT OF COMMERCE

Dt: 19-01-2022

Minutes of the meeting of Local PG BOS in commerce held at 11.00 a.m. on 19-01-2022 in the Chamber of the Chairman, BOS (P.G)

MEMBERS PRESENT:

1. Prof. M. Venkateswarlu
   Chairman, BOS
2. Prof. P.V. Narasaiah
   Head, Ex-officio Member
3. Prof. M. Rajasekhar
   Member
4. Prof. P. Mohan Reddy
   Member
5. Prof. K. Jayachandra Reddy
   Member
6. Prof. S. Raghunadha Reddy
   External Member

- Resolved to adopt the revised course structure for M.Com (R), M.Com (FM) and M.Com (A&F) under CBCS with effect from the academic year 2021-22 as per letter No: CH (A.B.&F) /P.G. Revise syllabi/NEP/2021, Dated: 01-10-2021. The list of the subject titles is appended in Annexure – I, II, and III respectively.
- Resolved to adopt the similar course structure and syllabus for affiliated colleges under S.V. University.
- Resolved to request the University to approve the revised Course Structure syllabusand Model Question Papers for M.Com (R), M.Com (FM) and M.Com (A&F) underCBCS with effect from the academic year 2021-22.

1. Prof. M. Venkateswarlu :
2. Prof. P.V. Narasaiah :
3. Prof. M. Rajasekhar :
4. Prof. P. Mohan Reddy : P. Mohan Reddy
5. Prof. K. Jayachandra Reddy :
6. Prof. S. Raghunadha Reddy :

CHAIRMAN, BOS IN COMMERCE

SRI VENKATESWARA UNIVERSITY: COLLEGE OF COMMERCE, MANAGEMENT AND COMPUTER SCIENCE : TIRUPATI

DEPARTMENT OF COMMERCE

Dt: 29-09-2022.

Minutes of the meeting of Local PG BOS in Commerce held at 11.a.m. on 29-09-2022 in the Chamber of the Chairman, BOS.

MEMBERS PRESENT:

1. Prof. P. Narasaiah
   Chairman, BOS :
2. Prof. M. Venkateswarlu
   Head, Ex-officio Member :
3. Prof. M. Rajasekhar
   Member :
4. Prof. P. Mohan Reddy
   Member :
5. Dr. K. Jayachandra Reddy
   Member :

Resolved to certify that the syllabus of 3 programmes i.e. M.Com (R); M.Com(FM) and M.Com(A&F) have been revised during the Academic year 2021-22. The percentage of change over the year 2016-2017 in respect of each paper and newly added papers (noted as 100% change) are mentioned in the last colum of course structure.

CHAIRMAN, BOS IN COMMERCE (PG)

CHAIRMAN BOS
Dept. of Commerce
S.V. University
TIRUPATI - 517 502

S.V. UNIVERSITY COLLEGE OF COMMERCE MANAGEMENT & COMPUTER SCIENCE, TIRUPATI

DEPARTMENT OF COMMERCE

M.COM (R) I –SEMESTER

2016-2017			2021-2022				
Core/ Compulsory/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017- 2021-22.
Core	M.Com (R) 101	Accounting standards & Reporting	Core	101	Accounting Standards & Reporting	Mandatory	10%
Core	M.Com (R) 102	Organizational Behaviour		102	Organizational Behaviour		20%
Core	M.Com (R) 103	Business Environment and Policy		103	Business Environment and Policy		25%
Core	M.Com (R) 104	Managerial Economics		104	Managerial Economics		50%
Compulsory Foundation	M.Com (R) 105	Quantitative Techniques for Business Decisions	Compulsory Foundation	105a	Quantitative Techniques for Business Decisions	Opt - I	15%
Elective Foundation	M.Com (R) 106	Human Values and Professional Ethics - I		105b	Research Methodology in Social Sciences		100%
				105c	Banking and Insurance Services		100%
			Elective Foundation	106a	Business Communication Skills	Opt - I	100%
				106b	Principles of Management		100%
			Audit course		Human Values & Professional Ethics - I		10%

CHAIRMAN BOS
Dept. of Commerce
S.V. University
TIRUPATI - 517 502

HEAD
DEPARTMENT OF COMMERCE
S. V. U. COLLEGE OF C M & C S
TIRUPATI-517 502

MEMBERS:
1
2

M.com (R) II –Semester

2016-2017			2021-2022				
Core/ Compulsory/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017 - 2021-22.
Core	M.Com (R) 201	Advanced cost Accounting	Core	201	Human Resource Management	Mandatory	20%
Core	M.Com (R) 202	Financial Management		202	Financial Management		20%
Core	M.Com (R) 203	Marketing Management		203	Marketing Management		25%
Core	M.Com (R) 204	Corporate Governance		204	Advanced cost Accounting		30%
Compulsory Foundation	M.Com (R) 205	Human Resource Management	Compulsory Foundation	205a	Corporate Governance	Opt - I	10%
Elective Foundation	M.Com (R) 206	Human Values and Professional Ethics - II		205b	Legal Aspects of Business		100%
			Elective Foundation	205c	Risk Management		20%
				206a	E-Banking Operations	Opt - I	20%
				206b	Management Information Systems		20%
			Audit Course		Human Values & Professional Ethics - II		

M.com (R) III –Semester

2016-2017			2021-2022				
Core/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017 - 2021-22.
Core	M.Com (R)301	Financial Markets and Services	Core	301	Financial Markets and Services	Mandatory	20%
Core	M.Com (R)302	Accounting for Managerial Decisions		302	Accounting for Managerial Decisions		20%
Core	M.Com (R) 303	Computer Applications in Business	Generic Electives	303a	Tally with GST Applications	Opt - 2	20%
Generic Electives	304(a)	Security Analysis and portfolio Management		303b	Security Analysis and portfolio Management		20%
	304 (b)	Business Communication		303c	Entrepreneurship & MSMEs		10%
	304 (c)	Entrepreneurship & MSMEs		303d	Total Quality Management		100%
	304 (d)	Management Information System	Skill Oriented Course	304	Internal Audit and Standard Audit Practices	Mandatory	100%
Open Elective	305 (a)	Fundamentals of Accounting	Open elective	305a	Fundamentals of Accounting	Opt - 1	20%
	305 (b)	Personal Financial Planning		305b	Personal Financial Planning		20%

M.COM (R) IV –SEMESTER

2016-2017			2021-2022				
Core/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017, 2021-22.
Core	M.Com (R) 401	International Financial Management	Core	401	International Financial Management	Mandatory	30%
Core	M.Com (R) 402	Tax planning & Management		402.	Tax planning & Management		10%
Core	M.Com (R) 403	Project Report & Viva-voce	Generic Electives	403a	GST and Customs Duty	Opt - 2	100%
Generic Electives	M.Com (R) 404(a)	Strategic Management		403b	Strategic Management		30%
	M.Com (R) 404(b)	Personality Development and Soft Skills		403c	Personality Development and Soft Skills		10%
	M.Com (R) 404(c)	E-Commerce		403d	E-Commerce		20%
	M.Com (R) 404(d)	Insurance Management	Multidisciplinary Course / Project Work	404	Project Report & Viva-voce	Mandatory	-------
Open Elective	M.Com (R) 405 (a)	E-Banking Operations	Open Elective	405a	Security Market Operation	Opt - 1	100%
	M.Com (R) 405 (b)	Security Market Operations		405b	Business Ethics		100%

BOS Chairman

CHAIRMAN BOS
Dept. of Commerce
S.V. University
TIRUPATI - 517 502

HEAD
DEPARTMENT OF COMMERCE
S. V. U. COLLEGE OF COMMERCE
TIRUPATI-517 502

Members
1
2
3

DEPARTMENT OF COMMERCE

S.V.U. COLLEGE OF CM & CS

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR

M. Com (REGULAR) PROGRAMME

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC

YEAR 2021-2022

M.COM (REGULAR) COURSE STRUCTURE
CHOICE BASED CREDIT SYSTEM
(With effect from 2021-22)

Semester – I

Sl.No	Components of Study	Title of the Course			Credit Hrs/ Week	No. of Credits	Internal Assessment Marks	Semester End ExamMarks	Total
1.	Core	101	Accounting Standards & Reporting	Mandatory	6	4	20	80	100
2.		102	Organizational Behavior		6	4	20	80	100
3.		103	Business Environment and Policy		6	4	20	80	100
4.		104	Managerial Economics		6	4	20	80	100
5.	Compulsory Foundation	105a	Quantitative Techniques for Business Decisions	Opt - I	6	4	20	80	100
		105b	Research Methodology in Social Sciences						
		105c	Banking and Insurance Services						
6.	Elective Foundation	106a	Business Communication Skills	Opt - I	6	4	20	80	100
		106b	Principles of Management						
Total					36	24	120	480	600
7.	Audit Course	Human Values & Professional Ethics - I			0	0	100	---	---

*All CORE Papers are Mandatory

- Compulsory Foundation – Choose one paper
- Elective – Foundation – Choose one paper.
- Audit Course – 100 Marks (Internal) – Zero Credits under Self Study
- Interested students may register for MOOC with the approval of the concerned DDC hut it will be considered for the award of the grade a open elective only given extra credits.

M.Com (Regular) Semester – II

Sl.No	Components of Study	Title of the Course			Credit Hrs/ Week	No. of Credits	Inter-nal Asses sment Marks	Semester End Exam Marks	Total
1.	Core	201	Human Resource Management	Mandatory	6	4	20	80	100
2.		202	Financial Management		6	4	20	80	100
3.		203	Marketing Management		6	4	20	80	100
4.		204	Advanced cost Accounting		6	4	20	80	100
5.	Compulsory Foundation	205a	Corporate Governance	Opt - I	6	4	20	80	100
		205b	Legal Aspects of Business						
		205c	Risk Management						
6.	Elective Foundation	206a	E-Banking Operations	Opt - I	6	4	20	80	100
		206b	Management Information Systems						
Total					36	24	120	480	600
7.	Audit Course	Human Values & Professional Ethics - II			0	0	100	---	---

*All CORE Papers are Mandatory

- Compulsory Foundation – Choose one paper
- Elective – Foundation – Choose one paper.
- Audit Course – 100 Marks (Internal) – Zero Credits under Self Study
- Interested students may register for MOOC with the approval of the concerned DDC hut it will be considered for the award of the grade a open elective only given extra credits.

M.Com (Regular) Semester – III

Sl.No	Components of Study	Title of the Course			Credit Hrs/ Week	No. of Credits	Inter-nal Asses sment Marks	Semester End Exam Marks	Total
1.	Core	301	Financial Markets and Services	Mandatory	6	4	20	80	100
2.		302	Accounting for Managerial Decisions		6	4	20	80	100
3.	Generic Elective	303a	Tally with GST Applications	Opt - 2	6	4	20	80	100
		303b	Security Analysis and portfolio Management		6	4	20	80	100
		303c	Entrepreneurship & MSMEs						
		303d	Total Quality Management						
4.	Skill Oriented Course	304	Internal Audit and Standard Audit Practices	Mandatory	6	4	20	80	100
5.	Open Elective	305a	Fundamentals of Accounting	Opt - I	6	4	20	80	100
		305b	Personal Financial Planning						
Total					36	24	120	480	600

*All CORE Papers are Mandatory

- Generic Elective – Choose two paper
- Skill Oriented Course is Mandatory.
- Open electives are for the students of other departments. Minimum one paper should be opted. Extra credits may earned by opting for more number of open electives depending on the interest of the student through self study.
- Interested students may register for MOOC with the approval of the concerned DDC.

M.Com (Regular) Semester – IV

Sl. No	Components of Study	Title of the Course			Credit Hrs/ Week	No. of Credits	Iiner-nal Assessment Marks	Semester End Exam Marks	Total
1.	Core	401	International Financial Management	Mandatory	6	4	20	80	100
2.		402.	Tax planning & Management		6	4	20	80	100
3.	Generic Elective	403a	GST and Customs Duty	Opt - 2	6	4	20	80	100
		403b	Strategic Management		6	4	20	80	100
		403c	Personality Development and Soft Skills						
		403d	E-Commerce						
4.	Multidisciplinary Course / Project work	404	Project Report & Viva-voce	Mandatory	6	4	50	50	100
5.	Open Elective	405a	Security Market Operation	Opt - I	6	4	20	80	100
		405b	Business Ethics						
Total					36	24	120	480	600

*All CORE Papers are Mandatory

- Generic Elective – Choose two paper
- Skill Oriented Course is Mandatory.
- Open electives are for the students of other departments. Minimum one paper should be opted. Extra credits may earned by opting for more number of open electives depending on the interest of the student through self study.
- Interested students may register for MOOC with the approval of the concerned DDC.

SRI VENKATESWARA UNIVERSITY: COLLEGE OF COMMERCE, MANAGEMENT AND COMPUTER SCIENCE : TIRUPATI

DEPARTMENT OF COMMERCE

Dt: 19-01-2022

Minutes of the meeting of Local PG BOS in commerce held at 11.00 a.m. on 19-01-2022 in the Chamber of the Chairman, BOS (P.G)

MEMBERS PRESENT:

1. Prof. M. Venkateswarlu
   Chairman, BOS
2. Prof. P.V. Narasaiah
   Head, Ex-officio Member
3. Prof. M. Rajasekhar
   Member
4. Prof. P. Mohan Reddy
   Member
5. Prof. K. Jayachandra Reddy
   Member
6. Prof. S. Raghunadha Reddy
   External Member

- Resolved to adopt the revised course structure for M.Com (R), M.Com (FM) and M.Com (A&F) under CBCS with effect from the academic year 2021-22 as per letter No: CH (A,B,&F) /P.G. Revise syllabi/NEP-2021, Dated: 01-10-2021. The list of the subject titles is appended in Annexure – I, II, and III respectively.
- Resolved to adopt the similar course structure and syllabus for affiliated colleges under S.V. University.
- Resolved to request the University to approve the revised Course Structure sylinbusand Model Question Papers for M.Com (R), M.Com (FM) and M.Com (A&F) underCBCS with effect from the academic year 2021-22.

1. Prof. M. Venkateswarlu :
2. Prof. P.V. Narasaiah :
3. Prof. M. Rajasekhar :
4. Prof. P. Mohan Reddy : P. Mohan Reddy
5. Prof. K. Jayachandra Reddy :
6. Prof. S. Raghunadha Reddy

CHAIRMAN, BOS IN COMMERCE

SRI VENKATESWARA UNIVERSITY: COLLEGE OF COMMERCE, MANAGEMENT AND COMPUTER SCIENCE : TIRUPATI

DEPARTMENT OF COMMERCE

Dt: 29-09-2022.

Minutes of the meeting of Local PG BOS in Commerce held at 11.a.m. on 29-09-2022 in the Chamber of the Chairman, BOS.

MEMBERS PRESENT:

1. Prof. P. Narasaiah
   Chairman, BOS :
2. Prof. M. Venkateswarlu
   Head, Ex-officio Member :
3. Prof. M. Rajasekhar
   Member :
4. Prof. P. Mohan Reddy
   Member :
5. Dr. K. Jayachandra Reddy
   Member :

Resolved to certify that the syllabus of 3 programmes i.e. M.Com (R); M.Com(FM) and M.Com(A&F) have been revised during the Academic year 2021-22. The percentage of change over the year 2016-2017 in respect of each paper and newly added papers (noted as 100% change) are mentioned in the last colum of course structure.

CHAIRMAN, BOS IN COMMERCE (PG)

CHAIRMAN BOS
Dept. of Commerce
S.V. University
TIRUPATI - 517 502

S.V. UNIVERSITY COLLEGE OF COMMERCE MANAGEMENT & COMPUTER SCIENCE, TIRUPATI

DEPARTMENT OF COMMERCE

M.COM (A&F) I –SEMESTER

2016-2017			2021-2022				
Core/ Compulsory/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017- 2021-22.
Core	M.Com (A&F)101	Accounting standards & Reporting	Core	101	Accounting Standards & Reporting	Mandatory	10%
Core	M.Com (A&F)102	Organizational Behaviour		102	Organizational Behaviour		20%
Core	M.Com (A&F)103	Business Environment and Policy		103	Business Environment and Policy		25%
Core	M.Com (A&F)104	Managerial Economics		104	Managerial Economics		50%
Compulsory Foundation	M.Com (A&F)105	Corporate Governance	Compulsory Foundation	105a	Corporate Governance	Opt - I	10%
Elective Foundation	M.Com (A&F)106	Human Values and Professional Ethics - I		105b	Research Methodology in Social Sciences		100%
				105c	Banking and Insurance Services		100%
			Elective Foundation	106a	Business Communication Skills	Opt - I	100%
				106b	Principles of Management		100%
			Audit course		Human Values & Professional Ethics - I		10%

Chairman BOS

CHAIRMAN BOS
Dept. of Commerce
S.V. University
TIRUPATI - 517 502

HEAD
DEPARTMENT OF COMMERCE
S. V. U. COLLEGE OF C M & C S
TIRUPATI-517 502

MEMBERS
1.
2.
3.

M.com (A&F) II –Semester

2016-2017			2021-2022				
Core/ Compulsory/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017 - 2021-22.
Core	M.Com (A&F)201	Advanced cost Accounting	Core	201	Advanced cost Accounting	Mandatory	30%
Core	M.Com (A&F)202	Financial Markets and Services		202	Financial Markets		20%
Core	M.Com (A&F)203	Strategic Financial Management		203	Marketing Management		25%
Core	M.Com (A&F)204	Corporate Governance		204	Accounting Practices in Banks		20%
Compulsory Foundation	M.Com (A&F)205	Working Capital Management & Policy	Compulsory Foundation	205a	Quantitative Techniques for Business Decisions	Opt - I	15%
Elective Foundation	M.Com (A&F)206	Human Values and Professional Ethics - II		205b	Legal Aspects of Business		100%
			Elective Foundation	205c	Risk Management		20%
				206a	e-Banking Operations	Opt - I	20%
				206b	Management Information Systems		20%
			Audit Course		Human Values & Professional Ethics - II		10%

M.com (A&F) III –Semester

2016-2017			2021-2022				
Core/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017 - 2021-22.
Core	M.Com (A&F)301	Financial Derivatives	Core	301	Financial Derivatives	Mandatory	10%
Core	M.Com (A&F)302	Financial Markets and Services		302	Financial Markets and Services		20%
Core	M.Com (A&F)303	Computer Applications in Business	Generic Electives	303a	Tally with GST Application	Opt - 2	20%
Generic Electives	M.Com (A&F)304(a)	Accounting for Managerial Decisions		303b	Accounting for Managerial Decisions		20%
	304 (b)	Tax Planning & Management		303c	Tax planning & Management		10%
	304 (c)	Mergers & Acquisitions		303d	International Accounting & Reporting		100%
	304 (d)	Business Communication	Skill Oriented Course	304	Internal Audit and Standard Audit Practices	Mandatory	100%
Open Elective	M.Com (A&F)305(a)	Fundamentals of Accounting	Open elective	305a	Fundamentals of Accounting	Opt - 1	20%
	305 (b)	Personal Financial Planning		305b	Personal Finance Planning		20%

M.COM (A&F) IV –SEMESTER

2016-2017			2021-2022				
Core/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017, 2021-22.
Core	M.Com (A&F)401	Strategic Financial Management	Core	401	Strategic Financial Management	Mandatory	10%
Core	M.Com (A&F)402	Investment Management		402.	Investment Management		20%
Core	M.Com (A&F)403	Project Report & Viva-voce	Generic Electives	403a	International Financial Management	Opt - 2	100%
Generic Electives	M.Com (A&F)404(a)	International Financial Management		403b	Personality Development and Soft Skills		10%
	M.Com (A&F)404(b)	Personality Development and Soft Skills		403c	Mergers & Acquisitions		100%
	M.Com (A&F) 404(c)	International Accounting & Reporting		403d	GST and Customs Duty		100%
	M.Com (A&F)404(d)	Financial Management in Banks	Multidisciplinary Course / Project Work	404	Project Report & Viva-voce	Mandatory	-------
Open Elective	M.Com (FM)405(a)	E-Banking Operations	Open Elective	405a	Security Market Operations	Opt - 1	100%
	M.Com (FM)405(b)	Security Market Operations		405b	Business Ethics		100%

DEPARTMENT OF COMMERCE

S.V.U. COLLEGE OF CM & CS

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR

M. Com (ACCOUNTING AND FINANCE) PROGRAMME

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022 (NEP-2020)

Acquire knowledge on the current trends in accounting and financial system and their impact on the economy and society as well.

PO10: (Social) Social responsibility

Apply reasoning provided by the continual knowledge to assess societal legal and cultural issues and the consequent responsibility relevant to the accounting, finance, marketing and tax planning practices.

PO11: (Ethics) Ethics and Equities

Explore the axiomatic wisdom an ethics and equities in various walks of life and professions and learn who to thrive in the society with moral and ethical values.

PO12: (LLL) Life-long learning

To apply skills and techniques acquired through theory and practical computer and project field works by tackle it the current issues in field of accounting and finance. Also perceive the new concepts like ABC, Financial engineering etc.,

M.Com (Accounting & Finance) Course Structure
Choice Based credit system
(With effect from 2021-22)
Semester – I

Sl. No	Components of Study	Title of the Course			Credit Hrs/ Week	No. of Credit	Internal Assess-ment Marks	Semester End Exam Marks	Total
1.	Core	101	Accounting Standards & Reporting	Mandatory	6	4	20	80	100
2.		102.	Organizational Behaviour		6	4	20	80	100
3.		103.	Business Environment and Policy		6	4	20	80	100
4.		104.	Managerial Economics		6	4	20	80	100
5.	Compulsory Foundation	105a	Corporate Governance	Opt - I	6	4	20	80	100
		105b	Research Methodology in Social Sciences						
		105c	Banking and Insurance Services						
6.	Elective Foundation	106a	Business Communication Skills	Opt - I	6	4	20	80	100
		106b	Principles of Management						
Total					36	24	120	480	600
7.	Audit Course	Human Values & Professional Ethics - I			0	0	100	---	---

*All CORE Papers are Mandatory

- Compulsory Foundation – Choose one paper
- Elective – Foundation – Choose one paper.
- Audit Course – 100 Marks (Internal) – Zero Credits under Self Study
- Interested students may register for MOOC with the approval of the concerned DDC hut it will be considered for the award of the grade a open elective only given extra credits.

M.Com (A&F) Semester – II

Sl. No	Components of Study	Title of the Course			Credit Hrs/ Week	No. of Credit	Internal Assess-ment Marks	Semester End Exam Marks	Total
1.	Core	201	Advanced cost Accounting	Mandatory	6	4	20	80	100
2.		202.	Financial Management		6	4	20	80	100
3.		203.	Marketing Management		6	4	20	80	100
4.		204.	Accounting Practices in Banks		6	4	20	80	100
5.	Compulsory Foundation	205a	Quantitative Techniques for Business Decisions	Opt - I	6	4	20	80	100
		205b	Legal Aspects of Business						
		205c	Risk Management						
6.	Elective Foundation	206a	e-Banking Operations	Opt - I	6	4	20	80	100
		206b	Management Information Systems						
Total					36	24	120	480	600
7.	Audit Course	Human Values & Professional Ethics - II			0	0	100	---	---

*All CORE Papers are Mandatory

- Compulsory Foundation – Choose one paper
- Elective – Foundation – Choose one paper.
- Audit Course – 100 Marks (Internal) – Zero Credits under Self Study
- Interested students may register for MOOC with the approval of the concerned DDC hut it will be considered for the award of the grade a open elective only given extra credits.

M.Com (A&F) Semester – III

Sl. No	Components of Study	Title of the Course			Credit Hrs/ Week	No. of Credit	Internal Assess-ment Marks	Semester End Exam Marks	Total
1.	Core	301	Financial Derivatives	Mandatory	6	4	20	80	100
2.		302.	Financial Markets and Services		6	4	20	80	100
3.	Generic Elective	303a.	Tally with GST Application	Opt - 2	6	4	20	80	100
		303b.	Accounting for Managerial Decisions		6	4	20	80	100
		303c.	Tax planning & Management						
		303d.	International Accounting & Reporting						
4.	Skill Oriented Course	304	Internal Audit and Standard Audit Practices	Mandatory	6	4	20	80	100
5.	Open Elective	305a	Fundamentals of Accounting	Opt - I	6	4	20	80	100
		305b	Personal Finance Planning						
Total					36	24	120	480	600

*All CORE Papers are Mandatory

- Generic Elective – Choose two paper
- Skill Oriented Course is Mandatory.
- Open electives are for the students of other departments. Minimum one paper should be opted. Extra credits may earned by opting for more number of open electives depending on the interest of the student through self-study.
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M.Com (A&F) Semester – IV

Sl. No	Components of Study	Title of the Course			Credit Hrs / Week	No. of Credit	Internal Assess-ment Marks	Semester End Exam Marks	Total
1.	Core	401	Strategic Financial Management	Mandatory	6	4	20	80	100

2.		402.	Investment Management		6	4	20	80	100
3.	Generic Elective	403a.	International Financial Management	Opt - 2	6	4	20	80	100
		403b.	Personality Development and Soft Skills		6	4	20	80	100
		403c.	Mergers & Acquisitions						
		403d.	GST and Customs Duty						
4.	Multidisciplinary Course / Project work	404	Project Report & Viva-voce	Mandatory	6	4	20	80	100
5.	Open Elective	405a	Security Market Operations	Opt - I	6	4	20	80	100
		405b	Business Ethics						
Total					36	24	120	480	600

*All CORE Papers are Mandatory

- Generic Elective – Choose two paper
- Skill Oriented Course is Mandatory.
- Open electives are for the students of other departments. Minimum one paper should be opted. Extra credits may earned by opting for more number of open electives depending on the interest of the student through self-study.
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SRI VENKATESWARA UNIVERSITY: COLLEGE OF COMMERCE, MANAGEMENT AND COMPUTER SCIENCE : TIRUPATI

DEPARTMENT OF COMMERCE

Dt: 19-01-2022

Minutes of the meeting of Local PG BOS in commerce held at 11.00 a.m. on 19-01-2022 in the Chamber of the Chairman, BOS (P.G)

MEMBERS PRESENT:

1. Prof. M. Venkateswarlu
   Chairman, BOS
2. Prof. P.V. Narasaiah
   Head, Ex-officio Member
3. Prof. M. Rajasekhar
   Member
4. Prof. P. Mohan Reddy
   Member
5. Prof. K. Jayachandra Reddy
   Member
6. Prof. S. Raghunadha Reddy
   External Member

- Resolved to adopt the revised course structure for M.Com (R), M.Com (FM) and M.Com (A&F) under CBCS with effect from the academic year 2021-22 as per letter No: CH (A.B.&F) /P.G. Revise syllabi/NEP/2021, Dated: 01-10-2021. The list of the subject titles is appended in Annexure – I, II, and III respectively.
- Resolved to adopt the similar course structure and syllabus for affiliated colleges under S.V. University.
- Resolved to request the University to approve the revised Course Structure syllabusand Model Question Papers for M.Com (R), M.Com (FM) and M.Com (A&F) underCBCS with effect from the academic year 2021-22.

1. Prof. M. Venkateswarlu :
2. Prof. P.V. Narasaiah :
3. Prof. M. Rajasekhar :
4. Prof. P. Mohan Reddy : P. Mohan Reddy
5. Prof. K. Jayachandra Reddy :
6. Prof. S. Raghunadha Reddy :

CHAIRMAN, BOS IN COMMERCE

SRI VENKATESWARA UNIVERSITY: COLLEGE OF COMMERCE, MANAGEMENT AND COMPUTER SCIENCE : TIRUPATI

DEPARTMENT OF COMMERCE

Dt: 29-09-2022.

Minutes of the meeting of Local PG BOS in Commerce held at 11.a.m. on 29-09-2022 in the Chamber of the Chairman, BOS.

MEMBERS PRESENT:

1. Prof. P. Narasaiah
   Chairman, BOS :
2. Prof. M. Venkateswarlu
   Head, Ex-officio Member :
3. Prof. M. Rajasekhar
   Member :
4. Prof. P. Mohan Reddy
   Member :
5. Dr. K. Jayachandra Reddy
   Member :

Resolved to certify that the syllabus of 3 programmes i.e. M.Com (R); M.Com(FM) and M.Com(A&F) have been revised during the Academic year 2021-22. The percentage of change over the year 2016-2017 in respect of each paper and newly added papers (noted as 100% change) are mentioned in the last colum of course structure.

CHAIRMAN, BOS IN COMMERCE (PG)

CHAIRMAN BOS
Dept. of Commerce
S.V. University
TIRUPATI - 517 502

S.V. UNIVERSITY COLLEGE OF COMMERCE MANAGEMENT & COMPUTER SCIENCE, TIRUPATI

DEPARTMENT OF COMMERCE

M.COM (FM) I –SEMESTER

2016-2017			2021-2022				
Core/ Compulsory/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017- 2021-22.
Core	M.Com (FM)101	Accounting standards & Reporting	Core	101	Accounting Standards & Reporting	Mandatory	10%
Core	M.Com (FM)102	Financial Management		102	Financial Management		10%
Core	M.Com (FM)103	Business Environment and Policy		103	Business Environment and Policy		25%
Core	M.Com (FM)104	Managerial Economics		104	Organisational Behaviour		15%
Compulsory Foundation	M.Com (FM)105	Quantitative Techniques for Business Decisions	Compulsory Foundation	105a	Quantitative Techniques for Business Decisions	Opt - I	15%
Elective Foundation	M.Com (FM)106	Human Values and Professional Ethics - I		105b	Research Methodology in Social Sciences		100%
				105c	Managerial Economics		50%
			Elective Foundation	106a	Business Communication Skills	Opt - I	100%
				106b	Principles of Management		100%
			Audit course		Human Values & Professional Ethics - I		10%

CHAIRMAN BOS
Dept. of Commerce
S.V. University
TIRUPATI - 517 502

HEAD
DEPARTMENT OF COMMERCE
S. V. U. COLLEGE OF C M & C S
TIRUPATI-517 502

MEMBERS :

1

2

3

M.com (FM) II –Semester

2016-2017			2021-2022				
Core/ Compulsory/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017 - 2021-22.
Core	M.Com (FM)201	Advanced cost Accounting	Core	201	Advanced cost Accounting	Mandatory	30%
Core	M.Com (FM)202	Financial Markets and Services		202	Financial Markets and Services		10%
Core	M.Com (FM)203	Strategic Financial Management		203	Strategic Financial Management		20%
Core	M.Com (FM)204	Corporate Governance		204	Corporate Governance		10%
Compulsory Foundation	M.Com (FM)205	Working Capital Management & Policy	Compulsory Foundation	205a	Working Capital Management	Opt - I	10%
Elective Foundation	M.Com (FM)206	Human Values and Professional Ethics - II		205b	Legal Aspects of Business		100%
			Elective Foundation	205c	Risk Management		20%
				206a	e-Banking Operations	Opt - I	20%
				206b	Management Information Systems		20%
			Audit Course		Human Values & Professional Ethics - II		10%

M.com (FM) III –Semester

2016-2017			2021-2022				
Core/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017 - 2021-22.
Core	M.Com (FM)301	Security Analysis & Portfolio Management	Core	301	Security Analysis and Portfolio Management	Mandatory	20%
Core	M.Com (FM)302	Accounting for Managerial Decisions		302	Accounting for Managerial Decisions		20%
Core	M.Com (FM)303	Computer Applications in Business	Generic Electives	303a	Tally with GST Application	Opt - 2	20%
Generic Electives	M.Com (FM) 304(a)	International Financial Management		303b	International Financial Management		30%
	304 (b)	Tax planning & Management		303c	Tax planning & Management		10%
	304 (c)	Business Communication		303d	Entrepreneurship & MSMEs		10%
	304 (d)	Entrepreneurship & MSMEs	Skill Oriented Course	304	Internal Audit and Standard Audit Practices	Mandatory	100%
Open Elective	M.Com (FM) 305 (a)	Fundamentals of Accounting	Open elective	305a	Fundamentals of Accounting	Opt - 1	20%
	305 (b)	Personal Financial Planning		305b	Personal Financial Planning		20%

M.COM (FM) IV –SEMESTER

2016-2017			2021-2022				
Core/ Elective	Code	Title of the Paper	Components of Study	Code	Title of the Course		% of Change in Syllabus over 2016-2017, 2021-22.
Core	M.Com (FM)401	Financial Derivatives	Core	401	Financial Derivatives	Mandatory	10%
Core	M.Com (FM)402	Project Planning & Control		402.	Project Planning & Control		30%
Core	M.Com (FM)403	Project Report & Viva-voce	Generic Electives	403a	Insurance Management	Opt - 2	20%
Generic Electives	M.Com (FM)404(a)	Insurance Management		403b	Personality Development and Soft Skills		10%
	M.Com (FM)404(b)	Personality Development and Soft Skills		403c	International Accounting & Reporting		100%
	M.Com (FM)404(c)	Mergers & Acquisitions		403d	GST and Customs Duty		100%
	M.Com (FM)404(d)	E- Commerce	Multidisciplinary Course / Project Work	404	Project Report & Viva-voce	Mandatory	-------
Open Elective	M.Com (FM)405(a)	E-Banking Operations	Open Elective	405a	Security Market Operations	Opt - 1	100%
	M.Com (FM)405(b)	Security Market Operations		405b	Business Ethics		100%

Chairman BOS

CHAIRMAN BOS
Dept. of Commerce
S.V. University
TIRUPATI - 517 502

HEAD
DEPARTMENT OF COMMERCE
S. V. U. COLLEGE OF C M & C S
TIRUPATI-517 502

MEMBERS
1
2
3

DEPARTMENT OF COMMERCE

S.V.U. COLLEGE OF CM & CS

SRI VENKATESWARA UNIVERSITY: TIRUPATI

RESTRUCTURED CURRICULUM FOR

M. COM (FINANCIAL MANAGEMENT) PROGRAMME

TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC

YEAR 2021-2022 (NEP-2020)

M.COM (FINANCIAL MANAGEMENT) COURSE STRUCTURE
CHOICE BASED CREDIT SYSTEM
(with effect from 2021-22)

Semester – I

Sl.No	Components of Study	Title of the Course			Credit Hrs/ Week	No. of Credits	Iiner-nal Asse ssme nt Mark s	Semester End Exam Marks	Total
1.	Core	101	Accounting Standards & Reporting	Mandatory	6	4	20	80	100
2.		102.	Financial Management		6	4	20	80	100
3.		103.	Business Environment and Policy		6	4	20	80	100
4.		104.	Organisational Behaviour		6	4	20	80	100
5.	Compulsory Foundation	105a	Quantitative Techniques for Business Decisions	Opt - I	6	4	20	80	100
		105b	Research Methodology in Social Sciences						
		105c	Managerial Economics						
6.	Elective Foundation	106a	Business Communication Skills	Opt - I	6	4	20	80	100
		106b	Principles of Management						
Total					36	24	120	480	600
7.	Audit Course	Human Values & Professional Ethics - I			0	0	100	---	---

*All CORE Papers are Mandatory

- Compulsory Foundation – Choose one paper
- Elective – Foundation – Choose one paper.
- Audit Course – 100 Marks (Internal) – Zero Credits under Self Study
- Interested students may register for MOOC with the approval of the concerned DDC hut it will be considered for the award of the grade a open elective only given extra credits.

M.Com (FM) Semester – II

Sl. No	Components of Study	Title of the Course			Credit Hrs/ Week	No. of Credits	Inter-nal Asse ssme nt Mark s	Semester End Exam Marks	Total
1.	Core	201	Advanced cost Accounting	Mandatory	6	4	20	80	100
2.		202.	Financial Markets and Services		6	4	20	80	100
3.		203.	Strategic Financial Management		6	4	20	80	100
4.		204.	Corporate Governance		6	4	20	80	100
5.	Compulsory Foundation	205a	Working Capital Management	Opt - I	6	4	20	80	100
		205b	Legal Aspects of Business						
		205c	Risk Management						
6.	Elective Foundation	206a	e-Banking Operations	Opt - I	6	4	20	80	100
		206b	Management Information Systems						
Total					36	24	120	480	600
7.	Audit Course	Human Values & Professional Ethics - II			0	0	100	---	---

*All CORE Papers are Mandatory

- Compulsory Foundation – Choose one paper
- Elective – Foundation – Choose one paper.
- Audit Course – 100 Marks (Internal) – Zero Credits under Self Study
- Interested students may register for MOOC with the approval of the concerned DDC hut it will be considered for the award of the grade a open elective only given extra credits.

M.Com (FM) Semester – III

Sl. No	Components of Study	Title of the Course			Credit Hrs/ Week	No. of Credits	Iiner-nal Asses sment Marks	Semes ter End Exam Marks	Total
1.	Core	301	Security Analysis and Portfolio Management	Mandatory	6	4	20	80	100
2.		302.	Accounting for Managerial Decisions		6	4	20	80	100
3.	Generic Elective	303a.	Tally with GST Application	Opt - 2	6	4	20	80	100
		303b.	International Financial Management		6	4	20	80	100
		303c.	Tax planning & Management						
		303d.	Entrepreneurship & MSMEs						
4.	Skill Oriented Course	304	Internal Audit and Standard Audit Practices	Mandatory	6	4	20	80	100
5.	Open Elective	305a	Fundamentals of Accounting	Opt - I	6	4	20	80	100
		305b	Personal Financial Planning						
Total					36	24	120	480	600

*All CORE Papers are Mandatory

- Generic Elective – Choose two paper
- Skill Oriented Course is Mandatory.
- Open electives are for the students of other departments. Minimum one paper should be opted. Extra credits may earned by opting for more number of open electives depending on the interest of the student through self-study.
- Interested students may register for MOOC with the approval of the concerned DDC.

M.Com (FM) Semester – IV

Sl. No	Components of Study	Title of the Course			Credit Hrs/ Week	No. of Credits	Iiner-nal Asses sment Marks	Semester End Exam Marks	Tota l
1.	Core	401	Financial Derivatives	Mandatory	6	4	20	80	100
2.		402.	Project Planning & Control		6	4	20	80	100
3.	Generic Elective	403a.	Insurance Management	Opt - 2	6	4	20	80	100
		403b.	Personality Development and Soft Skills		6	4	20	80	100
		403c.	International Accounting & Reporting						
		403d.	GST and Customs Duty						
4.	Multidisciplinar y Course / Project work	404	Project Report & Viva-voce	Mandatory	6	4	50	50	100
5.	Open Elective	405a	Security Market Operations	Opt - I	6	4	20	80	100
		405b	Business Ethics						
Total					36	24	120	480	600

*All CORE Papers are Mandatory

- Generic Elective – Choose two paper
- Skill Oriented Course is Mandatory.
- Open electives are for the students of other departments. Minimum one paper should be opted. Extra credits may earned by opting for more number of open electives depending on the interest of the student through self-study.
- Interested students may register for MOOC with the approval of the concerned DDC.

Prof S.D.S. Murthy
The Chairman
Board of Studies
SVU College of Pharmaceutical Sciences
S V University
Tirupati

Mobile: 9440587902
Professor
Dept. of Biochemistry
College of Sciences
S V University
Tirupati

18.02.2022

To

The Registrar
SV University
Tirupati.

Sir,

Sub:- SVU College of Pharmaceutical Sciences – Approval of M.Pharmacy Syllabus and Regulations- Reg.

Ref:- Letter No.C-II (A, B & F)/ NEP/2021, dated 01-10-2021.

***

With reference to the letter cited above, I am here by enclosing the soft & hard copies of the revised Syllabus and the regulations of the Master of Pharmacy Programme (M.Pharm) as per the NEP - 2020 guidelines and the PCI guidelines, along with the minutes of the BOS Meeting for the approval from the academic year 2021-2022

This is for your information and necessary action.

The Chairman
Board of Studies
Chairman,BOS
College of Pharmaceutical Sciences
S.V. University, Tirupati

Copy to the Dr. Registrar, Academic Branch, SV University, Tirupati.
Copy to the Principal, SVU College of Pharmaceutical Sciences, SV University, Tirupati.

SVU COLLEGE OF PHARMACEUTICAL SCIENCES : : TIRUPATI

Minutes of the meeting of the Board of Studies Committee (BOS) meeting held on 04-01-2022 at 11.00 A.M in the Chamber's of the Principal, SVU College of Pharmaceutical Sciences, Tirupati.

AGENDA:

1. To discuss the PCI recommended M.Pharmacy syllabus for implementation from 2021 – 2022 batch
2. To discuss on evaluation process and model question papers of M.Pharmacy.
3. Any other relevant matter.

MEMBERS PRESENT

1	Prof.SDS Murthy Department of Bio-Chemistry SVU College of Science,Tirupati	-- Chairman of BOS
2	Prof.Ch.Appa Rao Principal SVU College of Pharmaceutical Sciences Tirupati	-- Member of BOS
3	Prof.M.Vidyavathi Institute of Pharmaceutical Technology SPMVV, Tirupati	-- External Member
4	Prof.C.Suresh Reddy Department of Chemistry SV University, Tirupatai	-- Member of BOS
5	Dr.M.Balaji Department of Bio-Chemistry SVU College of Science, Tirupati	-- Member of BOS
6	Prof.P Vijaya Department of Botany SV University, Tirupatai	-- Member of BOS

MINUTES

The members of BOS have discussed the existiong M.Pharma syllabus and revised the syllabus as per PCI guidlines and NEP 2021..

1. It is resolved to approve the PCI recommended M.Pharmacy syllabus with slight modifications from the academic year 2021-2022.
2. It is resolved to continue Choice Based Credit System (CBCS) for M.Pharm course based on the PCI recommended syllabus to meet the UGC Guidelines.
3. It is resolved to approve the model question papers and evaluation process for M.Pharm course.

This syllabus and regulations will come in to effect for the batch of students to be admitted from 2021-2022 onwards.

1. Chairman,BOS
College of Pharmaceutical Sciences
S.V. University, Tirupati

2. PRINCIPAL
College of Pharmaceutical Sciences
S.V. University, Tirupati

3. M. Vidya 4/1/22

4. ON LEAVE

5.

6.

SVU COLLEGE OF PHARMACEUTICAL SCIENCES :
SV UNIVERSITY : TIRUPATI

Minutes of the meeting of the Board of Studies Committee (BOS) meeting held on 04-01-2022 at 11.00 A.M in the Chamber's of the Principal, SVU College of Pharmaceutical Sciences, Tirupati.

AGENDA:

1. To discuss the PCI recommended M.Pharmacy syllabus for implementation from 2021-2022 batch.
2. To discuss on evaluation process and model question papers of M.Pharmacy
3. Any other relevant matter.

MEMBERS PRESENT

1	Prof.SDS Murthy Department of Bio-Chemistry SVU College of Science,Tirupati	Chairman of BOS
2	Prof.Ch.Appa Rao Principal SVU College of Pharmaceutical Sciences Tirupati	Member of BOS
3	Prof.M.Vidyavathi Institute of Pharmaceutical Technology SPMVV, Tirupati	External Member
4	Prof.C.Suresh Reddy Department of Chemistry SV University, Tirupatai	Member of BOS
5	Dr.M.Balaji Department of Bio-Chemistry SVU College of Science, Tirupati	Member of BOS
6	Prof.P.Vijaya Department of Botany SV University, Tirupatai	Member of BOS

RESOLUTIONS

Resolved to recommend for adopting the PCI prescribed M.Pharmacy Syllabus and the regulations for the year 2021-2022, in SVU College of Pharmaceutical Sciences, Tirupati.

1. It is resolved to approve the 100% change in the old syllabus as per the PCI norms

2. It is resolved to approve the PCI recommended M.Pharmacy syllabus with slight modifications from the academic year 2021-2022.
3. It is resolved to continue Choice Based Credit System (CBCS) for M.Pharm course based on the PCI recommended syllabus to meet the UGC Guidelince.
4. It is resolved to approve the model question papers and evaluation process for M.Pharm course

1. Chairman,BOS
College of Pharmaceutical Sciences
S.V. University, Tirupati

2. PRINCIPAL
College of Pharmaceutical Sciences
S.V. University, Tirupati

3.

4.

5.

6.

STRUCTURE OF COURSES
MASTER OF PHARMACY
FROM 2021-2022

TABLE -1: COURSE OF STUDY FOR M. PHARM - PHARMACOLOGY

I SEMESTER

Course code	Course	Credit hours	Credit points	Hrs/wk	Marks	Core/Elective
MPA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100	Core
MPL102T	Advanced Pharmacology-I	4	4	4	100	Core
MPL103T	Pharmacological and Toxicological Screening Methods-I	4	4	4	100	Core
MPL104T	Cellular and Molecular Pharmacology	4	4	4	100	Core
MPL105P	Pharmacology Practical I	12	6	12	150	
	Seminar/Assignment	7	4	7	100	
	Total	**35**	**26**	**35**	**650**	

II SEMESTER

Course code	Course	Credit Hours	Credit points	Hrs/wk	Marks	Core/Elective
MPL201T	Advanced Pharmacology II	4	4	4	100	Core
MPL202T	Pharmacological and Toxicological Screening Methods-II	4	4	4	100	Core
MPL204T	Clinical Research and Pharmacovigilance	4	4	4	100	
-	**Elective**	4	4	4	100	
MPL205P	Pharmacology Practical II	12	6	12	150	
	Seminar/Assignment	7	4	7	100	
	Total	**35**	**26**	**35**	**650**	

ELECTIVES OFFERED

Course code	Course	Credit Hours	Credit points	Hrs/wk	Marks	Core/Elective
MPH 203T	Computer Aided Drug Delivery System	4	4	4	100	Elective
MPC 203T	Computer Aided Drug Design	4	4	4	100	Elective
MPA 203T	Quality Control & Quality Assurance	4	4	4	100	Elective
MPH 204T	Cosmetic & Cosmeceuticals	4	4	4	100	Elective
MPL 203T	Principles of Drug Discovery	4	4	4	100	Elective

TABLE 2- COURSE OF STUDY FOR M. PHARM - PHARMACEUTICS

I SEMESTER

Course code	Course	Credit hours	Credit points	Hrs/wk	Marks	Core/Elective
MPA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100	Core
MPH102T	Drug Delivery System	4	4	4	100	Core
MPH103T	Modern Pharmaceutics	4	4	4	100	Core
MPH104T	Regulatory Affairs	4	4	4	100	Core
MPH105P	Pharmaceutics Practical I	12	6	12	150	
	Seminar/Assignment	7	4	7	100	
	Total	**35**	**26**	**35**	**650**	

II SEMESTER

Course code	Course	Credit Hours	Credit points	Hrs/wk	Marks	Core/Elective
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100	Core
MPH202T	Advance Bio Pharmaceutics and Pharmacokinetics	4	4	4	100	Core
MPH 204T	Cosmetic & Cosmeceuticals	4	4	4	100	Core
-	Elective	4	4	4	100	

MPH205P	Pharmaceutics Practical II	12	6	12	150	
	Seminar/Assignment	7	4	7	100	
	Total	35	26	35	650	

ELECTIVES OFFERED

Course code	Course	Credit Hours	Credit points	Hrs/wk	Marks	Core/Elective
MPH 203T	Computer Aided Drug Delivery System	4	4	4	100	Elective
MPC 203T	Computer Aided Drug Design	4	4	4	100	Elective
MPA 203T	Quality Control & Quality Assurance	4	4	4	100	Elective
MPL 204T	Clinical Research & Pharmacovigilance	4	4	4	100	Elective
MPL 203T	Principles of Drug Discovery	4	4	4	100	Elective

TABLE –3: COURSE OF STUDY FOR M. PHARM III SEMESTER (COMMON FOR ALL SPECIALIZATIONS)

Course code	Course	Credit Hours	Credit Points	Marks
MRM 301T	Research Methodology and Biostatistics*	4	4	100
-	Journal Club*	2	2	50
-	Research Proposal Presentation*	8	4	100
-	Viva-voce*	1	1	25
	Total	15	11	275

*** Non- University Examinations**

TABLE – 4: COURSE OF STUDY FOR M. PHARM. IV SEMESTER (COMMON FOR ALL SPECIALIZATIONS)

Course code	Course	Credit Hours	Credit Points	Marks
-	Thesis Evaluation	40	20	500
-	Research Work and Colloquium	10	10	250
	Total	50	30	750

SVU COLLEGE OF PHARMACEUTICAL SCIENCES
SRI VENKATESWARA UNIVERSITY,
Tirupati - 517502

RESTRUCTURED CURRICULUM FOR M. PHARMACY PROGRAMME (Self Supporting Course) TO BE IMPLEMENTED WITH EFFECT FROM THE ACADEMIC YEAR 2021-2022

SYLLABUS
Choice based credit system (CBCS) Pattern

STRUCTURE OF COURSESMASTER OF PHARMACY

TABLE –1: COURSE OF STUDY FOR M. PHARM

I SEMESTER						
Course code	**Course**	**Credit hours**	**Credit points**	**Hrs/wk**	**Marks**	**Core/Elective**
MPL101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100	Core
MPL102T	Advanced Pharmacology-I	4	4	4	100	Core
MPL103T	Pharmacological and Toxicological Screening Methods-I	4	4	4	100	Core
MPL104T	Cellular and Molecular Biology	4	4	4	100	Core
MPL105P	Pharmacology Practical I	12	6	12	150	
	Seminar/Assignment	7	4	7	100	
Total		**35**	**26**	**35**	**650**	
II SEMESTER						
Course code	**Course**	**Credit Hours**	**Credit points**	**Hrs/wk**	**Marks**	**Core/Elective**
MPL201T	Advanced Pharmacology II	4	4	4	100	Core
MPL202T	Pharmacological and Toxicological Screening Methods-II	4	4	4	100	Core
MPL204T	Clinical Research and Pharmacovigilance	4	4	4	100	Core
-	**Elective**	4	4	4	100	
MPL205P	Pharmacology Practical II	12	6	12	150	
	Seminar/Assignment	7	4	7	100	
Total		**35**	**26**	**35**	**650**	
ELECTIVES OFFERED						

Course code	Course	Credit Hours	Credit points	Hrs/wk	Marks	Core/Elective
MPH 203T	Computer Aided Drug Delivery System	4	4	4	**100**	Elective
MPC 203T	Computer Aided Drug Design	4	4	4	**100**	Elective
MPA 203T	Quality Control & Quality Assurance	4	4	4	**100**	Elective
MPH 204T	Cosmetic & Cosmeceuticals	4	4	4	**100**	Elective
MPL 203T	Principles of Drug Discovery	4	4	4	**100**	Elective

TABLE 2: COURSE OF STUDY FOR M. PHARM - PHARMACEUTICS

I SEMESTER						
Course code	**Course**	**Credit hours**	**Credit points**	**Hrs/wk**	**Marks**	**Core/Elective**
MPH101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100	Core
MPH102T	Drug Delivery System	4	4	4	100	Core
MPH103T	Modern Pharmaceutics	4	4	4	100	Core
MPH104T	Regulatory Affairs	4	4	4	100	Core
MPH105P	Pharmaceutics Practical I	12	6	12	150	
	Seminar/Assignment	7	4	7	100	
Total		**35**	**26**	**35**	**650**	
II SEMESTER						
Course code	**Course**	**Credit Hours**	**Credit points**	**Hrs/wk**	**Marks**	**Core/Elective**
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100	Core
MPH202T	Advance Bio Pharmaceutics and Pharmacokinetics	4	4	4	100	Core
MPH 204T	Cosmetic & Cosmeceuticals	4	4	4	100	Core
-	**Elective**	4	4	4	100	

MPH205P	Pharmaceutics Practical II	12	6	12	150	
	Seminar/Assignment	7	4	7	100	
Total		**35**	**26**	**35**	**650**	
ELECTIVES OFFERED						
Course code	**Course**	**Credit Hours**	**Credit points**	**Hrs/ wk**	**Marks**	**Core/Elective**
MPH 203T	Computer Aided Drug Delivery System	4	4	4	**100**	Elective
MPC 203T	Computer Aided Drug Design	4	4	4	**100**	Elective
MPA 203T	Quality Control & Quality Assurance	4	4	4	**100**	Elective
MPL 204T	Clinical Research & Pharmacovigilance	4	4	4	**100**	Elective
MPL 203T	Principles of Drug Discovery	4	4	4	**100**	Elective

TABLE –3: COURSE OF STUDY FOR M. PHARM III SEMESTER (COMMONFOR ALL SPECIALIZATIONS)

Course code	Course	Credit Hours	Credit points	Marks
MRM 301T	Research Methodology and Biostatistics*	4	4	100
-	Journal club*	2	2	50
-	Research Proposal Presentation*	8	4	100
-	Viva Voce*	1	1	25
Total		15	11	275

*Non University Examination

TABLE – 4: COURSE OF STUDY FOR M. PHARM. IV SEMESTER (COMMONFOR ALL SPECIALIZATIONS)

Course code	Course	Credit Hours	Credit points	Marks
-	Thesis Evaluation	40	20	500
-	Research work and Colloquium	10	10	250
Total		50	30	750

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF CIVIL ENGINEERING - B.TECH

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

Name of the Programme	Course code of Paper Revised
B.TECH (CIVIL ENGINEERING)	1. HS303CO 2. CE309S 3. PA310A 4. MC411B 5. MA401C 6. CE409S

BOS Chairman
Dr. CH. SUDHA RANI
Professor
Department of Civil Engineering
S.V. University College of Engineering
TIRUPATI-517 502

HOD
HEAD
Department of Civil Engineering
S.V.U. College of Engineering
TIRUPATI-517 502 (A.P.)

Member

Member

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SRI VENKATESWARA UNIVERSITY
COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING

Ref : UCE/Civil office/BoS Meeting/2021 Date : 08-10-2021

Meeting of the **Board of Studies BoS (Pass)** members held at 2.30 P.M on 08-10-2021(Tuesday) in online mode in the Department of Civil Engineeering, Sri Venkateswara University College of Engineering, Tirupati.

1.	Prof. Ch. Sudha Rani Dept. of Civil Engg, S.V.U.College of Engineering TIRUPATI	Chairman	
2.	Prof. D.V.Sataya Narayana Moorthy Head, Dept. of Civil Engg, S.V.U.College of Engineering TIRUPATI	Ex-officio member	
3.	Prof. K. Mallikarjua Rao Dept. of Civil Engg, S.V.U.College of Engineering TIRUPATI	Member	
4.	Prof. D.V.Prasad Rao Dept. of Civil Engg, S.V.U.College of Engineering TIRUPATI	Member	
5.	Prof. H.N.Ramesh Dept. of Civil Engg, UVCE. Jnanbhharth Bangalore University BANGALORE	External Member	ONLINE
6.	Prof. A. Murali Krishna Dept. of Civil and Environmental Engg, Indian Institute of Technology TIRUPATI	External Member	ONLINE

MINUTES

1. Discussed and finalized the scheme of B.Tech III and IV Semesters for II B.Tech program and B.Tech Lateral Entry program (Batch Admitted 2021-2022) for the Academic Year 2021-2022 as per Regulations -2020(R-20) designed according to APSCHE Engineering Curriculum 2020.
2. Introduced Humanities and Social Sciences Course, Material Testing Lab, Soil Mechanics Lab, Skill Oriented Courses, Engineering Science Course, Mandatory courses as per finalized R-20 scheme.
3. Finalized syllabus for all courses of B.Tech III and IV Semesters for the Academic Year 2021-2022 as per Regulations -2020(R-20).

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Email ID. sunil76@iittp.ac.in

BOARD OF STUDIES IN CIVIL ENGINEERING (PASS) MEMBERS PRESENT

6.	Prof Ch. Sudha Rani Department of Civill Engineering S V U College of Engineering Tirupati	Chairman	
7.	The Head Department of Civil Engineering S V U College of Engineering Tirupati	Ex-officio Member	
8	Prof. G.N. Pradeep Kumar Department of Civil Engineering S V U College of Engineering Tirupati	MEMBER	—
9	Prof K. Mallikarjuna Rao Department of Civil Engineering S V U College of Engineering Tirupati	MEMBER	
10.	Prof D. Venkata Prasada Rao Department of Civil Engineering S V U College of Engineering Tirupati	MEMBER	
11	Prof. H.N. Ramesh Department of Civill Engineering UVCE, Jnanbharth Bangalore University Bangalore Mobile No 9845089445 Email. ID rheddur@yahoo.com	EXTERNAL MEMBER	Online
12	Prof A. Murali Krishna Dept of Civil & Environmental Engineering Indian Institute of Technology Tirupati Mobile No 7086046500 Email ID amk@iittp.ac.in	EXTERNAL MEMBER	Online

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MINUTES

1. Discussed and finalized Regulations-2020 (R-20) for II B.Tech (Lateral Entry) effective from the batch admitted in 2021-2022.
2. Discussed and finalized the scheme of instruction and evaluation and also the Course syllabus for B.Tech Second Year (III and IV Semesters) under Regulations-2020.
3. Authorized the Chairpersons, Board of Studies concerned to arrange for model question papers and panel of examiners for courses offered under Regulation-2020.

PRINCIPAL & DEAN
Faculty of Engineering

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SRI VENKATESWARA UNIVERSITY:: TIRUPATI

DEPARTMENT OF CIVIL ENGINEERING - B.TECH

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

Name of the Programme	Course code of Paper Revised
B.TECH (CIVIL ENGINEERING)	1. HS303CO 2. CE309S 3. PA310A 4. MC411B 5. MA401C 6. CE409S

BOS Chairman
Dr. CH. SUDHA RANI
Professor
Department of Civil Engineering
S.V. University College of Engineering
TIRUPATI-517 502

HOD
HEAD
Department of Civil Engineering
S. V. U. College of Engineering
TIRUPATI-517 502 (A.P.)

Member

Member

B.Tech. (Civil Engineering)(CBCS)

Programme R20 Scheme for IIISem and IV Sem

Effective from the Academic Year 2020-21

SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING: TIRUPATI-517502

DEPARTMENT OF CIVIL ENGINEERING

R20 Scheme of Instruction effective from the academic year 2020-2021

THIRD SEMESTER

S.No.	Course Code	Category	Course Title	Scheme of Instruction(Hours/Week)				No. of Credits
				Lecture	Tutorial	Practical	Total	
1	MA301B	Basic Sci. Course	Mathematics – III *(Common to all branches)*	3	-	-	3	3
2	CE302C	Professional Core Course	Strength of Materials	3	-	-	3	3
3	HS303CO	Humanities and Social Sciences	Managerial Economics and Accountancy *(Common to all branches)*	3		-	3	3
4	CE304C	Professional Core Course	Surveying	3	-	-	3	3
5	CE305C	Professional Core Course	Building Materials and Construction	3		-	3	3
6	CE306C	Professional Core Course	Engineering Geology	3	-	-	3	3
7	CE 307P	Professional Core Course Lab	Surveying Lab	-	-	3	3	1.5
8	CE 308P	Professional Core Course Lab	Materials Testing Lab	-	-	2	2	1
9	CE309S	Skill Oriented Course	Skill Development Course1	1	-	2	3	2
10	MC310A	Mandatory Course	Constitution of India *(Common to all branches)*	2	-	-	2	-
			Total	**21**	**-**	**7**	**28**	**22.5**

Category		No. of. Courses	Credits
Basic Science Course	- BS	01	03
Professional Core Course	-PC	06	14.5
Humanities and Social Sciences	-HSS	01	03
Skill Oriented Course	-SC	01	02
Mandatory Course	-MC	01	0
		Total Credits	**22.5**

SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING: TIRUPATI-517502

DEPARTMENT OF CIVIL ENGINEERING

R20 Scheme of Instruction effective from the academic year 2020-2021

FOURTH SEMESTER

S.No.	Course Code	Category	Course Title	Scheme of Instruction (Hours/Week)				No. of Credits
				Lecture	Tutorial	Practical	Total	
1	MA401C	Engineering Sci. Courses	Probability &Statistics *(Common to all branches)*	3	-	-	3	3
2	CE402C	Professional Core Courses	Concrete Technology	3	-	-	3	3
3	CE403C	Professional Core Courses	Fluid Mechanics and Hydraulic Machines	2	1	-	3	3
4	CE404C	Professional Core Courses	Structural Analysis-I	2	1	-	3	3
5	CE405C	Professional Core Courses	Water Quality and Treatment	3	-	-	3	3
6	CE406C	Professional Core Courses	Soil Mechanics	2	1	-	3	3
7	CE407P	Professional Core Lab	Fluid Mechanics and Hydraulic Machines Lab	-	-	3	3	1.5
8	CE408P	Professional Core Lab	Soil Mechanics Lab	-	-	2	2	1
9	CE409S	Skill Oriented Course *	Skill Development Course 2	1	-	2	3	2
10	CE410P	Professional Core Lab	Computer Aided Building Drawing	-	-	3	3	1.5
11	MC411B	NCC/NSS/NSO		-	-	-	-	-
			Total	**16**	**3**	**10**	**29**	**24.0**

- **Community Service Project (8 Weeks)/Internship 1.5 Months (mandatory) during summer vacation after IV Semester during summer. Performance reflected in V Semester.**
- All undergraduate students shall register for **NCC/NSS/NSO activities** in First semester of B.Tech. A student will be **required to participate in an activity for two hours in a week during second and third semesters i.e., 60 hours. Grade shall be awarded as Satisfactory or Unsatisfactory in the mark sheet** on the basis of participation, attendance, performance and behaviour. If a student gets an unsatisfactory Grade, he/she shall repeat the above activity in the subsequent years, in order to complete the degree requirements.

Category	No. of. Courses	CREDITS
Professional Core Course-PCC	08	19
Engg. Science course -ESC	01	03
Skill Oriented Course -SC	01	02
Mandatory (**NCC/NSS/NSO)**	01	00
	Total Credits	**24.0**

BTech C.S.E

R-20

R-18

SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING :: TIRUPATI
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Minutes of the meeting of the Board of Studies in Computer Science and Engineering (Combined) held on 19-02-2021 at 10:30 AM in the Dept of Computer Science and Engineering, S V U College of Engineering, Tirupati.

Members Present	Signatures
1. Prof Ch D V Subba Rao Chairman, Board of Studies in CSE (Combined)	
2. Prof P Venkata Subba Reddy Head, Dept of CSE (Ex-officio member)	– Absent –
3. Dr N Usha Rani Member, Board of Studies	
4. Prof K V Madhumurthy Senior Faculty Member and Special Invitee	KVMadhumurthy
5. Prof M M Naidu Member, Academic Senate, SVU	

MINUTES

Considered revising the Syllabi of 4-Year B.Tech Programme in Computer Science and Engineering vide Registrar's Lr. No. CII(B)B.Tech/M.Tech(CSE)-Syllabi-2018/AS/2019 dated 09-09-2019 and passed the resolution given hereunder:

> It is resolved to recommend for approving the detailed syllabi for each course of Seventh and Eighth (VII and VIII) semesters of 4-Year B.Tech Programme in Computer Science and Engineering. This is to come into force from the academic year 2021-22 as a part of 2018 Regulations.

1.

2. – Absent –

3.

4. KVMadhumurthy

5.

B.Tech
C.S.E

R-20

SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING :: TIRUPATI
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Minutes of the meeting of the Board of Studies in Computer Science and Engineering (Combined) held on 08-10-2021 at 02:30 PM in the Dept of Computer Science and Engineering, S V U College of Engineering, Tirupati.

Members Present	Signatures
1. Prof Ch D V Subba Rao Chairman, Board of Studies in CSE (Combined)	
2. Prof P Venkata Subba Reddy Head, Dept of CSE (Ex-officio member)	
3. Dr N Usha Rani Member, Board of Studies in CSE	
4. Prof M Humera Khanam Dept of CSE, Special Invitee	
5. Dr D Viveknanda Reddy Dept of CSE, Special Invitee	

MINUTES

1. It is resolved to recommend for approving the detailed syllabi for each course of Third and Fourth (III and IV) Semesters of B.Tech Programme in Computer Science and Engineering (CSE). This is to come into force from the academic year 2021-22 as a part of 2020 Regulations.

2. It is resolved to recommend for approving the list of courses for B.Tech (Honors) in CSE and B.Tech (Minor) in CSE for the IV, V, VI and VII semesters of study and also the syllabus of Distributed Databases and Data Structures of the above said programmes respectively, that are offered under 2020 Regulations.

1. 4.
2. 5.
3.

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B.TECH.

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

Name of the Programme	Programme Code	Course code	Name of the Course
B.TECH(CSE)	1-1422777019	CSHN02	Distributed Databases
	1-1422777019	CSHN03	Advanced Operating Systems
	1-1422777019	CS609S	Advanced Python Programming
	1-1422777019	CSHN05	Natural Language Processing
	1-1422777019	CSHN06	Software Architecture and Design Patterns
	1-1422777019	CS707S	Mobile Application Development
	1-1422777019	MINOR	Deep Learning
	1-1422777019	CS605E	Object Oriented Analysis and Design
	1-1422777019	CS703E	Cloud Computing

BOS Chairman **HOD** **Member** **Member**

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SRI VENKATESWARA UNIVERSITY:: TIRUPATI

SVU COLLEGE OF ENGINEERING

DEPARTMENT OF Electronics and Communications Engineering

B.TECH(ECE)

Certified that the syllabus of the following list of programmes has been revised during the Academic year 2021-2022.

S.NO	COURSE CODE	SEMESTER	NAME OF THE NEWLY ADDED COURSES
1	EC309S	III	Entrepreneurship and Design Thinking
2	EC311L	III	Simulation Lab
3	EC405C	IV	Analog Communications
4	EC409S	IV	Python Programming Skill Oriented Course
5	MC	IV	NSS/ NCC/ NSO Activities
6	EC505C	V	Digital Communications
7	EC506L	V	Analog and Digital Communication Lab
8	EC509S	V	Web programming Skill Oriented Course
9	EC609S	VI	Internet of Things Skill Oriented Course
10	EC707S	VI	Data Based Management Systems

Name of the Members	Designation	Signature
B. Anuradha	Professor - Chairman UG-BOS	B. Anuradha
G. Umamaheswara Reddy	HOD - Member	HOD 30/9/2021
T. Sreenivasulu Reddy	Professor - Member	TSReddy
S. Swarnalatha	Professor - Member.	S. Swarnalatha

HEAD
Department of Electronics & Communication Engineering
S. V. University College of Engineering
TIRUPATI-517 502, A.P., INDIA.

CHAIRMAN
Board of Studies (UG)
Dept. of ECE, SVUCE

SRI VENKATESWARA UNIVERSITY : : TIRUPATI

(Visit us: www. svuniversity.edu.in)

BOARD OF STUDIES IN ELECTRONCIS & COMMUNICATION ENGINEERING (PASS)

Date of Re – Constitution from: 26-06-2021
to: 25-06-2024

1.	**Prof. B.Anuradha**, Department of E.C.E., S.V.University College of Engg, TIRUPATI.	**CHAIRPERSON** From: **26-06-2021** To: **25-06-2024**
2.	**The Head,** Department of E.C.E., S.V.University College of Engg, TIRUPATI.	**Ex-officio Member**
3.	**Prof. T. Sreenivasulu Reddy**, Professor, Department of E.C.E., S.V. University College of Engg TIRUPATI.	**MEMBER**
4.	**Prof.G.Umamaheswara Reddy** Department of E.C.E., S.V University College of Engg, TIRUPATI.	**MEMBER**
5.	**Ms. S.Swarna Latha,** Professor, Department of E.C.E., S.V.University College of Engg, TIRUPATI.	**MEMBER**
6.	**Prof. P.Ramana Reddy,** Dept. of Electronics & Communication Engineering, JNTUA College of Engineering (Atonomous), ANANTAPUR – 515002	**EXTERNAL MEMBER**
7.	**Dr.S.Anuradha,** Dept. of Electronics & Communication Engineering, National Institute of Technology, WARANGAL – 506004	**EXTERNAL MEMBER**

DEPUTY REGISTRAR
(ACADEMIC)

SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING
TIRUPATI-517502

No SVUCE/Dean/JBoS/Pass/2022 Date 26-07-2022

NOTICE

A Joint meeting of all Boards of Studies (Pass) in all the disciplines of Engineering will be held from **10-00 a.m. to 11.00 a.m. on 30-07-2022 (Saturday)** in Room no. 200, of College and individual board meetings in respective departments (A copy of the meeting notice is appended). Further, Permit External Members to attend the meeting in On-line mode.

All the members are requested to make it convenient to attend the meeting.

Prof .S. Narayana Reddy
Dean
Faculty of Engineering

To

All Chairpersons and members (Internal & External) of Board of Studies (Pass), SVUCE
Copy to file

SRI VENKATESWARA UNIVERSITY : : TIRUPATI

(Visit us: www.svuniversity.edu.in)

Telephone No 0877-2289429
Fax No 0877-2289549

TIRUPATI 517 502
(ANDHRA PRADESH)

No CII(B)/JointBOSMeeting/Engg /2022

Date 21-07-2022

From
THE REGISTRAR
S V UNIVERSITY
TIRUPATI

To
1. The Principal,
SVU College of Engineering,
TIRUPATI
2. The Dean,
Faculty of Engineering,
SVU College of Engineering,
TIRUPATI.

Sir,

Sub - S.V.University – Academic Branch - B.Tech Degree Courses - Revision of Scheme of Instructions and Examination, Syllabi, list of text and reference books and Model Question Papers etc. of III & IV Years of 4 year B.Tech.(Regular), B.Tech.(Lateral Entry), B.Tech (Honours) and B.Tech.(Major-Minor) Degree Courses under Regulations 20 effective from the batch of students admitted from the Academic year 2020-21 - Permission to grant Sitting Allowance to the Members who attend(online/offline) to the meeting of the Joint BOS - Communication - Reg

Ref 1 Letter No.SVUCE/Dean/JBoS/2022, dt.04-07-2022, received from Prof S.Narayana Reddy, Dean, Faculty of Engineering, SVU College of Engg., Tirupati
2 Vice-Chancellor's Orders dated 19-07-2022

****

With reference to the subject cited, I am by direction, to inform you that as requested in your letter 1st cited, the Hon'ble Vice-Chancellor has accorded permission to pay Sitting Allowance to all the Members of Joint Boards of Studies (Pass) who attends meeting of disciplines of Engineering scheduled to be held on **30-07-2022** at 10.30 a.m. in Room No 200 of SVU College of Engineering, to revise Scheme of Instructions and Examinations, Syllabi, list of text and reference books and Model Question Papers etc. of III & IV Years of 4 year B.Tech.(Regular), B.Tech.(Lateral Entry), B.Tech (Honours) and B.Tech.(Major-Minor) Degree Courses under Regulations-20, with effect from the academic year 2022-23 & 2023-24 i.e. effective from the batch of students admitted from the Academic year 2020-21

Further, I am to inform that, the Principal, SVUCE, is requested to make the necessary arrangements for payment of **Sitting Allowance of Rs.2000/-** per session to all the External and Internal members, who attend(online/offline) the meeting of Joint Boards of Studies (Pass) and permitted to meet the expenditure from the funds of SVU College of Engineering.

The Dean, Faculty of Engineering is requested to send the minutes of the meeting together with enclosures to the undersigned for taking further course of action.

Yours faithfully
Sd/- O.MAHAMMED HUSSAIN
REGISTRAR

Copy to the Controller of Examinations, S.V. University, Tirupati, for information
Copy to Superintendents, B.VI / B.VII Sections, Examination Branch, S.V.U. for information
Copy to the Joint Registrar (Finance) for information
Copy to PS to Vice-Chancellor/PA to Rector/Registrar/Dean, CDC, SVU for information

//TRUE COPY//

DEPUTY REGISTRAR

SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING
TIRUPATI-517502

No. SVUCE/Dean/JBoS/Pass/2021 Date 04-10-2021

NOTICE

A Joint meeting of all Boards of Studies (Pass) in all the disciplines of Engineering will be held at 10-00 AM on 08-10-2021 (Friday) in Room no. 200, to consider the following agenda.

1) To consider and discuss R-20 scheme and syllabus of II B.Tech program and B Tech Lateral Entry program (Batch Admitted 2021-2022) for the Academic Year 2021-2022.

2) Any other item with the permission of the chair.

All the members are requested to make it convenient to attend the meeting.

Prof .S. Narayana Reddy
Principal and Dean
Faculty of Engineering

To

All Chairpersons and members of Board of Studies (Pass), SVUCE
Copy to the Deputy Registrar (Academic), SVU for information
Copy to the file

SRI VENKATESWARA UNIVERSITY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
TIRUPATI-517502

[illegible] Phone: [illegible]
[illegible] E-mail: [illegible]

[illegible]

The Dean
Faculty of Engineering
S.V.U. College of Engineering
Tirupati-517502

Respected Sir,

Subject: Submission of R-20 Scheme and Syllabus

With reference to your letter dated [illegible], the BOS([illegible]) meeting was held at department seminar hall from [illegible] onwards on [illegible] through online mode. The scheme and syllabus were finalised and approved by two external experts (given below). I here with submit the same.

S.No	Name	Signature
1	Prof. B. Anuradha-Chairperson	
2	Prof. T. Ramashri-HOD Ex-officio Member	
3	Prof. T. Sreenivasulu Reddy Member	
4	Prof. G. Umamaheswara Reddy Member	
5	Prof. S. Swarna Latha Member	
6	Prof. P. Ramana Reddy-JNTUA External Member	
7	Dr. S. Anuradha-NITW External Member	

Thanking you,

Yours truly,

B. Anuradha

Prof. B. ANURADHA
Department of E.C.E
S.V.U. College of Engineering
TIRUPATI - 517 502

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B.Tech (Electronics and Communication Engineering) ProgrammeSyllabus

Regulations 2020

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING

(AUTONOMUS)

SRI VENKATESWARA UNIVERSITY

TIRUPATI-517502 (A.P), INDIA.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VISION

To be a lead department imparting quality and value embedded higher education and research emphasizing freedom of learning and practice.

MISSION

through Nptel, Coursera, Udemy, Skillshare, EdX, Udacity, Pluralsight, etc., The weightage is up to 40% of the total credits offered to the Program.-.The project work is initiated in the VII semester as Project Stage-I and Project Stage-II in the VIII semester. The internship is made mandatory which will make them get exposed to industrial needs. New courses are added to the curriculum whenever it is needed. This ensures they are on par with others.

R-20 – Scheme of Instruction effective from the academic year 2020-2021

B.Tech. (Electronics& Communication Engineering)

I Semester

Code	Category	Course Title	Scheme of Instruction (hr/Week)			Total Instruction	Credits
			Lecture	Tutorial	Practical		
MA101	Basic Sci.	Mathematics – I	3	1	-	4	**4**
PY 102	Basic Sci	Modern Physics	3	1	-	4	**4**
CS 103	Basic Eng	Programming for Problem Solving	2	1	-	3	**3**
EC 104	Basic Eng	Electronic Devices	3	1	-	4	**4**
ME 105	Basic Engg. Lab	Workshop / Manufacturing Practices	-	-	3	3	**1.5**
CS 106	Basic Engg. Lab	Programming for Problem Solving Lab	-	-	3	3	**1.5**
CE 107	Audit Course	Environmental Science	4	-	-	4	**0**
		TOTAL	15	4	6	25	**18**

II Semester

Code	Category	Course Title	Scheme of Instruction (hr/Week)			Total Instruction	Credits
			Lecture	Tutorial	Practical		
MA201	Basic Sci.	Mathematics – II	3	1	-	4	**4**
CY 202	Basic Sci	Engineering Chemistry	3	1	-	4	**4**
EN 203	Humanities	English	2	-	-	2	**2**
EE 205	Basic Eng	Basic Electrical Engineering	3	1	-	4	**4**
ME 205	Basic Engg. Lab	Engineering Graphics and design	2	-	3	5	**3.5**
EN206	Humanities lab	English Communication Lab	-	-	3	3	**1.5**
		TOTAL	13	3	6	22	**19**

- All courses - 40 marks (Internal) + 60 marks (Univ. Semester End)
- Audit Course – 100 marks (Internal) - Zero Credits

SRI VENKATESW UNIVERSITY

COLLEGE OF ENGINEERING: TIRUPATI 517 502

R-20 – Scheme of Instruction effective from the academic year 2020-2021

B.Tech. (Electronics& Communication Engineering)

III Semester

Code	Course Title	Scheme of Instruction (hr/Week) Lecture	Tutorial	Practical	Total Instruction	Credits
MA301B	**Mathematics – III**	3	1	-	4	**4**
EC302C	**-Network Theory**	3	1	-	4	**4**
EC303C	**Signals and Systems**	2	1	-	3	**3**
EC304C	**ElectroMagnetic Waves and Transmission Lines**	3	1	-	4	**4**
EC305C	**Digital Logic Design**	-	-	3	3	**1.5**
EC306C	**Analog Circuits**	-	-	3	3	**1.5**
EC309S	**Entrepreneurship and Design Thinking**	4	-	-	4	**0**
MC310A	**Constitution of India**					
EC307L	**Basic Electrical Engineering Laboratory**					
EC308L	**Electronic Devices Laboratory**					
EC311L	**Simulation Laboratory**					
	TOTAL	15	4	6	25	**18**

IV Semester

Code	Course Title	Scheme of Instruction (hr/Week) Lecture	Tutorial	Practical	Total Instruction	Credits
EC401C-	**Linear Control Systems**	3	1	-	4	**4**
EC402C-	**Probability Theory and Stochastic Processes**	3	1	-	4	**4**
HS403C-	**Managerial**	2	-	-	2	**2**

	Economics and Accountancy					
EC404C-	**IC Applications**	3	1	-	4	**4**
EC405C-	**Analog Communications**	2	-	3	5	**3.5**
EC409S-	**Python Programming**	-	-	3	3	**1.5**
EC406L	**-Digital Logic Design Laboratory**					
EC407L	**-Analog Circuits Laboratory**					
EC408L	**-IC Applications Laboratory**					
	TOTAL	13	3	6	22	**19**

DEPARTMENT OF MECHANICAL ENGINEERING

S.V.U. COLLEGE OF ENGINEERING, TIRUPATI

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Minutes of the Meeting of the Board of Studies (PASS) held on 8th October, 2021

Members Present

1. Sri. K. Rajesh Babu
   Associate Professor in Mechanical Engineering, Chairman, BoS (PASS)

2. The Head, Department of Mechanical Engineering, S.V.U.C.E., Tirupati

3. Dr. K. Dharma Reddy
   Assistant Professor, Department of Mechanical Engineering, Member, BoS(PASS)

4. Dr. P. Hema
   Assistant Professor, Department of Mechanical Engineering, Member, BoS(PASS)

5. Dr. A. Sreenivasulu Reddy
   Assistant Professor, Department of Mechanical Engineering, Member, BoS(PASS)

6. Prof. AVSSKS Gupta
   Department of Mechanical Engineering, External Member, JNTU College of Engineering, Hyderabad – 85

7. Prof. S. Senthilkumaran
   Department of Mechanical Engineering, External Member, Anna University, College of Engineering, Guindy, Chennai – 25

Minutes:

1. Discussed the Scheme of Instructions, Examinations and detailed syllabus of B. Tech (Mechanical Engineering) and resolved to approve the Scheme of Instructions, Examination and detailed syllabus of B. Tech (Mechanical Engineering) with effect from the Academic Year, 2020 – 2021.
2. Further, it is resolved to authorize the Chairman to prepare model questions papers and examiners for the above programme.

1. **Sri. K. Rajesh Babu** Rajesh
2. **The Head** ——
3. **Dr. K. Dharma Reddy** — KDRedy
4. **Dr. P. Hema** — P. Hema
5. **Dr. A. Sreenivasulu Reddy** A Sreenivasulu Reddy
6. **Prof. AVSSKS Gupta** } **External members attended virtually**
7. **Prof. S. Senthilkumaran** } **(via online mode)**

BOARD OF STUDIES IN MECHANICAL ENGINEERING (PASS) MEMBERS PRESENT

26.	Sri. K. Rajesh Babu Department of Mechanical Engineering S V U College of Engineering Tirupati	Chairman	
27.	The Head Department of Mechanical Engineering S V U College of Engineering Tirupati	Ex-officio Member	
28.	Dr. K. Dharma Reddy Department of Mechanical Engineering S V U College of Engineering Tirupati	MEMBER	
29	Dr. P. Hema Department of Mechanical Engineering S V U College of Engineering Tirupati	MEMBER	P. Hema
30.	Dr. A. Sreenivasulu Reddy Department of Mechanical Engineering S V U College of Engineering Tirupati	MEMBER	—
31.	Prof. AVSSKS Gupta Department of Mechanical Engineering JNTU College of Engineering Hyderabad-500085 Mobile No. 9849427331 Email. ID. jyothula1971@gmail.com	EXTERNAL MEMBER	—
32.	Porf. S. Senthilkumaran Department of Mechanical Engineering Anna University College of Engineering, Guindy Chennai-600025 Mobile No. 9940645460 Email. ID. metrosenk@annauniv.edu	EXTERNAL MEMBER	—

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BOARD OF STUDIES IN MECHANICAL ENGINEERING (PASS) MEMBERS PRESENT

26.	Sri. K. Rajesh Babu Department of Mechanical Engineering S V U College of Engineering Tirupati	Chairman	
27.	The Head Department of Mechanical Engineering S V U College of Engineering Tirupati	Ex-officio Member	
28.	Dr. K. Dharma Reddy Department of Mechanical Engineering S V U College of Engineering Tirupati	MEMBER	
29	Dr. P. Hema Department of Mechanical Engineering S V U College of Engineering Tirupati	MEMBER	P. Hema
30.	Dr. A. Sreenivasulu Reddy Department of Mechanical Engineering S V U College of Engineering Tirupati	MEMBER	—
31.	Prof. AVSSKS Gupta Department of Mechanical Engineering JNTU College of Engineering Hyderabad-500085 Mobile No. 9849427331 Email. ID. jyothula1971@gmail.com	EXTERNAL MEMBER	—
32.	Porf. S. Senthilkumaran Department of Mechanical Engineering Anna University College of Engineering, Guindy Chennai-600025 Mobile No. 9940645460 Email. ID. metrosenk@annauniv.edu	EXTERNAL MEMBER	—

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SRI VENKATESWARA UNIVRSITY:: TIRUPATI

DEPARTMENT OF MECHANICAL ENGINEERING

Certified that the syllabus of the following list of programs have been revised during the Academic Year 2021-2022

S.No	Name of the Programme	Subject Code	Name of Courses Revised
1	Mechanical Engineering	CS203	Programming for Problem Solving
2	Mechanical Engineering	CS206	Programming for Problem Solving Lab
3	Mechanical Engineering	CE204	Engineering Mechanics
4	Mechanical Engineering	HS303C	Managerial Economics and Accountancy
5	Mechanical Engineering	ME304C	Manufacturing Processes
6	Mechanical Engineering	ME305C	Basic Thermodynamics
7	Mechanical Engineering	ME306L	Strength of Materials Lab
8	Mechanical Engineering	ME308L	Fuels Lab
9	Mechanical Engineering	ME309S	CAD (SDC)
10	Mechanical Engineering	ME401C	Fluid Mechanics and Hydraulic Machinery
11	Mechanical Engineering	ME402C	Kinematics of Machinery
12	Mechanical Engineering	ME403C	Applied Thermodynamics
13	Mechanical Engineering	ME404C	Advanced Engineering Graphics
14	Mechanical Engineering	ME405C	Machine tools & Metal cutting
15	Mechanical Engineering	ME406L	Fluid Mechanics and Hydraulic Machinery Lab
16	Mechanical Engineering	ME407L	IC Engines Lab
17	Mechanical Engineering	ME409S	MATLAB (SDC)
18	Mechanical Engineering	ME501C	Design of Machine Elements
19	Mechanical Engineering	ME502C	Heat Transfer
20	Mechanical Engineering	ME506L	Machine Tools Lab
21	Mechanical Engineering	ME507L	Heat Transfer Lab
22	Mechanical Engineering	ME508S	Finite Element Analysis (SAC)
23	Mechanical Engineering	MC509A	Universal Human Values (AICTE Suggested)
24	Mechanical Engineering	ME603C	Metrology and Instrumentation
25	Mechanical Engineering	ME606L	Simulation Lab
26	Mechanical Engineering	ME607L	Dynamics Lab
27	Mechanical Engineering	ME609S	Skill Advanced Course
28	Mechanical Engineering	MC610A	Professional Ethics
29	Mechanical Engineering	ME704E	Additive Manufacturing
30	Mechanical Engineering	ME705E	Finite Element Method
			Nanotechnology
			Composite materials
31	Mechanical Engineering	ME707S	Skill Advanced Course

BoS Chairman (UG) HOD Member Member

P. Hema

HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
S.V.U. COLLEGE OF ENGINEERING
TIRUPATI-517 502

Dr. HEMA POTHUR
M.Tech.,Ph.D.,M.I.E.,M.I.I.W.
Assistant Professor
Department of Mechanical Engg.
SRI VENKATESWARA UNIVERSITY
College of Engineering, TIRUPATI-2.

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SRI VENKATESWARA UNIVERSITY :: TIRUPATI

Department of Mechanical Engineering

S.V. University College of Engineering:: Tirupati

R – 20 Scheme of Instruction and Syllabi of III & IV – Semesters (2nd Year) B. Tech Programme

in

Mechanical Engineering

Effective from the batches admitted in

2020 – 21 onwards

SRI VENKATESWARA UNIVERSITY
COLLEGE OF ENGINEERING: TIRUPATI 517 502

R-20 – Scheme of Instruction effective from the academic year 2020-2021
B.Tech. (Mechanical Engineering)

I Semester

Code	Category	Course Title	Scheme of Instruction (hr/Week) Lecture	Tutorial	Practical	Total Instruction	Credits
MA101	Basic Sci.	Mathematics – I	3	1	-	4	**4**
CY 101	Basic Sci	Engg Chemistry	3	1	-	4	**4**
EN103	Humanities	English	2	-	-	2	**2**
EE104	Basic Engg	Basic Electrical and Electronics Engineering	3	1	-	4	**4**
ME105	Basic Engg	Engineering Graphics and Design	2	-	3	5	**3.5**
EN 106	Humanities	English Communication Lab	-	-	3	3	**1.5**
		TOTAL	13	3	6	22	**19**

II Semester

Code	Category	Course Title	Scheme of Instruction (hr/Week) Lecture	Tutorial	Practical	Total Instruction	Credits
MA201	Basic Sci.	Mathematics – II	3	1	-	4	**4**
PY 202	Basic Sci	Engineering Physics	3	1	-	4	**4**
CS 203	Basic Engg	Programming for Problem Solving	2	1	-	3	**3**
CE 204	Basic Engg	Engineering Mechanics	3	1	-	4	**4**
ME 205	Basic Engg. Lab	Workshop / Manufacturing Practices	-	-	3	3	**1.5**
CS 206	Humanities Lab	Programming for Problem Solving Lab	-	-	3	3	**1.5**
CE 207	Audit	Environmental Science	4	-	-	4	**0**
		TOTAL	13	3	6	22	**18**

- All courses - 40 marks (Internal) + 60 marks (Univ. Semester End)
- Audit Course – 100 marks (Internal) -Zero Credits

Department of Mechanical Engineering

S. V. University College of Engineering:: TIRUPATI

Semester – III (Second year)

Sl. No	Course Code	Name of the Course	Category	Scheme of Instructions Hours per week				Credits
				Lecture	Tutorial	Practical	Drawing	
01	MA301B	Mathematics – III	BSC	03	01			03
02	ME302C	Strength of Materials	ESC	03	01			03
03	HS303C	Managerial Economics and Accountancy	HSMC	03				03
04	ME304C	Manufacturing Processes	PCC	03	01			03
05	ME305C	Basic Thermodynamics	PCC	03				03
06	ME306L	Strength of Materials Lab	ESC			03		1.5
07	ME307L	Manufacturing Process Lab	PCC			03		1.5
08	ME308L	Fuels Lab	PCC			03		1.5
09	ME309S	CAD Laboratory	SDC	01		02		02
10	MC310A	Constitution of India	MC	02				00
	Total			**18**	**03**	**11**		**21.5**

BSC – Basic Science Course: 03Credits;
SDC – Skill oriented course: 02 Credits
ESC – Engineering Science Course : 4.5 Credits
PCC – Professional Core Course: 09 Credits
HSMC – Humanities and Social Sciences :03 Credits
MC – Mandatory Course as prescribed by AICTE, New Delhi and it is a **non – credit** course

Note 1: Evaluation of SDC/SAC is similar to the evaluation process of regular laboratory work.

Department of Mechanical Engineering

S. V. University College of Engineering:: TIRUPATI

Semester – IV (Second year)

Sl. No	Course Code	Name of the Course	Category	Scheme of Instructions Hours per week				Credits
				Lecture	Tutorial	Practical	Drawing	
01	ME401C	Fluid Mechanics and Hydraulic Machinery	ESC	03	01			03
02	ME402C	Kinematics of Machinery	PCC	03	01			03
03	ME403C	Applied Thermodynamics	PCC	03	01			04
04	ME404C	Advanced Engineering Graphics	PCC	01			04	03
05	ME405C	Machine Tools and Metal Cutting	PCC	03				03
06	ME406L	Fluid Mechanics and Hydraulic Machinery Lab	ESC			03		1.5
07	ME407L	IC Engines Lab	PCC			03		1.5
08	ME408L	Electronics and Electrical Engineering Lab	ESC			03		1.5
09	ME409S	MATLAB	SDC	01		02		02
	Total			**14**	**03**	**11**	**04**	**22.5**

PCC – Professional Core Courses: 14.5 Credits;
ESC– Engineering Science Core: 06 Credits;
SDC – Skill Oriented Course: 02

Note 1: Evaluation of SDC/SAC is similar to the evaluation process of regular laboratory work.

Note 2: Summer Internship for two months after second year (to be evaluated during V semester)

SRI VENKATESWARA UNIVRSITY:: TIRUPATI

DEPARTMENT OF MECHANICAL ENGINEERING

Certified that the syllabus of the following list of programs have been revised during the Academic Year 2021-2022

M.TECH (Industrial Engineering)

S. No	Course Code	Programme code	Course code	Title of the Course
1	M.Tech (I.E)	1-1422777030	IEPE 21	Design for Manufacturing
2	M.Tech (I.E)	1-1422777030	PGOP12	Industrial Safety
3	M.Tech (I.E)	1-1422777030	IECP 01	Industrial Engineering Lab-I
4	M.Tech (I.E)	1-1422777030	IECP 02	Simulation Lab - I
5	M.Tech (I.E)	1-1422777030	IECP 04	Simulation Lab - II
6	M.Tech (I.E)	1-1422777030	PGMC 01	Research Methodology and IPR
7	M.Tech (I.E)	1-1422777030	IEPE 51	Design and Analysis of Experiments
8	M.Tech (I.E)	1-1422777030	IEPE 52	System Dynamics
9	M.Tech (I.E)	1-1422777030	Audit Course	English For Research Paper Writing
10	M.Tech (I.E)	1-1422777030	Audit Course	Disaster Management
11	M.Tech (I.E)	1-1422777030	Audit Course	Sanskrit For Technical Knowledge
12	M.Tech (I.E)	1-1422777030	Audit Course	Value Education
13	M.Tech (I.E)	1-1422777030	Audit Course	Constitution Of India

BoS Chairman (PG)

HOD

HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
S.V.U. COLLEGE OF ENGINEERING
TIRUPATI-517 502

Member

P. Hema
Member

Dr. HEMA POTHUR
M.Tech.,Ph.D.,M.I.E.,M.I.I.W.
Assistant Professor
Department of Mechanical Engg.
SRI VENKATESWARA UNIVERSITY
College of Engineering, TIRUPATI-2.

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DEPARTMENT OF MECHANICAL ENGINEERING

(Choice Based Credit System)

R18

POST GRADUATION PROGRAM

MASTER OF TECHNOLOGY

in

INDUSTRIAL ENGINEERING

Scheme of Instructions and Evaluation

*(With effect from the Academic Year **2016-17**)*

SRI VENKATESWARA UNIVERSITY

COLLEGE OF ENGINEERING: TIRUPATI -517502

(AUTONOMOUS)

MECHANICAL ENGINEERING

M.Tech (Mechanical Engineering) Specialization: Industrial Engineering

SEMESTER – I

Course Code	Course Title	Scheme of Instruction (Hours/Week)				No. of Credits	Scheme of Evaluation		
		Lecture	Tutorial	Practical	Total		Sessional Marks	Semester End Examination Marks	Total
IEPC 01	Operations Planning and Control	3	-	-	3	3	40	60	100
IEPC 02	Work System Design	3	-	-	3	3	40	60	100
Professional Elective- I Any One from the Following		3	-	-	3	3	40	60	100
IEPE 11	Applied Probability and Statistics								
IEPE 12	Financial Management & Control								
IEPE 13	Human Resource Management								
Professional Elective- II Any One from the Following		3	-	-	3	3	40	60	100
IEPE 21	Design for Manufacturing								
IEPE 22	Marketing Management								
IEPE 23	Facilities Planning								
IECP 01	Industrial Engineering Lab-I	-	-	2	2	2	40	60	100
IECP 02	Simulation Lab - I	-	-	2	2	2	40	60	100
PGMC 01	Research Methodology and IPR	2	-	-	-	2	40	60	100
PGPA 01	Audit Course-I								
	Total	16	-	8	20	15	280	420	700

SEMESTER – II

Course Code	Course Title	Scheme of Instruction (Hours/Week)				No. of Credits	Scheme of Evaluation		
		Lecture	Tutorial	Practical	Total		Sessional Marks	Semester End Examination Marks	Total
IEPC 03	Advanced Operation Research	3	-	-	3	3	40	60	100
IEPC 04	Quality Control and Reliability Engineering	3	-	-	3	3	40	60	100
Professional Elective- III Any One from the Following		3	-	-	3	3	40	60	100
IEPE 31	Supply Chain Management								
IEPE 32	Project Management								
IEPE 33	Discrete Event System Simulation								
Professional Elective- IV Any One from the Following		3	-	-	3	3	40	60	100
IEPE 41	Productivity Engineering & Management								
IEPE 42	Logistics Engineering & Management								
IEPE 43	Service Engineering & Management								
IECP 03	Industrial Engineering Lab-II	-	-	2	4	2	40	60	100
IECP 04	Simulation Lab - II	-	-	2	4	2	40	60	100
PGPA 02	Audit Course-II	2	-	--	-	-	-	-	-
IEMP 01	Mini Project	-	--	4	4	2	100		100
	Total	14	-	8	20	18	340	360	700

SEMESTER – III

Course Code	Course Title	Scheme of Instruction (Hours/Week)				No. of Credits	Scheme of Evaluation		
		Lecture	Tutorial	Practical	Total		Sessional Marks	Semester End Examination Marks	Total
Professional Elective- V Any One from the Following		3	-	-	3	3	40	60	100
IEPE 51	Design and Analysis of Experiments								
IEPE 52	System Dynamics								
Open Elective- I Any One from the Following		3	-	-	3	3	40	60	100
PGOP 11	Business Analytics								
PGOP 12	Industrial Safety								
PGOP 13	Operation Research								
PGOP 14	Cost Management of Engineering Projects								
PGOP 15	Composite Materials								
PGOP 16	Waste to Energy								
IEPD 01	Major Project: Phase-I Dissertation	-	-	20	20	10	100	-	100
	Total	6	-	20	26	16	180	120	300

SEMESTER – IV

Course Code	Course Title	Scheme of Instruction (Hours/Week)				No. of Credits	Scheme of Evaluation		
		Lecture	Tutorial	Practical	Total		Sessional Marks	Semester End Examination Marks	Total
IEPD 01	Major Project: Phase-I Dissertation	-	-	32	32	16	40	60	100
Total		-	-	32	32	16	40	60	100

SRI VENKATESWARA UNIVRSITY:: TIRUPATI

DEPARTMENT OF MECHANICAL ENGINEERING

Certified that the syllabus of the following list of programs have been revised during the Academic Year 2021-2022

M.TECH (Production Engineering)

S. No	Course Code	Programme code	Course code	Title of the Course
1	M.Tech (P.E)	1-1422777032	PEPE31	Automation in anufacturing
2	M.Tech (P.E)	1-1422777032	PEPE 22	Design for Manufacturing
3	M.Tech (P.E)	1-1422777032	PGOP12	Industrial Safety
4	M.Tech (P.E)	1-1422777032	PECP 02	CAD Lab
5	M.Tech (P.E)	1-1422777032	PECP 04	CAM Lab
6	M.Tech (P.E)	1-1422777032	PGMC 01	Research Methodology and IPR
7	M.Tech (P.E)	1-1422777032	PEPE 51	Finite Element Methods
8	M.Tech (P.E)	1-1422777032	PEPE 52	Expert Systems in Manufacturing
9	M.Tech (P.E)	1-1422777032	Audit Course	English For Research Paper Writing
10	M.Tech (P.E)	1-1422777032	Audit Course	Disaster Management
11	M.Tech (P.E)	1-1422777032	Audit Course	Sanskrit For Technical Knowledge
12	M.Tech (P.E)	1-1422777032	Audit Course	Value Education
13	M.Tech (P.E)	1-1422777032	Audit Course	Constitution Of India

BoS Chairman (PG)

HOD

HEAD
DEPARTMENT OF MECHANICAL ENGINEERING
S.V.U. COLLEGE OF ENGINEERING
TIRUPATI-517 502

Member

P. Hema
Member

Dr. HEMA POTHUR
M.Tech.,Ph.D.,M.I.E. M.I.I.W.
Assistant Professor
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DEPARTMENT OF MECHANICAL ENGINEERING

(Choice Based Credit System)

R18

POST GRADUATION PROGRAM

MASTER OF TECHNOLOGY

in

PRODUCTION ENGINEERING

Scheme of Instructions and Evaluation

*(With effect from the Academic Year **2016-17**)*

SRI VENKATESWARA UNIVERSITY

COLLEGE OF ENGINEERING: TIRUPATI -517502

(AUTONOMOUS)

MECHANICAL ENGINEERING

M.Tech (Mechanical Engineering) Specialization: Production Engineering

SEMESTER – I

Course Code	Course Title	Scheme of Instruction (Hours/Week)				No. of Credits	Scheme of Evaluation		
		Lecture	Tutorial	Practical	Total		Sessional Marks	Semester End Examination Marks	Total
PEPC 01	Advanced Manufacturing Processes	3	-	-	3	3	40	60	100
PEPC 02	Advanced material technology	3	-	-	3	3	40	60	100
Professional Elective- I Any One from the Following		3	-	-	3	3	40	60	100
PEPE 11	Applied Probability and Statistics								
PEPE 12	Operations Planning and Control								
PEPE 13	Advanced Casting Technology								
Professional Elective- II Any One from the Following		3	-	-	3	3	40	60	100
PEPE 21	Robotics								
PEPE 22	Design for Manufacturing								
PEPE 23	Metrology & Computer								
PECP 01	Production Engineering Lab – I	-	-	2	2	2	40	60	100
PECP 02	CAD Lab	-	-	2	2	2	40	60	100
PGMC 01	Research Methodology and IPR	2	-	-	-	2	40	60	100
PGPA 01	Audit Course-I								
	Total	16	-	8	20	15	280	420	700

SEMESTER – II

Course Code	Course Title	Scheme of Instruction (Hours/Week)				No. of Cred	Scheme of Evaluation		
		Lectu	Tutor	Practi	Tot		Sessio	Semester End	Tota

		re	ial	cal	al	its	nal Marks	Examination Marks	l
PEPC 03	Computer Integrated Manufacturing	3	-	-	3	3	40	60	100
PEPC 04	Metal Cutting Tool Design	3	-	-	3	3	40	60	100
Professional Elective- III Any One from the Following		3	-	-	3	3	40	60	100
PEPE 31	Automation Manufacturing								
PEPE 32	Metal Forming Technology								
PEPE 33	Additive Manufacturing								
Professional Elective- IV Any One from the Following		3	-	-	3	3	40	60	100
PEPE 41	Energy Management								
PEPE 42	Advanced Welding Processes								
PEPE 43	Oil Hydraulics and Pneumatics								
PECP 03	Production Engineering Lab-II	-	-	2	4	2	40	60	100
PECP 04	CAM Lab - II	-	-	2	4	2	40	60	100
PGPA 02	Audit Course-II	2	-	--	-	-	-	-	-
PEMP 01	Mini Project	-	--	4	4	2	100		100
	Total	14	-	8	20	18	340	360	700

SEMESTER – III

Course Code	Course Title	Scheme of Instruction (Hours/Week)	No. of Credits	Scheme of Evaluation

		Lecture	Tutorial	Practical	Total		Sessional Marks	Semester End Examination Marks	Total
Professional Elective- V Any One from the Following		3	-	-	3	3	40	60	100
PEPE 51	Finite Element Methods								
PEPE 52	Expert Systems in Manufacturing								
Open Elective- I Any One from the Following		3	-	-	3	3	40	60	100
PGOP 11	Business Analytics								
PGOP 12	Industrial Safety								
PGOP 13	Operation Research								
PGOP 14	Cost Management of Engineering Projects								
PGOP 15	Composite Materials								
PGOP 16	Waste to Energy								
PEPD 01	Major Project: Phase-I Dissertation	-	-	20	20	10	100	-	100
	Total	6	-	20	26	16	180	120	300

SEMESTER – IV

Course Code	Course Title	Scheme of Instruction (Hours/Week)				No. of Credits	Scheme of Evaluation		
		Lecture	Tutorial	Practical	Total		Sessional Marks	Semester End Examination Marks	Total
PSPD 01	Major Project: Phase-I Dissertation	-	-	32	32	16	40	60	100
Total		-	-	32	32	16	40	60	100

CENTRE FOR SOUTHEAST ASIAN & PACIFIC STUDIES

SRI VENKATESWARA UNIVERSITY *COLLEGE OF ARTS:* / TIRUPATI

Dr. G.Vijay Kumar Reddy, Ph.D.
Chairman BOS in SEAP Studies

Phone No : 0877-2248467 (O); 2289319
Mobile No : 9440087753, 7013015850
Fax : 0877-2249621, 2289537

Minutes of the meeting of **Board of Studies** in **M.A. History (Southeast Asian and Pacific Studies)** held on 14th March 2022 in the Chamber's of the Director at 10-30 AM and decided to revise the syllabus of M.A. History (Southeast Asian and Pacific Studies)

MEMBERS PRESENT

1	Dr.M. Prayaga, In-Charge Director	: Member (Ex-Officio)
2	Dr.V.Ramesh Babu	: Member
3	Dr.M.Padmaja	: Member
4	Dr.G.Vijay Kumar Reddy	: Chairman BOS

Members of the Board of Studies approved the revised Syllabus of **M.A. History (Southeast Asian and Pacific Studies)** on CBCS regulations Amended as per NEP-2020 (With effect for the Batch admitted in the academic year 2021-2022).

In pursuance of the revised syllabus of the **M.A. History (Southeast Asian and Pacific Studies)** programme, the BOS unanimously resolved:

1. To submit a list of papers with detailed PG syllabus and the respective credits and categories (Appendix-I).
2. To inform that the instruction of the programme is in English medium; and
3. the Open Elective papers are meant for all the P.G students in SVU College of Arts , SVU College of Sciences & SVU College of Commerce and Management studies.

1	Dr M .Prayaga	:	
2	Dr.V.Ramesh Babu	:	
3	Dr.M.Padmaja	:	
4	Dr.G.Vijay Kumar Reddy	:	G.V.K. Reddy

G.V.K. Reddy
(Chairman, Board of Studies)

CHAIRMAN
BOARD OF STUDIES
Centre for Southeast Asian & Pacific Studies
S.V.U. College of Arts
Sri Venkateswara University
TIRUPATI-517 502, (A.P.) INDIA

CENTRE FOR SOUTHEAST ASIAN AND PACIFIC STUDIES

SVU COLLEGE OF ARTS :: TIRUPATI

Minutes of the meeting, of **Board of Studies** in **M.A. History (Southeast Asian and Pacific Studies)** held on 5th November 2021 in the Chamber's of the Director at 10-30 AM and, unanimously decided to revise the syllabus on the lines of skill development, Employability and Entrepreneurship on Choice Based Credit System (CBCS) regulations of **M.A. History (Southeast Asian and Pacific Studies)**

In tune with the NEP-2020 regulations the following new courses are introduced in **M.A. History (Southeast Asian and Pacific Studies)** for the benefit of Students under CBCS. Because of its relevance and importance the **BoS** has unanimously approved for new courses in Core, Compulsory Foundation and Elective Foundation Courses. The new syllabus will come into effect from 2021-2022 academic year.

Semester – I

SEAP 105 B	**Indian National Movement**
SEAP 105 C	**History of Indian Constitution, 1773- 1947**
SEAP 106 B	**History of Asian and African Nationalism**

Semester - II

SEAP 205 B	**Indian Foreign Policy**
SEAP 105 C	**International Organizations**
SEAP 206 B	**International Relations**

Semester - III

SEAP 301	Southeast Asia and World Politics
SEAP 303 C	Indian Diaspora
SEAP 303 D	Research Methodology
SEAP 304	Skills and Approaches in Understanding Area Studies
SEAP 305 A	India and the World

Semester – IV

SEAP 403 B	Ethnicity and Social Transformation in Contemporary Southeast Asia and Australia
SEAP 403 C	Developing Blue Economy
SEAP 403 D	Energy, Environment and Sustainable Development
SEAP 405 D	India and Asia-Pacific

Members Present :

1. Dr. M. Prayaga, Director : Member (Ex-Officio)
2. Dr. V. Ramesh Babu : Member
3. Dr. M. Padmaja : Member
4. Dr. G. Vijay Kumar Reddy : Chairman, BOS

G. V. K. Reddy

Chairman, Board of Studies

CHAIRMAN
BOARD OF STUDIES
Centre for Southeast Asian & Pacific Studies
S.V.U. College of Arts
Sri Venkateswara University
TIRUPATI-517 502, (A. P.) INDIA

SRI VENKATESWARA UNIVERSITY: TIRUPATI

SVU COLLEGE OF ARTS
UGC CENTRE FOR SOUTHEAST ASIAN AND PACIFIC STUDIES

(Revised Scheme of Instruction and Examination, Syllabus etc., under CBCS Regulations -2016 is Amended as per NEP-2020)
(With effect from the batch admitted in the academic year 2021-22)

M.A. History (Southeast Asian and Pacific Studies)

SEMESTER-I

S. No	Code		Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	SEAP 101		Early Cultural History of Southeast Asia	6	4	Core-Theory	20	80	100
2	SEAP 102		Regional Geography of Southeast Asia	6	4		20	80	100
3	SEAP 103		Colonization of Southeast Asia	6	4		20	80	100
4	SEAP 104		Ancient Indian History up to 1206 A.D.	6	4		20	80	100
5	SEAP 105	A	Modern European History, 1870-1991	6	4	CF	20	80	100
		B	**Indian National Movement**						
		C	**History of Indian Constitution, 1773-1947**						
6	SEAP 106	A	**Medieval Indian History 1206 A.D.–1707 A.D**	6	4	EF	20	80	100
		B	**History of Asian and African Nationalism**						
Total				**36**	**24**		**120**	**480**	**600**
7	SEAP 107		Human Values and Professional Ethics - I	**0**	**0**	Audit Course	**100**	**0**	**0**

- **All CORE Papers are Mandatory**
- **Compulsory Foundation - Choose one Paper**
- **Elective Foundation – Choose one paper**
- **Audit Course – 100 Marks (Internal) – Zero Credits under Self Study**
- **Interests Students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits**

- **In tune with the NEP-2020 Three New Courses are introduced for the benefit of Students. They can avail choice in Compulsory Foundation and Elective Foundation Courses.**

- **Choice papers will enhance their knowledge**

- **They evince interest in the Programme**

- **New courses are value added courses in the Programme**

SEMESTER – II

S. No	Code	Title of the Course		Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	SEAP 201	Contemporary Cultural History of Southeast Asia		6	4	Core-Theory	20	80	100
2	SEAP 202	Modern History of China, 1839-1976		6	4		20	80	100
3	SEAP 203	Regional Geography of South Pacific & East Asia		6	4		20	80	100
4	SEAP 204	Nationalism in Southeast Asia		6	4		20	80	100
5	SEAP 205	A	Modern Indian History 1757-1965	6	4	CF	20	80	100
		B	**Indian Foreign Policy**						
		C	**International Organizations**						
6	SEAP 206	A	History of the USA from 1789 to 1990	6	4	EF	20	80	100
		B	**International Relations**						
Total				**36**	**24**		**120**	**480**	**600**
7	SEAP 207	Human Values and Professional Ethics - II		**0**	**0**	Audit Course	**100**	**0**	**0**

- **All CORE Papers are Mandatory**
- **Compulsory Foundation - Choose one Paper**
- **Elective Foundation – Choose one paper**
- **Audit Course – 100 Marks (Internal) – Zero Credits under Self Study**
- **Interests Students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits**

- **In tune with the NEP-2020 Three New Courses are introduced for the benefit of Students. Those papers come under Compulsory Foundation and Elective Foundation Courses.**

- **Choice papers will enhance their knowledge**

- **They evince interest and show aptitude in the Programme**

- **New courses are knowledge added courses in the Programme**

SEMESTER-III

S. No	Code	Title of the Course		Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	SEAP 301	**Southeast Asia and World Politics**		6	4	Core-Theory	20	80	100
2	SEAP 302	Indochina (Cambodia, Laos & Vietnam) 1802-2000		6	4		20	80	100
3	SEAP 303	A	Modern History of Japan 1854-1975	6	4	Generic Elective	20	80	100
		B	East Asian Developments – Post Cold War						
		C	**Indian Diaspora**	6	4		20	80	100
		D	**Research Methodology**						
4	SEAP 304	**Skills and Approaches in Understanding Area Studies**		6	4	Skill Oriented	20	80	100
6	SEAP 305	A	**India and the World**	6	4	Open Elective	20	80	100
		B	Emerging Asia and the World						
Total				**36**	**24**		**120**	**480**	**600**

- **All core papers are Mandatory**
- **Generic Elective – Student has to choose any Two Paper**
- **Skill oriented Course is mandatory**
- **Open Elective are for the students of other Departments, Minimum one paper should be opted, extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study**
- **** Interested student may register for MOOCS with the approval of DDC**

- **In tune with the NEP-2020 Five New Courses are introduced for the benefit of Students. Those courses come under Core, Generic Elective, Skill Development and Open Elective Courses.**
- **Choice Courses will enhance their knowledge in similar areas**
- **Students evince interest and show aptitude in the Programme**
- **New Courses are Skill development and knowledge added courses in the Programme**

SEMESTER-IV

S. No	Code	Title of the Course		Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	SEAP 401	Regional Cooperation in Southeast Asia		6	4	Core-Theory	20	80	100
2	SEAP 402	Economic Landscape of Asia-Pacific		6	4		20	80	100
3	SEAP 403	A	Post-Cold War World order	6	4	Generic Elective	20	80	100
		B	**Ethnicity and Social Transformation in Contemporary Southeast Asia and Australia**						
		C	**Developing Blue Economy**	6	4		20	80	100
		D	**Energy, Environment and Sustainable Development**						
4	SEAP 404	**Project : Viva + Dissertation**		6	4	*MDC	20	80	100
6	SEAP 405	A	India-Australia Relations	6	4	Open Elective	20	80	100
		B	**India and Asia-Pacific**						
Total				**36**	**24**		**120**	**480**	**600**

- **All core papers are Mandatory**
- **Generic Elective – Student has to choose any Two Paper**
- **Multidisciplinary Course/ Project work is Mandatory**
- **Open Elective are for the students of other Departments, Minimum one paper should be opted, extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study**
- **** Interested student may register for MOOCS with the approval of DDC**

- **In tune with the NEP-2020 Four New Courses are introduced for the benefit of Students. Those courses come under Generic Elective, Multi-disciplinary/ Project and Open Elective Courses.**

- **Choice Courses will enhance their knowledge in similar areas**

- **Students evince interest and show aptitude in the Programme**

- **New Courses are Multi-disciplinary/ Project and knowledge added courses in the Programme**

M.A. HISTORY (SOUTHEAST ASIAN AND PACIFIC STUDIES)
SEMESTER - I

SEAP 101: EARLY CULTURAL HISTORY OF SOUTHEAST ASIA
Core Paper

UNIT – I Sources of the study of the spread of Indian Culture -- India-Southeast Asia Maritime connections -- Trade Patterns – Immigration – Early Indian settlements

UNIT - II Funan and Chenla: Funan: Indian Origin and Political Expansion – Cult of Harihara Champa – Origins – The Great Rulers and their Cultural contributions: Bhadravarman, Sambhuvarman – Hindu Culture in Champa – Temples of Myson and Po Nagar -- Kambuja Empire: Jayavarman II and Devaraja Cult – Yasovarman and Angkorian Empire – Suryavarman II and Angkor Wat – Jayavarman VII and Angkor Thom and Bayon

UNIT – III Pagan Empire: Pagan Period – Aniruddha the Great and Shwezigon temple – Kyanzitta and Ananda temple – Mon Cultural influence on Pagan – Migrations of Chins and Karens into Upper Burma – Buddhism in Thailand

UNIT – IV Buddhist Sailendras and Srivijaya Empire: Sailendras and Borobudur and other temples - Sailendra – Chola Relations - Hindu Javanese Kingdoms: Sanjaya and Mataram Dynasties – Hindu temples of Prambanan Valley – The greatness of Airlangga - The Greatness of Kritanagara and Siva Buddhism

UNIT – V Kublai Khan's Military invasions of Southeast Asia - Rise of Majapahit – King Jayanagara – Prime Minister Gajamada's Services to Majaphahit – Hindu Culture -Spread of Islam

SUGGESTED READINGS

1. Bose, Phanindra Nath, *The Hindu Colony of Champa*, (Adayar, 1927)
2. Cady, J.F., *Southeast Asia: Its Historical Development*, (New York, 1964).
3. Chatterji, B.R., *Indian Cultural Influence in Cambodia*, (Calcutta, 1928).
4. Coedes, George, *The Indianized States of Southeast Asia*, (Honolulu, 1968).
5. Hall, D.G.E., *A History of Southeast Asia*, (New York, 1968).
6. Keyes, Charles, F., *The Golden Peninsula*, (New York, 1977).
7. Le May, Reginald, *The Culture of Southeast Asia: The Heritage of India*, (London, 1964).
8. Majumdar, R.C., *Hindu Colonies in the Far East*, (Calcutta, 1973).
9. Provencher, Ronald, *Mainland Southeast Asia: An Anthropological Perspective*.

SEAP 102: REGIONAL GEOGRAPHY OF SOUTHEAST ASIA
Core Paper

UNIT – I **Physical Make-up** Distribution of Land and Water – Topography – River Systems – Climatic Regions – Vegetation Types – Soils.

UNIT – II **Resource Potentialities and Economic Base:** Arable Land – Preponderance of Agricultural Economy – Forest Wealth – Marine Products – Exportable Surplus Raw Materials and Minerals – Trading Prospects.

UNIT – III **Population:** Trends in Population Growth – Pattern of Population – Population Density – Post-Independence Migrations.

UNIT – IV **Infrastructural Development:** Transport and Communications – Industrial Development – Energy Production & Consumption – Health and Education.

UNIT – V **Geostrategic Base:** Locational Significance – Regional Variations – Zone of Confluence and Conflict.

SUGGESTED READINGS

1. Bradshaw, Michael, *A World Regional Geography*, (New York, 1997).
2. Cohen, B., *Monsoon Asia*: *A Map Geography*, (London, 1970).
3. Cole, John, *Geography of the World's Major Regions*, (London, 1996).
4. Dobby, E.H.G., *Southeast Asia*, (London, 1970).
5. Dutta, Ashok K., *Southeast Asia: Realm of Contrasts*, (Boulder: Colorado, 1985).
6. Fisher, C. A., *Southeast Asia: A Social, Economic and Political Geography*, (London, 1966).
7. Gordon East, W., Spate, O.H.K. and Fisher, Charles A., *The Changing Map of Asia*, (Norfolk, 1971).
8. Hill, R.D., *A Systematic Geography of Southeast Asia*, (Kuala Lumpur, 1979)
9. Salter, Christopher L., Hobbs, Joseph J., Wheeler Jr. Jesse H. and Trenton, Kostbade J, *Essentials of World Regional Geography*, (Sydney, 1998).
10. Spencer, J.E, and William L. Thomas, *Asia, East by South: A Cultural Geography*, (New York, 1971).

SEAP 103: COLONISATION OF SOUTHEAST ASIA
Core Paper

UNIT – I **Portuguese Conquest** of Malacca -- Portuguese Colonial Empire – Spice Trade – Spread of Christianity -- Rise and fall of Portuguese Empire in the East.

UNIT – II **Colonisation of the Philippines** by Spain – Legazpi – Direct administration of Spain – Spanish-American War – Philippines under the US -- The Dutch takeover of East Indies

UNIT – III **Colonial Conquest**: British Conquest of Malaya -- Establishment of Straits Settlements – Federated Malay States and Unfederated Malay States – British Conquest of Burma: The Three Anglo - Burmese Wars – Establishment of British Protectorate over Brunei.

UNIT – IV **Colonial Policies and Administration**: Dutch Culture System and Ethical Policy – Economic Policies of other Colonial Powers: British, Spanish and U.S. Administrations.

UNIT–V **Developments in Thailand**: The Reigns of Mongkut and Chulalongkorn – Thailand remained Independent -- Political and Economic Transformation of Thailand upto 1945

SUGGESTED READINGS:

1. Bastian, John & J. Benda, Harry, *A History of Modern Southeast Asia*, (Englewood Cliffs, 1968).
2. Buss, Claude A., *Contemporary Southeast Asia*, (New York, 1970).
3. Cady, John F., *Southeast Asia: Its Historical Development*, (New York, 1964).
4. Christie, Clive J., *A Modern History of Southeast Asia: Decolonization, Nationalism and Separatism*, (Singapore, 1996).
5. Hall, D.G.E., *A History of Southeast Asia*, (London, 1976).
6. Harrison, Brian, *Southeast Asia: A Short History*, (London, 1954).
7. Kahin, G.M., *Nationalism and Revolution in Indonesia*, (Ithaca, 1952).
8. Kahin, G.M. (ed.), *Governments and Politics of Southeast Asia*, (New York, 1966).
9. Purcell, Victor, *South and Southeast Asia Since 1800*, (Cambridge, 1965).
10. Sardesai, D.R., *Southeast Asia: Past and Present*, (New Delhi, 1997).

SEAP 104 : ANCIENT INDIAN HISTORY UPTO 1206 A.D.
Core Paper

UNIT – I Meaning and importance of the study of History – Impact of Geography on Indian History – The Features of Indus Valley Civilization – Vedic Culture – Conditions prevailed in Northern India in 6th Century B.C. – Jainism and Buddhism.

UNIT – II Mauryan Empire – Chandra Gupta – Ashoka - Decline of Mauryan Empire – Post-Mauryan period in North India

UNIT – III Kushans – Kanishka – Gupta Empire – Samudra Gupta – Golden age of Guptas – Pushyabhuti Dynasty – Harsha Vardhana – Contribution to Indian Culture.

UNIT – IV Deccan and South Indian Kingdoms – Sangam Age – Satavahanas – Cholas – Chalukyas – Rastrakutas – Kakatiyas

UNIT – V Muslim Invasions – Ghazni Mohammed – Rajputs - Ghori Mohammed – Effects of Muslim Invasions

SUGGESTED READINGS

1. Mahajan, V.D. *Ancient India*, (New Delhi, 1981)
2. Majumdar, R.C., *Ancient India*, (Calcutta, 1920)
3. Romila Thaper, *Ancient Indian History*, (Delhi; 1978)
4. Sastri, Neelakanta, *A History of South India* (Madras, 1956)
5. Sastri, Neelakanta, *History of India Vol I & II* (Madras)
6. Yazdani, G, *Early History of Deccan*, (Oxford, 1960).
7. Iswari Prasad, *Medieval India*, (Allahabad, 1974).
8. Smith, V.A., *Oxford History of India*. (Oxford, 1982).
9. *History of India*, Cambridge, (New Delhi, 2001).

SEAP 105(A): MODERN EUROPEAN HISTORY, 1870 – 1991
Compulsory Foundation

UNIT – I Franco-Prussian War – Paris Commune - The Third Republic – Bismarck and the Consolidation of German Empire.

UNIT – II Big-power Interests and Conflicts in the Balkans - Russo-Turkish War, 1877 – Treaty of San Stefano and Congress of Berlin, 1878 and their Significance.

UNIT – III Formation of Triple Alliance and Triple Entente – The Balkan Wars and their Results – Events leading to the World War I –Treaty of Versailles – Bolshevik Revolution, 1917 and its Impact on Colonial Asia.

UNIT – IV Rise of Dictatorships in Germany and Italy - Events leading to the World War II – Reconstruction of Europe – Marshall Plan – Origin and Growth of Cold War.

UNIT –V Cold War Politics in Europe – Berlin Crisis – East Europe vs. West Europe – Role of super Powers – Collapse of the Soviet Union – End of Cold War.

SUGGESTED READINGS

1. Dayal, Rahgubir, *A Textbook of Modern European History, 1789-1939*, (Bombay, 1977).
2. Ferguson, Wallace K., and Bruun, Geoffrey, *European Civilization*, (Boston, 1958).
3. Gooch, G.P., *History of Modern Europe*, (Delhi, 1979).
4. Hammond, D.Y., *Cold War and Detente*, (New York, 1975).
5. Joll, J., *Europe Since 1870*, (London, 1973).
6. Ketelbey, C.D.M., *A History of Modern Times from 1789*, (Bombay, 1976).
7. Lipson, E., *Europe in the XIX and XX Centuries, 1815-1939*, (London, 1963).
8. Marriot, J.A.Rt., *A History of Europe*, (New Delhi, 1979).
9. Taylor, A.J.P., *Struggle for the Mastery in Europe, 1848-1918*, (Oxford, 1960).

SEAP 105(B): INDIAN NATIONAL MOVEMENT
Compulsory Foundation

UNIT-I Indian Nationalism : Causes for Growth of Nationalism -- Results – Popular resistance movements -- Peasants and Tribal revolts -- The Faqir and Sanyasi Rebellions -- The Santhal Rebellion,1855-57.

UNIT-II The Revolt of 1857: Social, Religious and Political Cause -- Course and Results -- Role of Native Indian Rulers - Impact of the Revolt.

UNIT-III Indian National Congress - Moderates and Extremists -- Partition of Bengal -- Muslim League -- Swadeshi Movement -- Revolutionaries -- Home Rule Movement -- Role of Nationalist Press and Literature in the Indian National Movement.

UNIT-IV Gandhian Era - Satyagraha -- Jallianwala Bagh -- Non-Cooperation Movement -- Swarajists -- Salt Satyagraha -- Round Table Conferences -- Quit India Movement -- British Missions -- Partition and Independence.

UNIT-V Nationalist Leaders -- Jawaharlal Nehru -- Subash Chandra Bose -- Sardar Vallabhai Patel -- Maulana Abul Kalam Azad – Rajaji -- Satyamurthy.

SUGGESTED READINGS

1. Bipin Chandra et al, *Freedom Struggle*, National Book Trust, 1994.
2. Bipin Chandra et al, *India's Struggle for Independence*, Penguin, 1989.
3. Sumit Sarkar, *Modern India*, Penguin, 1990.
4. V.D. Mahajan, *Indian National Movement*, Chand & Co, 1995.
5. S. Gopal, *Jawaharlal Nehru - A Biography*, New Delhi.
6. Bipin Chandra, *The Indian Left*.
7. B.R. Nanda, *Mahatma Gandhi - A Biography*.
8. S.N. Sen, Eighteen Fifty Seven, New Delhi, 1957.

SEAP 105 (C): HISTORY OF INDIAN CONSTITUTION, 1773- 1947
Compulsory Foundation

UNIT-I Constitutional Acts under East India Company -- Duel System in Bengal -- Regulating Act 1773 – Pitt's India Act 1784 -- Charter Acts of 1793, 1813, 1833 and 1853 -- Effects of 1857 revolt on the Development of the Constitution

UNIT-II India under the Crown -- Indian Councils Acts of 1861, 1892 -- Minto-Morley Reforms 1909 – Montague and Chelmsford reforms of 1919 – Salient features

UNIT-III Simon Commission's Report - Round Table conference and India's Reactions – Indian Constitutional Act of 1935 -- Central and Provincial governments

UNIT-IV Provincial Autonomy - Constitutional Deadlock and August offer from Cripp's Mission -- Cabinet Mission Proposals, 1946 -- Mountbatten Plan -- Indian Independence Act of 1947

UNIT-V Making of the Constitution of Indian – India's National Constitution - Union Executive -- State Executive -- Union Parliament -- State Legislative -- Union and States – Judiciary -- Amendments of the Constitution - Development of Public Services -- Local Government.

SUGGESTED READINGS

1. A.C. Banerjee, A. C, *Constitutional History of India*, Vol. I, Mukherjee & Co, Calcutta, 1948.
2. Agarwal, R.C., and Bhatnagar, *Constitutional Development and National Movement of India*, 3. D.D. Basu, *Introduction to the Constitution of India*, 2015.
3. Dharma Chand Gupta, Indian National Movement and Constitutional Development, Vikas Publishing house Pvt. Ltd., Noida, 1983.
4. Manik Lal Gupta, Constitutional developments in India, Atlantic Publishers, New Delhi, 1989.
5. Sumita Singh, Constitutional Development in British India, Pragun Publications, New Delhi, 2012.
6. Kieth, A. B, Constitutional History of India, Central Book Depot, Allahabad, 1961.
7. Pylee, M. V, Constitutional Government in India, Asia Publishing, Bombay, 1967.

SEAP 106(A): MEDIEVAL INDIAN HISTORY 1206 A.D.–1707 A.D
Elective Foundation

UNIT–I Delhi Sultanate – Slave Dynasty – Khilji Dynasty – Tughlaq Dynasty – Lodi Dynasty – Downfall of Delhi Sultanate

UNIT–II Socio-cultural contribution of Delhi Sultanate - Sufi and Bhakti Movements

UNIT–III Mughal Empire – Babur – Humayun -- Akbar – Sher Shah – Jahanghir --Shahjahan – Aurangazeb – Downfall of Mughal Empire

UNIT–IV Socio-economic conditions – Trade and Commerce – Urban life – Administration of Sher Shah - Akbar's Religious Policy – Architecture

UNIT–V Rise of Regional powers – Marathas – Sivaji – Sikhs -- Advent of Europeans – British East India Company

Suggested Readings:

1. Majumdar, R.C., *Ancient India*, (Reprint), Calcutta, 2004)
2. Romila Thaper, *Ancient Indian History*, (Delhi; 1988)
3. Sastri, Nilakanta, *A History of South India* (Madras, 1956)
4. Sastri, Nilakanta, *History of India Vol I & II* (Madras)
5. Iswari Prasad, *Medieval India*, (Allahabad, 1974).
6. Smith, V.A., *Oxford History of India*. (Oxford, 2000).
7. Sharma, L.P., *History of Medieval India*, (New Delhi, 1997)

SEAP 106 (B) : HISTORY OF ASIAN AND AFRICAN NATIONALISM
Elective Foundation

UNIT-I Nationalism – Concept, meaning and definition – Theories of Nationalism – Colonisation – Anti-colonial struggles – Rise of Nationalism.

UNIT-II China – 1911 revolution – Sun Yat Sen –KMT – Chiang-kai Shek – Mao Zedong Chinese Communist party – People's Republic of China.

UNIT-III Southeast Asia – Dutch Colonisation of Indonesia – National struggle in Indonesia – French Colonization of Indo-China – Liberation of Indo-China states.

UNIT-IV Colonisation of Middle East – Arab Nationalism – National movement in Egypt.

UNIT-V Africa – Colonisation of Africa – Anti-colonial struggle in Africa – African Nationalist Movement in South Africa.

SUGGESTED READINGS

1. DGE, Hall, D.G. E., *History of South East Asia*, Mac Milan Education Ltd., London,1981.
2. Clyde and Beers, *The Far East: A History of Western Impacts and Eastern Responses, 1830-1975*, Waveland Pr Inc. 1991.
3. S.N. Fisher, *The Middle East*: A History, McGraw Hill, 1996.
4. R.J. Harrison Church, *West Africa*, Princeton, London, 1967.
5. Baril Davidson, *The Growth of African Civilisation East and Central Africa to the Late 19th Century*.

SEAP 107: HUMAN VALUES AND PROFESSIONAL ETHICS – I
Audit Course

Objectives:

- The ethos of Indian culture has been value-oriented throughout the ages.
- The rich literary heritage of India is a treasure of values and ethics to be acquired, pursued and imparted to the future generations of the present day.
- An enquiry into varying dimensions of human values may lead to furtherance of our knowledge and to ethical values suited for the modern world.

UNIT- I:
Definition and Nature of Ethics- Its relation to Religion, Politics, Business, Legal, Medical and Environment. Need and Importance of Professional Ethics - Goals - Ethical Values in various Professions.

UNIT-II:
Nature of Values- Good and Bad, Ends and Means, Actual and potential Values, Objective and Subjective Values, Analysis of basic moral concepts- right, ought, duty, obligation, justice, responsibility and freedom. Good behavior and respect for elders, Character and Conduct.

UNIT-III:
Ahimsa (Non- Violence), Satya (Truth), Brahmacharya (Celibacy), Asteya (Non-possession) and Aparigraha (Non- stealing). Purusharthas (Cardinal virtues) - Dharma (Righteousness), Artha (Wealth), Kama (Fulfillment Bodily Desires). Moksha (Liberation).

UNIT-IV:
Bhagavad Gita- (a) Niskama karma. (b) Buddhism- The Four Noble Truths – AryaAstangamarga, (c) Jainism- mahavratas and anuvratas. Values Embedded in Various Religions, Religious Tolerance, Gandhian Ethics.

UNIT -V:
Crime and Theories of punishment- (a) Reformative, Retributive and Deterrent. (b) Views on manu and Yajnavalkya.

Course Outcome:

- Students can understand the need and importance of human values and professional ethics which are essential for positive human behavior and actions in our daily lives.
- They inspire the fundamental goodness of human beings and society at large.

Suggested Readings:

John S Mackenjie: *A manual of ethics*.

Larue Tone Hosmer, Richard D., *The Ethics of Management*.

Joseph A. Petrick and John F. Quinn, *Management Ethics' integrity at work,* Response Books: New Delhi.

S.A. Sherlekar, *Ethics in Management*, Himalaya Publishing House.

Harold H. Titus, *Ethics for Today*

Maitra, S.K, *Hindu Ethics*

William Lilly, *Introduction to Ethics*

Sinha, *A Manual of Ethics*

SEMESTER – II

SEAP 201: CONTEMPORARY CULTURAL HISTORY OF SOUTHEAST ASIA
Core Paper

UNIT–I **Colonialism and Spread of Christianity**:

1. Christian Missionary Activities and the Spread of Christianity under the European Colonial rule in Southeast Asia: (a) Philippines (b) Burma (c) South Vietnam (d) Spice Islands (Molukkas)
2. Impact of Colonialism on Southeast Asian Cultures.

UNIT–II **Overseas Indians and Chinese in Southeast Asia**:

Indians:

a) Factors contributing to Indian Emigration into Southeast Asia.
b) Role of Indian Emigrants in Southeast Asia in the Struggle for Indian Freedom
c) Indian National Army – R.B. Bose – Subhash Chandra Bose

Chinese:

Chinese Economic Domination and Political Ambitions – Problem of Integration into Host-communities.

UNIT–III **Southeast Asian Culture Today**

a) Therawada Buddhist Societies.
b) Islamic Societies.
c) Christian Societies.
d) Tribal Societies and their ways of life.

UNIT–IV **Survivals of Indian Culture in Southeast Asia**.

1) Balinese Hinduism
2) Cham Hindu Culture.
3) Ramayana and Mahabharata in Southeast Asia.

UNIT–V **Nation Building in Southeast Asia**.

1) Ethnic Conflicts in Southeast Asia.
2) Efforts at National Integration.

SUGGESTED READINGS

1. Bahadur Singh, I.J., *Indians in Southeast Asia*, (New Delhi, 1981).
2. Boon, James A., *The Anthropological Romance of Bali*, (Cambridge, 1977).
3. Cady, John F., *Southeast Asia: Its Historical Development*, (New York, 1964).
4. Fisher, Charles, A., *Southeast Asia: A Social, Economic and Political Geography*, (New York, 1966).
5. Hall, D.G.E., *A History of Southeast Asia*, (New York, 1968).
6. Keyes, Charles, F., *The Golden Peninsula*, (New York, 1977).
7. Landan, K.P., *Southeast Asia: Crossroad of Religions*, (London, 1969).
8. Leber, Frank, et. al., *Ethnic Groups of Mainland Southeast Asia*, (New Haven, 1964).
9. Osborne, Milton E., *Southeast Asia*, (London, 1979).
10. Provencher, Ronald, *Mainland Southeast Asia: An Anthropological Perspective*, (New York, 1973).
11. Sandhu, K.S. & A. Mani, *Indian Communities in Southeast Asia*, (Singapore, 1993).
12. Siddique, Sharon and Nirmala Purushotam, *Singapore's Little India*, (Singapore, 1990).

SEAP 202: MODERN HISTORY OF CHINA, 1839 – 1976
Core Paper

UNIT–I Early Western Contacts – Opium Wars – Taiping Rebellion – Unequal Treaties – Sino-Japanese War, 1894 – Scramble for Concessions -- Open Door Policy -- Reform Movement: Kang Yu–Wei- Hundred Days Reform, 1898 – The Boxer Uprising - Manchu Reform Programme.

UNIT–II Sun Yat-Sen – Revolution of 1911 – The Republic – Yuan Shi-Kai – May Fourth Movement – Warlordism - Reorganisation of Kuomintang.

UNIT–III Chiang Kai-Shek -- Rise of Kuomintang – Origin and Growth of Chinese Communist Party -- Mao Tse-Tung -- Long March – Second World War – Civil War, 1945-49 -- Establishment of Peoples' Republic of China – Korean War, 1953-1954.

UNIT–IV Reconstruction and Consolidation, 1949-52 – Transition to Socialism, 1953-57 – Hundred Flowers Campaign – Great Leap Forward – Cultural Revolution, 1965-68 – Reconstruction, 968-76.

UNIT–V People's Republic of China's Relations with the USA, the USSR, India, Taiwan and South and North Korea.

SUGGESTED READINGS

1. Ahmed. L. L., *A Comprehensive History of the Far East*, (New Delhi, 1981).
2. *Cambridge Encyclopaedia of China*, (Cambridge, 1982).
3. Chesneaux, Jean and others, *History of China*, Vol.1.2, (New Delhi, 1985).
4. Chien-nung, Li, *The Political History of China, 1840-1928*, (California, 1979).
5. Clyde, P.H., and Beers, B.F., *The Far East: A History of Western Impact and Eastern Responses 1830-1975*, (New Delhi, 1976).
6. David, M.D., *The Making of Modern China*, (Bombay, 1993).
7. Hsu, Immanual, C.Y., *The Rise of Modern China*, (London, 1985).
8. Shouyi, Bai (ed.), *An Outline History of China*, (Beijing, 1982).
9. Vinacke, Harold M., *A History of the Far East in Modern Times*, (Ludhiana, 1978).

SEAP 203: REGIONAL GEOGRAPHY OF SOUTH PACIFIC AND EAST ASIA
Core Paper

UNIT–I **Physical Setting**

(a) South Pacific: (1) The Insularity and Island Types - Preponderance of Water Body and Pre-eminence of EEZs – Landforms, Climate, Soils and Vegetation Types in the Island Realm

(2) Natural Regions of Australia.

(b) East Asia: Landforms, Soils, Vegetation and Climate.

UNIT–II **Resource Base and Potentialities**

(1). Australia's Abundant Mineral Wealth (2) New Zealand's modest Mineral and Forest Resources (3) Limited Terrestrial and Marine Resources of the Island Realm (4) Japan's Human Resources and Technological Development (5) Agricultural base and Mineral Wealth of China.

UNIT–III **Economic Character**

(1) Australia's Export Economy (2) New Zealand's Pastoral Industry (3) Island Realm: Subsistence Farming – Economic Dependency (4) China: Intensive Capital Investment in State-owned Industrial Sector – Shift to Market Economy, (5) Japan: Imported Raw Materials and Energy vis-a-vis Leading Exporter of Manufactured goods – Regional Development Assistance.

UNIT–IV **Population**

(1) High Density Coastal Fringes of Australia and New Zealand – Increasing Urbanization in the Region (2) Over Population Tendencies in the Island Realm (3) Issues of Highly Populous China – Marginal Population Growth in Japan and Korea.

UNIT–V **Infrastructural Development**

(1) Well-developed Transport & Communication System, High Energy Production, Better Education and Health in Australia, New Zealand, Japan and South Korea (2) Improper Infrastructural Development in the South Pacific Island Realm, (3) Moderate Infrastructure and Modernization in China.

SUGGESTED READINGS

1. Bergsmark, D.R**.,** *Economic Geography of Asia*, Vol. 2, (Jaipur 1996).
2. Cole, John, *Geography of World's Major Regions*, (London, 1996).
3. Dobby, E.H.G., *Monsoon Asia*, Vol. 5 (London, 1961).
4. Heintzelman, O.H. and R.M. Highsmith, Jr., *World's Regional Geography*, (New Delhi,1965).
5. Kolb, A., *Geography of a Cultural Region: East Asia*, (London, 1963).
6. Salter,Christopher L., Hobbs, Joseph J., Wheeler Jr. Jesse H.and Trenton, Kostbade J.,*Essentials of World Regional Geography*, (Sydney, 1998).
7. Stamp, L. Dudley, *A Regional Geography: Asia, Australia and New Zealand*, (London, 1956).
8. Wheeler, Jr. Jesse H., Trenton Kostbade J. and Thoman, Richard S., *Regional Geography of the World*, (New York, 1969).

SEAP 204: NATIONALISM IN SOUTHEAST ASIA
Core Paper

UNIT–I **The Philippines: Replacement of the Spanish rule by the American Rule**
Origin and Growth of Nationalist Resistance to Spanish rule – Early Filipino Nationalist Leaders: Jose Rizal, Andres Bonifacio, Emilio Aguinaldo – Spanish-American War of 1898 and American Annexation of the Philippines – The Process of Filipinisation: Organic Act, 1902, Jones Act, 1916, Tydings McDuffie Act, 1934 – Japanese Occupation of the Philippines – End of World War II and the attainment of Independence.

UNIT–II **Burma:** Growth of Burmese Nationalism during and after World War I – Anti-footwear Movement, 1916-17 – Movement for Dyarchy 1921-22 – Saya San Rebellion 1931 – Burma's separation from India – The Thakin Movement – AFPFL – British reoccupation and transfer of power to the Burmese.

UNIT–III **Indonesia:** Emergence of Indonesian Nationalist Leadership: Kartini Movement, Boedi Utomo, Sarekat Islam, – 'Volksraad' – Communist Party of Indonesia (PKI), Indonesian Nationalist Party (PNI). Impact of the World War II on Indonesian Nationalist Movement – Post-World War II Developments: Proclamation of Indonesian Republic – Linggadjati Agreement – First Police Action – Renville Agreement – Second Police Action – New Delhi Conference on Indonesia – Hague Conference – Transfer of Power to Indonesia.

UNIT–IV **Malaysia**: Post-World War II Malaya – Communist bid to grab power – Establishment of UMNO, 1946 – Events leading to the Independence of Malaya – Establishment of Malaysia 1963 – Independence of Singapore, 1965.

UNIT–V **Brunei:** British Administration – Attainment of Independence in 1984.

SUGGESTED READINGS

1. Cady, John F., *Southeast Asia: Its Historical Development*, (New York, 1964).
2. Christie, Clive J., *A Modern History of Southeast Asia: Decolonization, Nationalism and Separatism*, (Singapore, 1996).
3. Hall, D.G.E., *A History of Southeast Asia*, (London, 1976).
4. Laothamatas, Anek (ed.), *Democratization in Southeast Asia and East Asia*, (Singapore,1997).
5. Pluvier, J.M., *Southeast Asia: From Colonialism to Independence*, (Kuala Lumpur,1977).
6. Purcell, Victor, *South and Southeast Asia Since 1800*, (Cambridge, 1965).
7. Sardesai, D.R., *Southeast Asia: Past and Present*, (New Delhi, 1997).
8. Suryaranarayan, V., *Singapore: Path to Independence*, (Madurai, 1977).
9. Tarling, Nicholas (ed.), *The Cambridge History of Southeast Asia*, Vols. I & II, (Cambridge, 1992).
10. Tarling, Nicholas, *Nations and States in Southeast Asia*, (Cambridge, 1998).
11. Tate, D.J.M., *The Making of Modern Southeast Asia*, Vols. I & II, (Kuala Lumpur, 1977).

SEAP 205 (A) : MODERN INDIAN HISTORY 1757 – 1965
Compulsory Foundation

UNIT–I Advent of Europeans – Anglo – French conflict – Expansion and consolidation of British power in India – Governor Generals – Robert Clive – Lord Cornwallis – Permanent Settlement of Land Revenue – Lord Wellesley – Subsidiary Alliance – William Bentinck – Reforms – Lord Dalhousie – Doctrine of Lapse.

UNIT–II First War of Independence, 1857 – Causes and Failure of the revolt – Establishment of the rule of British Crown – Viceroys - Lord Ripon – Lord Curzon – Freedom Movement – Rise of Nationalism – Establishment of Indian National Congress – Partition of Bengal – Swadeshi Movement – Muslim League – Home Rule Movement– Annie Besant – Constitutional Reforms, 1909 and 1919.

UNIT–III Cultural change and Religious Reform Movement – Rise of Modern Education and Press – Social Reform Movement.

UNIT–IV Gandhian Era – Non Co-operation Movement – Civil Disobedience Movement – Round Table Conferences – Government of India Act, 1935 – Quit India Movement – Partition of India – Indian Independence

UNIT–V Integration of Princely states – Sardar Vallabhai Patel – States Reorganisation – Indian Constitution – Declaration of Republic – Five Year Plans – Jawaharlal Nehru – Policy of Nonalignment

SUGGESTED READINGS

1) Bipan Chandra, *Modern India: A Text Book*, (New Delhi, 1986)
2) Grover B.C. and Sethi R.R., *A New Look on Modern Indian History*, (New Delhi, 1992)
3) Majumdar, R.C *History of Freedom Movement in India* (Calcutta, 1962).
4) Aggarwala, R.N., 4. *National Movement and Constitutional Development of India* (Delhi,1984).
5) Sarkar, Summit, *Modern India, 1885-1947* (Delhi, 1983)
6) Bipan Chandra, *India's Struggle for Independence* (New Delhi, 1969)
7) Spear, Percival, *The Oxford History of Modern India*, 1974-1974, (New Delhi, 1997).
8) Kashyap, Subhasuc, *History of Freedom Movement, 1885-1947,* (New Delhi, 1990).
9) Roberts, P.E., *History of British India,* (London, 1952).

SEAP 205(B): INDIAN FOREIGN POLICY
Compulsory Foundation

UNIT–I Origins of Indian Foreign Policy -- Origin and Evolution –Salient Features – Frame work – Domestic roots – Geopolitical Setting –Cultural Factors

UNIT–II India's Contribution to Philosophy of Peaceful Co-existence- Role in the Afro –Asian Decolonization – Indonesia – Indo-China

UNIT–III India and China: The Tibetan Issue -- Sino-Indian War – Post –Mao Developments – Efforts at normalization of the relations.

UNIT–IV India and South Asian Neighbours:

a) Pakistan: Kashmir Problem- Three Wars – Shimla Agreement – Hostile relations.
b) Bangladesh: Formation of Bangladesh- River –water Disputes – Border Problem –Refugee
c) Sri Lanka: Close relations- Integration issues of Tamils – India and Tamil Elam
d) Nepal: Nepal's Strategic Importance to India- Nepal between Indian and China
e) Bhutan - India Relations

UNIT–V Problems and Prospects of Regional Cooperation - Origin an d Growth of South Asian Association for Regional cooperation (SAARC) - SAARC and ASEAN Comparison

SUGGESTED READINGS

1. Bandhopadhyaya, *The Making of India's Foreign Policy*, (New Delhi, 1970)
2. Damodaran, A.K., and Bajpai., *Indian Foreign Policy: The Indira Gandhi Years*, (New Delhi, 1970)
3. Jetley, Nancy (ed), *India's Foreign Policy: Challenges and Prospects*, (New Delhi,1999)
4. Khanna, V.N., *Foreign Policy of India*, (New Delhi,1977)
5. Misra. K.P., *Foreign Policy of India*, (New Delhi, 1977)
6. Nanda. B., *Indian Foreign Policy: The Nehru Years*, (New Delhi, 1976)
7. Nasenko, *Jawaharla Nehru and India's Foreign Policy*, (New Delhi,1977)
8. Prasad, Bimla, *The Origins of Indian Foreign Policy*, (Calcutta,1960)

SEAP 205 (C) : INTERNATIONAL ORGANISATIONS
Compulsory Foundation

UNIT–I Background of International Organizations - Need for International Understanding

UNIT–II International Law – Sources of International Law -- Role and Limitation -- Resolving Disputes Peacefully

UNIT–III League of Nations: Circumstances leading to the Establishment of the League – Hague Conference – Structure – The ILO- The Mandates – Achievements of the League – Causes for the Failure of the League.

UNIT–IV United Nations: The Genesis – UN Charter – UN Organs and its Specialized Agencies – Pacific Settlement of International disputes – Collective Security

UNIT–V UN and Regional Security Pacts- social and Economic Cooperation –UN and Human Rights – UN and Terrorism.

SUGGESTED READINGS

1. Bennett, A, *International Organizations: Principles and Issues*, (London, 1977)
2. Bosu, Rukmi, *The United Nations: Organization*, (Delhi, 1992)
3. Goodspeed, Stephen, *Nature and Function of International Organization*, (New York,1954).
4. Gupta, D., *The League of Nations*, (Delhi, 1974)
5. Lurad, Evans (ed)., *The Evolution of International Organization and Administration*, (London. 1970).
6. Maurice, Wattern, *The United Nations: International Organization and Administration*, (London 1970).
7. Mehrish, B.N, *International Organization*, (Delhi, 1976)
8. Singh Sukhibir, *Structure and Function of UNO*, (Delhi, 1995)
9. United Nations, *Everyman's United Nations*, (New York, 1959)

SEAP 206 (A) : HISTORY OF THE USA FROM 1789 TO 1990
Elective Foundation

UNIT-I The Colonial background – American War of Independence – Causes and Consequences – Formation of Confederation – Framing of the Constitution – Its salient features – George Washington as the first President – Administration of John Adams.

UNIT-II Thomas Jefferson and his Republicanism – Thomas Madison and the War of 1812 – Its causes, nature and significance – James Munroe: Internal and External Policies – Andrew Jackson and his Democracy – Territorial expansion: Luisiana Purchase, 1803 and the acquisition of Florida, 1819 – Manifest Destiny: Annexation of Texas, 1845 – Settlement of Oregon, 1846.

UNIT-III The Mexican War, 1846-1848 – Causes and Results – Issue of Slavery and the anti-slavery movement – Missouri Compromise 1820 and the compromise of 1850 – Abraham Lincoln and the Civil War – Causes, Course, Significance.

UNIT-IV Reconstruction after the Civil War – Growth of big business and giant Trusts – Agrarian unrest – Labour Problems and Trade Union Movement – Progressive Movement (1900-1917) – The era of Theodore Roosevelt; William H Taft and Woodrow Wilson

UNIT-V American Imperialism – Spanish-American war, 1898 – USA and the First World War – Wilson's Fourteen Points and the Peace Treaty of 1919 – Washington Conference 1921-1922 – Great Depression 1929-33 – F.D. Roosevelt: New Deal and Good Neighbourly Policy – USA and the Second World War – Beginning of the Cold War – Truman Doctrine – Eisenhower, John F Kennedy and Regan – End of Cold War

SUGGESTED READINGS

1. Allen, H.G., *Great Britain and the United States*, (New York, 1955)
2. Brannon, J.H., *History of the Americas*, (New York, 1963)
3. Board, C.A. and Mary R.Board, *New Basic History of the United States* (New York,1960)
4. Billington, R.A., *American History* (Peterson, 1963)
5. Current R.N.W. and Others, *American History: A Survey*, (New York, 1979)
6. Daniels W.M., *American Indians*, (New York, 1957)
7. Franklin J.H., *From Slavery to Freedom*, (Chicago, 1966)
8. Hill, C.P., *A History of the United States* (New York, 1965)

SEAP 206 (B) : INTERNATIONAL RELATIONS
Elective Foundation

UNIT-I **International Relations**: Meaning and Scope – Nation-**State** – Its Features – National Power: Elements of National Power - Balance of Power – **Diplomacy:** Kinds of Diplomacies.

UNIT-II **Cold War**: Phases of Cold War - Disintegration of Soviet Union and its impact
Nonaligned Movement: Origin and Growth – Role and Relevance of the Movement
Third World: Impact of emergence of Third World – North - South Conflict and South - South Cooperation – New International Economic order (NIEO) – Role of International Law.

UNIT-III **League of Nations** – Structure – Achievements of the League – Cause for the failure of the League.

UNIT-IV **United Nations** – Principal organs – Its specialized agencies – collective Security – UN and Regional security parts – U N and Human Rights and Terrorism – Achievements of UN: Political, social and Economic cooperation UN: Challenges and future.

UNIT-V **Foreign Policies** of India with the USA, Russia, and China.

SUGGESTED READINGS

1. Chander, Prakash and Arora, Prem, *Studies in International Relations*, (New Delhi, 1989).
2. Jackson, Robert and Sorensen, George, *Introduction to International Relations*, (Oxford, 1999).
3. Morgenthau, Hans J., Politics Among Nations, (Calcutta, 1969).
4. Palmer, N.D. and Perkins, H.C., *International Relations: The World Community in Transition*, (Calcutta, 1969).
5. Sharma, Premlata, *International Relations*, (Jaipur, 1996).
6. Sharma, Urmila and Sharma, S.K., *International Relations: Theory and History*, (Delhi, 1997).
7. Srivatsava, L.N., *International Relations*, (Delhi, 1999).
8. United Nations, *Emergencies United Nations*, (New York, 1959).
9. Bosu, Rukmi, *The United Nations: Organization* (Delhi 1992).
10. Gupta, DC, *The League of Nations*, (Delhi 1974).
11. Bennelt, Le Roy A, *International Organization: Principals and Issues*, (New Jersu, 1995).
12. Trivedi, Sonu, *A Handbook of International Organization*, (New Delhi 2005).

SEAP 207: HUMAN VALUES AND PROFESSIONAL ETHICS – II
Audit Course

Objectives:

- The ethos of Indian culture has been value-oriented throughout the ages.
- The rich literary heritage of India is a treasure of values and ethics to be acquired, pursued and imparted to the future generations of the present day.
- An enquiry into varying dimensions of human values may lead to furtherance of our knowledge and to ethical values suited for the modern world.

UNIT I

Value Education- Definition - relevance to present day - Concept of Human Values - self introspection – Self-esteem - Family values-Components, structure and responsibilities of family Neutralization of anger - Adjustability - Threats of family life - Status of women in family and society - Caring for needy and elderly - Time allotment for sharing ideas and concerns.

UNIT II

Medical ethics- Views of Charaka, Sushruta and Hippocratus on moral responsibility of medical practitioners. Code of ethics for medical and healthcare professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients. Social justice in health care, human cloning, problems of abortion. Ethical issues in genetic engineering and Ethical issues raised by new biological technology or knowledge.

UNIT III

Business ethics- Ethical standards of business-Immoral and illegal practices and their solutions. Characteristics of ethical problems in management, ethical theories, causes of unethical behavior, ethical abuses and work ethics.

UNIT IV

Environmental ethics- Ethical theory, man and nature- Ecological crisis, Pest control, Pollution and waste, CI imate change, Energy and population, Justice and environmental health.

UNIT V

Social ethics- Organ trade. Human trafficking. Human rights violation and social disparities, Feminist ethics. Surrogacy/pregnancy. Ethics of media- Impact of Newspapers, Television, Movies and Internet.

Course Outcome:

- Students can understand the need and importance of human values and professional ethics which are essential for positive human behavior and actions in our daily lives.
- They inspire the fundamental goodness of human beings and society at large.

SUGGESTED READINGS:

John S Mackenjie, *A manual of ethics*.

Larue Tone Hosmer, Richard D., *The Ethics of Management*.

Joseph A. Petrick and John F. Quinn, *Management Ethics' integrity at work,* Response Books: New Delhi.

S.A. Sherlekar, *Ethics in Management*, Himalaya Publishing House.

Harold H. Titus, *Ethics for Today*

Maitra, S.K, *Hindu Ethics*

William Lilly, *Introduction to Ethics*

Sinha, *A Manual of Ethics*

SEMESTER – III

SEAP 301: SOUTHEAST ASIA AND WORLD POLITICS
Core Paper

UNIT–I Southeast Asia – Birth of Nationalism and new States -- Different Political Regimes in Southeast Asia -- Early State Formations in Southeast Asia -- Indonesia - The Suharto Era – Challenges to Constitutional Democracy - post-Suharto era - Economic Performance in Indonesia

UNIT–II The Philippines: Colonial Masters, National Politics -- Central Authority and Local Autonomy under the US – Post-Independence – Marcos – Arroyo -- Thailand : Uneasy Passage

UNIT–III Malaysia -- Malayan Emergency and the Development of the Malaysian State -- Domestic developments – State-Building – Democratization in Malaysia and Singapore

UNIT–IV Myanmar – State Building in Burma – Burma in Transition – Military Rule – Opening of Democracy

UNIT–V ASEAN : Evolving Regional Order -- Extra-regional Powers -- The South China Sea a Flashpoint -- China and the South China Sea -- Armed Clashes in the South China Sea

SUGGESTED READINGS

1. D.R. Sardesai, *Southeast Asia : Past and Present*, (Westview Press, 2003)
2. Craig A. Lockard, *Southeast Asia in World History*, (Oxford University Press, 2009)
3. David Chandler, *The Emergence of Modern Southeast Asia : A New History*, (University of Hawaii Press, 2004).
4. Charles F. Keyes, *The Golden Peninsula: Culture and Adaptation in Mainland Southeast Asia* (University of Hawaii Press, 1994).
5. Elizabeth Pisani, *Indonesia : Exploring the Improbable Nation*, (Granta Books, 2014)
6. Tim Hannigan, *A Brief History of Indonesia: Sultans, Spices, and Tsunamis: The Incredible Story of Southeast Asia's Largest Nation*, (Tuttle Publishing, 2015)

SEAP 302: INDOCHINA (CAMBODIA, LAOS AND VIETNAM), 1802–2000
Core Paper

UNIT–I Early Western Contacts – French Conquest of Cochin-China, Establishment of Protectorates over Cambodia, Laos and Annam and Tongking.

UNIT–II French Administration – Political, Economic and Social effects –Growth of Nationalism – World War II and Japanese Occupation of Indochina – Effects Declaration of 'Independence'. Re-imposition of French rule, 1945 – Struggle for Freedom – Ho Chi Minh and Viet Minh –Democratic Republic of Vietnam – Khmer Issark and Pathet Lao movements in Cambodia and Laos– Bao Dai Experiment – Franco-Vietnamese, Franco - Cambodian and Franco - Laotian Agreements,1948-49.

UNIT–III Cold War and its effects on Indochina – Sihanouk's crusade for Independence – Developments in Vietnam and Laos – Battle of Dien Bien Phu – Geneva Conference of 1954 – Provisions and their working – International Control Commissions.

UNIT–IV **Post-Geneva Developments**:

a) **Vietnam**: Internal Developments in Two Vietnams – Problems of Reconstruction in DRVN – Diem's rule in the Republic of Vietnam – Struggle for unification – National Front for the Liberation of South Vietnam – Provisional Revolutionary Government and DRVN – US involvement – Paris Agreement, 1973 – Overthrow of Thieu Regime – Unification of Vietnam.

b) **Cambodia**: Abdication of King Norodom Sihanouk – Sihanouk's rule – Struggle for Neutrality – Overthrow of Sihanouk – Lon Nol's rule, 1970-75 – Overthrow of Lon Nol.

c) **Laos**: RLG Agreement with the Pathet Lao, 1956 – Vientiane Agreement, November 1951 – Geneva Agreement 1962 – Standstill Ceasefire Agreement, 1973 -Vientiane Agreement, 1973 – Formation of PGNU, 1974 – Proclamation of LPDR, 1975.

UNIT–V Vietnam – Cambodians Conflict – Chinese Invasion on Vietnam – Cambodian problem – Collapse of Soviet Union – Integration of Indochina in to ASEAN.

SUGGESTED READINGS

1. Buttinger, Joseph, *Vietnam: A Political History*, (Andre Deutsch, 1969).
2. Cady, John F., *Southeast Asia: Its Historical Development*, (New York, 1964).
3. Dommen, J, *Conflict in Laos: The Politics of Neutralization*, (New York, 1964).
4. Hall, D.G.E., *A History of Southeast Asia*, (London, 1976).
5. Hammer, Ellen J., *The Struggle for Indochina*, (Stanford, 1956).
6. Marr, D.G., *Vietnamese Anti-Colonialism 1885-1925*, (Berkeley, 1971).
7. Murthy, B.S.N., *Vietnam Divided*, (Bombay, 1964).
8. Reddi, V.M., *A History of the Cambodian Independence Movement, 1862-1955*, (Tirupati, 1970).
9. Sardesai, D.R., *Southeast Asia: Past and Present*, (New Delhi, 1981).
10. Tarling, Nicholas, (ed.), *The Cambridge History of Southeast Asia*, (Two Volumes) (Cambridge,1992).

SEAP 303 (A) : MODERN HISTORY OF JAPAN 1854 – 1975
Generic Elective

UNIT–I Early Western Contacts - The Tokugawa Shogunate - Opening of Japan - Meiji Restoration-Political, Economic, Social and Military Transformation.

UNIT–II Japan's Expansion: Korea-Anglo-Japanese Alliance, 1902 – Russo-Japanese War, 1904 – Japan's role in the World War I - The Paris Peace Conference.

UNIT–III Political Developments during the Inter-War Period: The Washington Conference – Manchurian Crisis - Rise of Militarism - Role of Japan in the World War II.

UNIT–IV US Occupation: Political, Social and Economic Transformation – San Francisco Conference, 1951 – Post War Economic Development of Japan.

UNIT–V Japan's Relations with the Soviet Union, the USA, China, India, South and North Korea.

SUGGESTED READINGS

1. Ahmed. L. L., *A Comprehensive History of the Far East*, (New Delhi, 1981).
2. Beasley, W.G., *The Modern History of Japan*, (London, 1970).
3. Clyde, P.H., and Beers, B.F., *The Far East: A History of Western Impact and Eastern Responses 1830-1975*, (New Delhi, 1976).
4. Duus, Peter, *The Rise of Modern Japan*, Boston, 1976).
5. Mikiso, Hane, *Modern Japan: A Historical Survey*, (London, 1986).
6. Norman, E.H., *Japan Emergence as Modern State*, (Delhi, 1977).
7. Pierre Lehmann, Jean, *The Roots of Modern Japan*, (London, 1987).
8. Reischauer, Edwin O., *Japan: Past and Present*, (London, 1964).
9. Vinacke, Harold M., *A History of the Far East in Modern Times*, (Ludhiana, 1978).

SEAP 303 (B) : EAST ASIAN DEVELOPMENT IN THE POST COLD WAR
Generic Elective

UNIT–I **End of the Cold War** – Disintegration of the Soviet Union – Emergence of New World Order.

UNIT–II **China**: Post-Cold War Threat Perceptions – Diplomacy towards Southeast Asia - China and Central Asia – Shangai Cooperation – Growing Relations with Russia - Conflict and Cooperation with the USA – Policy towards Taiwan – China's quest for Energy.

UNIT–III **Japan**: Security concerns in the Post-Cold War era – Japan's strengthened relations with the USA – Diplomacy towards ASEAN – Fragile relations with China – Japan's perceptions of North Korean nuclear programme – Changed Policy towards India.

UNIT–IV **The Korean Peninsula**: Changing security environment – The North Korea's nuclear issue – The US-North Korea conflict – China's mediation – S. Korea and N. Korea conflict and cooperation – South Korea and the US relations.

UNIT–V **The East Asian Economic Cooperation**: Development of ASEAN+3 Mechanism – The emergence of forming of East Asian Community (EAC) – Role of China and Japan in the formation of EAC – Role of India in the EAC – East Asian Economic Summit 2005 – Road towards formation of Asian Economic Community.

SUGGESTED READINGS

1. Ahmed, LL, *A Comprehensive History of the Far East*, (New Delhi, 1981)
2. Alagappa, Muthiah (ed), *Asian Security Practice*, (California, 1998)
3. Cronin, Richard P, *Japan, the United States and Prospects for Asia – Pacific Security*, (Singapore, 1992).
4. Gurong, Shen and Sen Gupta, *China Looks at the World*, (Delhi, 1999).
5. Kumar, Nagesh, *East Asian Economic Community*, (New Delhi, 2005)
6. Nanda, Prakash, *Rediscovering Asia: Evolution of India's Look East Policy*, (New Delhi, 2003).
7. National Institute for Defence Studies, Japan, *East Asian Strategic Review*,2005, (Tokyo, 2006)
8. Rabindrasen, *China and ASEAN: Diplomacy during and after*, (Howrah, 2002).
9. Singh, R.S.N., *Asian Strategic and Military Perspective*, (New Delhi, 2005).
10. Taylor, Robert, *Greater China and Japan: Prospects for an Economic Partnership in East Asia*, (London, 1996)
11. Vohra, *India and East Asia*, (Delhi, 2002)

SEAP 303 (C) : INDIAN DIASPORA
Generic Elective

UNIT–I **Indian Emigration in Ancient India**

a) Sources for Study of Migration
b) Factors contributing for Migration
c) Case Study: Southeast Asian Region

UNIT–II **Indian Emigration during Colonial Period**

a) Factors contributing for Migration, Socio-economic contribution to host countries, Economic and Political Status
b) Case Studies: Myanmar (Burma) Malaysia and Singapore Fiji, Mauritius, Sri Lanka, Africa and Caribbean Islands

UNIT–III **Indian Emigration during Post-Independent period**

a) Factors promoting migration Socio-economic contribution to host countries and the country of origin (India)
b) Case Studies: USA, Europe, Australia and Gulf Countries (West Asia)

UNIT–IV **Indian Communities abroad: Moves at Unity and Cooperation**

a) GOPIO: Establishment and growth
b) The role of Indian Diaspora in National Reconstruction and image building in International Fora and in host countries

UNIT–V **Indian Diaspora and India's Policy**

a) Trends in India's policy towards Indian Diaspora
b) Pravas Bharatiya Divas (PBD) Conventions of 2003, 2004, 2005 and 2006

SUGGESTED READINGS

1. Arasarathnam, Sinnappah, *Indians in Malaysia and Singapore*, (London, 1970)Tinker, Hugh, *The Banyan Tree*, (New York, 1977)
2. Chakravarthi, Nalini Ranjan, *The Indian Minority in Burma*, (Bombay, 1971).
3. Ghosh, Lipi and Ramakrishna Chatterjee, (ed.), *Indian Diaspora in Asian and Pacific Regions: Culture, People, Interactions*, (New Delhi, 2004).
4. Gupta, Anirudha, "Overseas Indians: Patterns, Myths and Misconceptions," in *International Conference on the Indian Diaspora*, (November 1st & 2nd, 1994, University of Hyderabad).
5. Jain, Prakash, C., "Gulf Migration and its impact," in *International Conference on the Indian Diaspora*, (November 1st & 2nd, 1994, University of Hyderabad).
6. Mayer, Adrian, C., *Peasants in the Pacific*, (London, 1973)
7. Motwani Jagat K. (ed.), *Global Indian Diaspora: Yesterday, Today and Tomorrow*, (New York, 1993).
8. Nagarajan, S., *Tamils Abroad : Non – Asian Countries*, Tamil University Pub. No. 173 (1995)

SEAP 303 (D) : RESEARCH METHODOLOGY
Generic Elective

UNIT-I **Research Design:** Nature, Scope and Definition - Types of research – Descriptive – Analytical - Applied - Fundamental, Quantitative- Qualitative - Conceptual – Empirical - Basic Research Process - Formulating the research problem - Selection of Topic - Literature review – Collection of Material - Primary and Secondary sources - Reviews - Monographs

UNIT-II **Research Techniques:** Observation and collection of data -- Methods of data collection - Sampling methods - Data processing Analytical tools - Data analysis – Observation – Interviews

UNIT-III **Soft Computing:** Computer and its Role in Research - Web sources -- charts summarizing statistical data, network diagrams, and to retrieve data -- Use of Statistical Software SPSS

UNIT-IV **Methods of Data Collection and Report Writing:** The Survey Method – Case Study Method – Primary and Secondary data – Classification and Tabulation – Preparation of Tables – Preliminaries of Research Report Writing - Significance of Report Writing, Different Steps in Report Writing, Layout of the Research Report, Types of Reports, Oral Presentation, Mechanics of Writing a Research Report, Precautions for Writing Research Reports and inclusions.

UNIT-V **Research Ethics and Scholarly Publishing:** Ethics-Ethical Issues, Ethical Committees (Human & Animal) - Scholarly Publishing- IMRAD Concept - Uses in Social Sciences research - Designing of a Research Paper - Citation and Acknowledgement - Plagiarism - Reproducibility and Accountability.

SUGGESTED READINGS

1. Garg, B.L., Karadia, R., Agarwal, F. and Agarwal, U.K., 2002. *An introduction to Research Methodology*, RBSA Publishers.
2. Kothari, C.R., 1990, *Research Methodology: Methods and Techniques*. New Age International.
3. Sinha, S.C. and Dhiman, A.K., 2002. *Research Methodology*, Ess Ess Publications. 2 volumes.
4. Trochim, W.M.K., 2005, *Research Methods: the concise knowledge base*, Atomic Dog Publishing.
5. Wadehra, B.L. 2000, *Law relating to Patents, Trade marks*, Copyright designs and geographical indications, Universal Law Publishing.

SEAP 304: SKILLS AND APPROACHES IN UNDERSTANDING AREA STUDIES
Skill Oriented Paper

UNIT-I **Introduction to Area Studies**: Concept, Nature and Scope of Area Studies; A brief history of Area Studies; Multidisciplinary Approach – Area Studies and other Disciplines; Area Studies, Regional Studies and International Relations – Area Studies in the era of Globalisation – Area, Region and Study Area: Southeast Asia and Pacific

UNIT-II **Geography and Political Studies**: Trajectories and Manifesto; Globalization and New Trends in Geography; Importance of Regional Geography; Skills of Map Reading and Map Making; Types of Maps – The theory and method of comparative Area Studies; Regional Studies from an Ideological Perspective – International Organisations and Regional Groupings

UNIT-III **Significance of History in Area Studies**: Study area - Studying History Chronologically – Acquiring knowledge through different sources - Regional History -- Historical Trade routes; Era of Explorations; Trade competition; Colonisation – Rise of Nationalism in Southeast Asia -- Causes and Consequences of Conflicts and Wars - Current Geopolitical scenario.

UNIT-IV **Understanding the Cultural Domains**: Ethnographic learning – Culture, Geography and Demography; Understanding the global connections - Race, Gender, Class, Economy and Religion; Cross-cultural understandings; Language and Cultural interaction; Culture - International Relations and Foreign Policy; Indian Cultural Imprints; Cultural Conflicts in Southeast Asia and Pacific and its effects.

UNIT-V **Economic facets of Area Studies**: Major economic trends in 20th century - Economic variations in the region – Regionalism and Multilateralism – Globalisation and geo-economic priorities - Foreign trade, Investment and Capital Movement; Regional Trade regimes – FTAs; New International Economic Order (NIEO); Digitalization and Cyber Security; Means of Cooperation and Conflict

SUGGESTED READINGS

1. Edith Clowes and Shelly Jarrett Bromberg, *Area Studies in the Global Age – Community, Place, Identity* (NIU Series in Slavic, East European, and Eurasian Studies), 2016.

2. Ariel I. Ahram, Patrick Köllner, and Rudra Sil, *Comparative Area Studies: Methodological Rationales and Cross-Regional Applications*, (Oxford University Press, 2018).

3. Milton Osborne, *Southeast Asia: An Introductory History*, (Allen & Unwin, 2016)

4. D.R. Sardesai, *Southeast Asia: Past and Present*, (Westview Publishers, Hawaii, 2018)

5. Richard J. Evans, *In Defence of History*, (Granta, 2001).

6. Ariel I. Ahram, Patrick Kollner and Rudra Sil, *Comparative Area Studies: Methodological Rationales and Cross-Regional Applications*, (Oxford University Press, 2018).
7. W. Clowes and Shelly Jarrett Bromberg (eds.), *Area Studies in the Global Age: Community, Place, Identity*, Northern Illinois University Press, 2015.

SEAP 305 (A) : INDIA AND THE WORLD
Open Elective

UNIT–I **India and Non-Aligned Movement**: India's Policy of Non-Alignment: Jawaharlal Nehru as messenger of Peace - Indira Gandhi Period - India's Non-Aligned Policy after the end of Cold War.

UNIT–II **India and the United Nations:** India's role in the founding of the UNO - India's Participation in the Principal organs of UNO – India and the Kashmir issue at the UNO - India and the Proposed reconstruction of the UNO.

UNIT–III **India – US Relations:** India and the USA – Similarities and Irritants - Indo-US Relations during the Cold War Period – Shadow of U.S.-Pakistan relations on India – Partnership in the War against Terrorism.

UNIT–IV **India - Russia Relations:** Cordial Relations during Nehru time – Relations during Indira Gandhi Period – Indo-Soviet Treaty of Friendship and Cooperation and the Bangladesh crisis – India – Russia relations after the Cold War.

UNIT–V **India, the Arab World**: Saudi Arabia and United Arab Emirates (UAE) - European Union

SUGGESTED READINGS

1. Bosu, Rukmi, *The United Nations: Organisation*, (Delhi, 1992).
2. Chopra, V.D., *India and the Socialist World*, (New Delhi, 1983).
3. Dixit, J.N, *My South Block Years: Memories of Foreign Policy*, (New Delhi, 1996).
4. Dixit, J.N, *Across Borders: Fifty Years of India's Foreign Policy*, (New Delhi, 1998).
5. Jha, N.K., (ed), *India's Foreign Policy in a Changing World*, (New Delhi, 2000).
6. Prasad, Bimla (ed.), *India's Foreign Policy Studies*, (New Delhi, 1979).
7. Rajan, M.S., *Nonalignment & Nonaligned Movement: Retrospect and Prospect*, (New Delhi, 1990).
8. Rasgotra, M. & Chopra, V.D., (eds.), *India's Relations with Russia & China*, (New Delhi,1997).

SEAP 305 (B) : EMERGING ASIA AND THE WORLD
Open Elective

UNIT–I Economic and Social Progress in Asia – Economic Growth and Developing Countries – Trends of Trade among Asian Countries – Asian Economic Crisis and Recovery – Economic Integration

UNIT–II Foreign Direct Investments in Asia – China's Economic Revolution – India's Look East Policy – Dynamics of Japan's Economy

UNIT–III Maritime Security – Drug and Human Trafficking – Sea Lanes of Communication – South China Sea – India and the Indian Ocean.

UNIT–IV 21st Century and Asian Regionalism – ASEAN, SAARC and EAS – Influence of Extra Regional Powers – Growing Significance of India, China, Japan and S. Korea

UNIT–V Energy Geopolitics – The Race for Nuclear Technology/Weapons – International Terrorism – West and Central Asian Energy and its Impact on Asian Economy and Security.

SUGGESTED READINGS

1. Campos, Jose Edgardo, and Hilton L. Root. 1996, *The Key to the Asian Miracle: Making Shared Growth Credible*, Washington, D.C.: Brookings Institution.

2. Dreze, Jean and Amartya Sen. 2002, *India: Development and Participation*. Oxford University Press.

3. Shirk, Susan L. 1993, *The Political Logic of Economic Reform in China*. University of California Press. Berkeley.

4. Katz, Richard. 1998, *Japan The System That Soured: The Rise and Fall of the Japanese Economic Miracle*, Armonk, N.Y.: M.E. Sharpe.

5. Michael Mastanduno, "Incomplete Hegemony: the United States and Security Order in Asia," in Alagappa, *Asian Security Order*, pp. 141-170.

6. Avery Goldstein, "Balance-of-Power Politics: Consequences for Asian Security Order," in Alagappa, *Asian Security Order*, pp. 171-209.

7. Mitchell B. Reiss, "Prospects for Nuclear Proliferation in Asia," in Tellis & Wills (eds.), *Strategic Asia 2005-06*, pp. 333-360.

8. Muthiah Alagappa (ed.), *The Long Shadow: Nuclear Weapons and Security in 21st Century Asia*.

SEMESTER – IV

SEAP 401: REGIONAL COOPERATION IN SOUTHEAST ASIA
Core Paper

UNIT–I **Identification of Southeast Asia as a Region:** Mountbatten and SEAC. **Early Attempts at Regional Cooperation:** The Philippines Proposal of Pacific Union – SEATO (1954) – Bandung Conference (1955) – Five Power Defence Treaty – ASA (1963) MAPHILINDO (1963).

UNIT–II **Formation of ASEAN**
Circumstances leading to the Establishment of ASEAN - Aims & Objectives – First Decade of ASEAN – Emergence of Communism in Indochina and its Impact on ASEAN – **Cambodian Problem and ASEAN's Response** – ASEAN's opposition to Vietnam's intervention in Cambodia – Establishment of ASEAN-sponsored CGDK – Settlement of the Cambodian Problem – Paris Peace Accords of 1991.

UNIT–III **Road to ASEAN-10**
Admission of Brunei (1984), Vietnam's Admission (1995), Myanmar and Laos Membership (1997) – Cambodia joins as last country (1999).

UNIT–IV **ASEAN Meetings –** ASEAN Foreign Ministers Meetings – ASEAN + 3 – ASEAN Summit Meetings

UNIT–V **ASEAN's Economic and Security Cooperation** – Establishment of ARF (1993) – Annual Meetings of ARF – AFTA.

SUGGESTED READINGS

1. Fawcett, Louise and Hurrell, Andrew (eds.), *Regionalism in World Politics: Regional Organization and International Order*, (Oxford University Press, New York, 1995).

2. Fifield, Russel H., *Southeast Asia in United States Policy*, (Frederck A. Praeger, New York, 1963).

3. Ganesan, N., *Bilateral Tensions in Post-Cold War ASEAN*, (Institute of Southeast Asian Studies (ISEAS), Singapore, 1999).

4. Mahathir Bin Mohamad, *Regionalism, Globalism and Spheres of Influence: ASEAN and the Challenge of Change into the 21st Century*, (ISEAS, Singapore, 1989).

5. Rigg, Jonathan, *Southeast Asia: A Region in Transition*, (Routledge, London, 1994).

6. Sueo, Sekiguchi and Makito, Noda (eds.), *Road to ASEAN-10: Japanese Perspectives on Economic Integration*, (ISEAS, Singapore, 1999).

7. Tan, Joseph L.H. (ed.), *AFTA in the changing international economy*, (ISEAS, Singapore, 1996).

SEAP 402: ECONOMIC LANDSCAPE OF ASIA-PACIFIC
Core Paper

UNIT–I **Regional Economic Character:** Natural Resources of Asia-Pacific Region – Southeast Asia: Locational significance – Growth of agricultural economy – Rise of Industrial economies – N I Es – Singapore, Malaysia, Thailand and Indonesia.

UNIT–II **Economies of East Asia:** U.S.-Japan Alliance -- Rise of Japan – China: Deng Xiao Ping Economic Policies – Growth of China after the Cold War.

UNIT–III **Significance of South Pacific:** Australia: Active engagement in agriculture and food production – Mining – Farm economy to open market economy. New Zealand: Agriculture, Animal Husbandry – Industrial potentials.

UNIT–IV **Economic Cooperation across the Asia – Pacific:** Regional Economic Groups in Asia-Pacific: ASEAN, ESCAP-APEC-EAS.

UNIT–V **International Economic Cooperation:** Economic Reforms – Foreign Trade – FTAs – AFTA –EEZ's - Effects of Globalization.

SUGGESTED READINGS

1. L.M. Bhole, *Financial Institutions and Markets: Structure, Growth, and Innovations*, Tata McGraw Hill Publishing Company Limited, New Delhi, 2004.
2. Paul R. Krugman & Maurice Obstfield, *International Economics*, Addison Wesley Longman (Singapore) Pte. Ltd., Delhi, 2000.
3. Dilip K. Das, *Asian Economy and Finance: A Post – Crisis Perpective*, Springer Publisher, New York, 2005.
4. Jon, D. Kendall, Donghyun Park, Randolph Tan, *East Asian Economic Issues*, World Scientific Publishers, New York, 1997.
5. Mohamed Ariff and others, *AFTA in the Changing International Economy*, (ISEAS, Singapore, 1996).
6. *Regional outlook – Southeast Asia (2001-2005)* (ISEAS, Singapore, 2000).
7. *The Far East and Australasia* (Ed.) (Europa Pubilications, England, 2002).
8. World Bank, *World Development Reports*, Oxford University Press, New York.
9. W. T. O. Regionalism and the World Trade Systems.

SEAP 403 (A) : POST COLD WAR WORLD ORDER
Generic Elective

UNIT–I Contemporary World Order: End of Cold War – United States as pre-eminent power – Its effects on International Relations - Relevance of Non-Aligned Movement in the Post-Cold War era.

UNIT–II Globalization and World Trade Organization – Role of Multinational Corporations (MNCs).

UNIT–III North-South Relations – Demand for New International Economic Order (NIEO) – The Present International Economic Order.

UNIT–IV Human Rights – Terrorism – Non-State Actors in International Relations.

UNIT–V Experiments in Regional and Multilateral Cooperation – Role of Regional Associations – Structure and character of OAU, OAS, EEC, ASEAN, APEC, ASSRC and EAC – Emerging Multipolar World

SUGGESTED READINGS

1. Trivedi, Sonu, *A Hand Book of International Organizations*, (New Delhi, 2005).
2. Bennett, A. LeRoy, *International Organizations: Principles and Issues*, (New Jersey, 1995).
3. McGrew, Anthony and Brook, Christopher (ed.), *Asia-Pacific in the New World Order*, (London, 1998).
4. Micheal Yahuda, *The International Politics of the Asia-Pacific, 1945-1995*, (London, 1996).

SEAP 403 (B) : ETHNICITY AND SOCIAL TRANSFORMATION IN CONTEMPORARY SOUTHEAST ASIA AND AUSTRALIA
Generic Elective

UNIT–I Multi-ethnic and multi-religious background of Southeast Asian countries – Major Ethnic groups: Karen, Shan, Mon, Cham, Khmer, Vietnamese, Sundanese, Hmong - Migration - Mobilization – Marriage and family systems-kinship patterns – society - community.

UNIT-II Social change - socio-cultural change - Ethnicity - Enculturation - Etiquette Assimilation, Accommodation and Transculturation - Religious beliefs, multiculturalism in Southeast Asian countries.

UNIT-III Economic trade and exchanges in Southeast Asian Countries - Political systems in Southeast Asian countries - Economic prosperity - Regional progress - Social organisation - Educational institutions - Higher education and development index - science and technology - Software industries - Modern medical facilities – Research - Social transformation in Southeast Asia.

UNIT-IV Status of women in Southeast Asia - Gender inequalities-women empowerment -Women problems - Feministic challenges – Human trafficking

UNIT-V Aborigines in Australia: People- History - Socio-cultural back ground - Aborigines Arts - Aborigines in White Australia – Stolen generation - Human Rights and their violation - Policies of Social transformation - Social inclusion and Social change

SUGGESTED READINGS

1. Jacques Hersh, Johannes Dragsbaek Schmidt, Niels Fold, *Social Change in South East Asia New Perspectives*, (Routledge, 1998).
2. Riaz Hassan, *Local and Global: Social Transformation in Southeast Asia*, (Leiden, 2005).
3. Dicky Sofjan, *Religion, Public Policy and Social Transformation in Southeast Asia: Managing Religious Diversity Vol. 1* (Globethics.net Focus Series Book 33, 2016).
4. Deepak Nayyar, *Asian Transformations*, (Oxford University Press, 2019).
5. Dayley, Robert & amp; Clark D. Neher, *Southeast Asia in the New International Era*. (2013).
6. John Greenway, "Australian Aborigines and the native peoples of Torres strait to (1959).
7. Huotari, Mikko & amp; Jurgen Ruland, *Introduction: Context, Concepts, and comparison in Southeast Asian Studies* (2014).
8. Clair Smith and Graeme K. Ward, *Indigenous cultures in an interconnected world*.
9. Richard Broome, "Aboriginal Australians": Black Responses to White Dominance, 1788-2001.

SEAP 403 (C) : DEVELOPING BLUE ECONOMY
Generic Elective

UNIT–I Importance of Blue Economy-Key Economic Issues: Food Security-Demand for Protein - Rising Coastal Tourism-Surging of Seaborne Trade-Demand for Alternative Sources of Energy - Managing Coastal Urbanisation-Improving Ocean Health -Providing Marine Governance-Ocean Technologies

UNIT–II Guiding Principles of Blue Economy- Efficient Utilization of Marine Resources-Exploiting Opportunities in Emerging Marine Industries- Inclusive and Harmonious Growth with sustainability concerns- Creating Legal and Regulatory Institutions

UNIT–III Elements of Blue Economy: Fisheries and Aquaculture- Ports and Shipping-Deep-Sea Oceanic Resources-Marine Biotechnology -Marine Services

UNIT–IV Ocean Energy: Relevance of Ocean Renewable Energy- SDGs in the context of Blue Economy- Potential, Current Status and Demand Pattern of Renewable Energy-Cost of Ocean Renewable Energy-Importance of Ocean Renewable Energy in SIDS- Importance and Status of Ocean Renewable Energy for IORA-Factors Affecting Growth of Renewable Energy

UNIT–V Technology Driven Emerging Sectors: Offshore and Deep-Sea Oceanic Resources- Deep-Sea fishing- Emerging Cruse Sector -Marine Biotechnology-Marine Derived Pharmaceuticals

SUGGESTED READINGS

1. Charles S Colgan, "*Measurement of the Ocean and Coastal Economy: Theory and Methods*" National Ocean Economics Project, USA, 2004.

2. Charles S Colgan, and Judith Kildow, "*Understanding the Ocean Economy within Regional and National Contexts",* Centre for the Blue Economy, Monterey Institute of International Studies, Monterey, CA, 2013.

3. Gunter Pauli, *"The Blue Economy: 10 years, 100 innovations, 100 million jobs"*, Paradigm Publications, 2010.

4. Michael Conathan, and Scott Moore, "*Developing a Blue Economy in China and the United States,"* Centre for American Progress, 2015.

5. P. Stenzel, "*Resource Assessment for Osmotic Power Plants in Europe and Worldwide*", in F. Lienard, and F. Neumann, (eds.), Salinity Gradient Power in Europe: State of the Art, Sustainable Energy Week, Brussels, 2011.

6. Rui Zhao, "The *Role of the Ocean Industry in the Chinese National Economy: An Input-Output Analysis*", Centre for the Blue Economy, Monterey Institute of International Studies, Monterey, CA, 2013.

7. UNCTAD, "*The Oceans Economy: Opportunities and Challenges for Small Island Developing States,* New York, and Geneva, 2014.

SEAP 403 (D) : ENERGY, ENVIRONMENT AND SUSTAINABLE DEVELOPMENT
Generic Elective

UNIT–I Introduction – Types of energy sources, Demand and supply – Estimates of energy reserves – Energy Resources and Investment – Overview of global / India's energy scenario.

UNIT–II Environmental effects of energy extraction, conversion and use – primary and secondary pollutants – consequence of pollution and population growth – pollution control methods and impacts.

UNIT–III Defining Environmental Security - Green technologies for addressing the problems of Water, Energy, Health, Agriculture and Biodiversity

UNIT–IV Types of Renewable Energy: solar, wind and nuclear energy – Low-cost and no-cost ways to save energy – The potential for solar energy, other renewable energy, and conservation.

UNIT–V Development of Green Energy – Biodiversity and ecosystems and their implications for sustainable development – Major environmental issues: climate change and global warming, greenhouse gas emissions – Assessment of its impact, mitigation and adaptation.

SUGGESTED READINGS

1. Ristinen, Robert A. Kraushaar, Jack J. AKraushaar, Jack P. Ristinen, Robert A., *Energy and the Environment*, 2nd Edition, Wiley, New York, 2006.

2. World Energy assessment, UNDP, *Energy and the Challenge of Sustainability*, N York, 2000.

3. Hinrichs, Roger A. and Merlin Kleinbach, *Energy: Its Use and the Environment*, New York: Harcourt 2002.

4. International Energy Agency, *Energy Policies of IEA Countries*, Australia, 2012, Review.

5. Korin, Anne and Gal Luft (Eds.), *Energy Security Challenges for the 21st Century: A Reference Handbook*, Praeger, NY, 2009.

6. Priest, Joseph, *Energy: Principles, Problems, Alternatives* (New York: Addison-Wesley, 1991).

7. Smil, V., "Energy in the Twentieth Century: Resources, conversions, costs, uses and consequences," *Annual Review of Energy and the Environment*, 2000.

8. Tester, Jefferson W., Elisabeth M. Drake and others, *Sustainable Energy: Choosing Among Options*, Cambridge, MIT Press. 2005.

9. E H Thorndike, *Energy & Environment: A Primer for Scientists and Engineers*, Addison-Wesley Publishing Company, http://maysero.ru/vumezoru.pdf.

10. *Environment – A Policy Analysis for India*, Tata McGraw Hill, 2000.

SEAP 404: PROJECT: DISSERTATION + VIVA
Project work

Dissertation: 80 Marks
Viva : 20 Marks

SEAP 405 (A) : INDIA – AUSTRALIA RELATIONS
Open Elective

UNIT–I Basic Linkages of India-Australia Relations

1) Geographical Proximity as Littoral States of Indian Ocean.
2) Commonalities based on:
(a) Geological past, (b) Mining conditions, (c) Climate, (d) Colonial legacy,
(e) Concerns over Indian Ocean security
3) Complementarities in Economic and Trade Relationships.

UNIT–II Political Issues and Security Concerns

a) Nehru - Menzies Ideological Estrangement
b) Australia's Positive Response on the eve of Chinese aggression
c) Australia's Initiatives and India's Reluctance for Defence Cooperation
d) Australia-India Approaches to the Indian Ocean Security

UNIT–III Economic and Trade Relations

a) Economic and Technical Cooperation – Colombo Plan and after
b) Trade Imbalance

UNIT–IV Post - Cold War Initiatives

1) India's Look East Policy
2) Australia's Look West Policy
3) Joint Business Councils:
(a) Investment, (b) Scientific and Technical Cooperation, (c) Trade

UNIT–V Strategic and Security Concerns

(1) Australia's Recognition of India's Security Concerns.
(2) Australia's Reaction to India's Nuclear tests.
(3) Strategic Dialogue and Partnerships.
(4) Impact of India-U.S. Bonhomie on the India-Australia Relations.

SUGGESTED READINGS

1. Banerjee, D., *Towards an Era of Cooperation: An Indo-Australia Dialogue*, (New Delhi, 1995).
2. Department of Defence, *Australia's Strategic Policy*, (Canberra, 1997).
3. Evans, G. and Grant, B., *Australia's Foreign Relations in the World of the 1990s*, (Carton: Victoria, 1995).
4. Greenwood, G. and Norman, H., *Australia in World Affairs, 1950-55, 1956-1960, 1961-1965, 1966-1970*, (Cheshire, 1957, 1963, 1968, 1974).
5. McPherson, K. and Panandikar, V.A.P., *India- Australia: Public Policy Conference*, (New Delhi, 1996).
6. Neelamegham, S. Midgley, D. and Sen, C., *Enterprise Management: New Horizons in Indo- Australian Collaboration*, (New Delhi, 1999).
7. Senate Standing Committee on Foreign Affairs, Defence and Trade, *Australia-India Relations: Trade and Security*, (Canberra, 1990).
8. Vicziany, Marika (ed.), *Australia-India, The Economic Links: Past, Present and Future*, (Nedlands: Western Australia, 1993)
9. Watt, A., *The Evolution of Australian Foreign Policy, 1938-1965*, (London, 1967).

SEAP 405 (B) : INDIA AND THE ASIA – PACIFIC
Open Elective

UNIT–I **Post-Cold War Asia – Pacific** Economic reforms in China and India- Japan's search for new role, ASEAN and Asia –Pacific

UNIT–II **India – Southeast Asia** Cold War Politics –India's Look East Policy and ASEAN'S response – Emerging partnerships with ASEAN countries: Singapore, Malaysia, Indonesia, Thailand and Indochina countries and Myanmar's importance to India

UNIT–III **India and South Pacific** India –Australia relations- Australia's Look West policy Australia and New Zealand enhanced relations with India -- India-Fiji Relations India –Australia and ASEAN interaction

UNIT–IV **India and East Asia** India rediscovers China –India-China relations after the Cold War New Strategic partnership with Japan-Enhanced relations with South Korea. East Asia Summits

UNIT–V **India's Cooperation with Regional and sub-Regional Organizations in the Asia-Pacific --** APEC, Pacific Islands Forum, IQR-ARC, ASEAN Regional Forum, BIMSTEC and Mekong Ganga Cooperation.

SUGGESTED READINGS

1. Chan Wahn Kim, *Economic Liberalisation and India's Foreign Policy*,(Delhi.2006)
2. Cohen , Stephen P., *Emerging Power: India*, (Oxfored,2001).1998)
3. Islam, Iyanatul and Chowdhury, Anis, *Asia-Pacific Economics*, (London, 1997).
4. Mc Grew, Anthony and Brook, Christopher(ed)., *Asia – Pacific in the New World Order*, (London1998)
5. Micheal Yahuda, *The International Politics of the Asia-Pacific, 1945-1995*, (London,1996).
6. Qurong, Shen and Gupta, Bhabani Sen (eds.) *China Looks at the World*, (Delhi,1999).
7. Sharma, R.R.(ed.), *India and Emerging Asia*,(New Delhi,2005)
8. Shukla, Vatsala, *India's Foreign Policy in the New Millennium*,(New Delhi,2005).
9. Taling, Nicholas (ed.), *The Cambridge History of Southeast Asia*, Vols, I &II, (Cambridge,1992)
10. Trivedi, Sonum *A Hand Book of International Organizations*, (New Delhi, 2005).

CENTRE FOR SOUTHEAST ASIAN & PACIFIC STUDIES

SRI VENKATESWARA UNIVERSITY *COLLEGE OF ARTS:* : TIRUPATI

Dr. G.Vijay Kumar Reddy, Ph.D.
Chairman BOS in SEAP Studies

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CENTRE FOR SOUTHEAST ASIAN & PACIFIC STUDIES

SRI VENKATESWARA UNIVERSITY: TIRUPATI

Minutes of the meeting of **Board of Studies** in **M.A. Tourism** held on 14th March 2022 in the Chamber's of the Director at 10-30 AM and decided to revise the syllabus of M.A. (Tourism)

MEMBERS PRESENT

1 Dr.M. Prayaga, In-Charge Director : Member (Ex-Officio)
2 Dr.V.Ramesh Babu : Member
3 Dr.M.Padmaja : Member
4 Dr.G.Vijay Kumar Reddy : Chairman BOS

Members of the Board of Studies approved the revised Syllabus of **M.A. (Tourism)** on CBCS regulations Amended as per NEP-2020 (With effect for the Batch admitted in the academic year 2021-2022).

In pursuance of the revised syllabus of the **M.A. (Tourism)** programme, the BOS unanimously resolved:

1 To submit a list of papers with detailed PG syllabus and the respective credits and categories (Appendix-I).
2 To inform that the instruction of the programme is in English medium; and
3 the Open Elective papers are meant for all the P.G students in SVU College of Arts , SVU College of Sciences & SVU College of Commerce and Management studies.

1 Dr M .Prayaga :
2 Dr.V.Ramesh Babu :
3 Dr.M.Padmaja :
4 Dr.G.Vijay Kumar Reddy : G.V.K. Reddy

G.V.K. Reddy

(Chairman, Board of Studies)

CHAIRMAN
BOARD OF STUDIES
Centre for Southeast Asian & Pacific Studies
S.V.U. College of Arts
Sri Venkateswara University
TIRUPATI-517 502, (A.P.) INDIA

CENTRE FOR SOUTHEAST ASIAN AND PACIFIC STUDIES
SVU COLLEGE OF ARTS :: TIRUPATI

Minutes of the meeting, of **Board of Studies** in **M.A. Tourism** held on 5th November 2021 in the Chamber's of the Director at 10-30 AM and, unanimously decided to revise the syllabus on the lines of skill development, Employability and Entrepreneurship on Choice Based Credit System (CBCS) regulations for **M.A. Tourism programme.**

In tune with the NEP-2020 regulations the following new courses are introduced in **M.A. Tourism** for the benefit of Students under CBCS. Because of its relevance and importance the **BoS** has unanimously approved the new courses in Core, Compulsory Foundation and Elective Foundation Courses. The new syllabus will come into effect from 2021-2022 academic year.

Semester – I

T 103	**Travel and Tourism**
T 105 B	**Socio-Economic Dimensions of Tourism**
T 105 C	**International Tourism and UNESCO Sites in India**
T 106 A	**Tourism Products**
T 106 B	**Transport Management**

Semester – II

T 202	**Cultural and Heritage Tourism**
T 203	**Rural and Urban Tourism**
T 204	**Ecotourism**
T 205 B	**Virtual and E-tourism**
T 206 B	**Tour Packages and Itinerary planning**

Semester – III

T 303 A	Environment, Sustainable Development and Tourism
T 303 B	Tourism Research Methods
T 303 C	Tourism and Human Resource Management
T 304	Tourism Skills and Opportunities
T 305 A	Tourism Industry in India

Semester – IV

T 403 C	Understanding and Event Management
T 403 D	Destination Planning and Marketing
T 405 A	Globalization and Tourism

Members Present :

1. Dr. M. Prayaga, Director : Member (Ex-Officio)
2. Dr. V. Ramesh Babu : Member
3. Dr. M. Padmaja : Member
4. Dr. G. Vijay Kumar Reddy : Chairman, BOS

G. V. K. Reddy

Chairman, Board of Studies

CHAIRMAN
BOARD OF STUDIES
Centre for Southeast Asian & Pacific Studies
S.M.M. College of Arts
Sri Venkateswara University
TIRUPATI-517 502, (A.P.) INDIA

SRI VENKATESWARA UNIVERSITY: TIRUPATI

SVU COLLEGE OF ARTS
CENTRE FOR SOUTHEAST ASIAN AND PACIFIC STUDIES

(Revised Scheme of Instruction and Examination, Syllabus etc., under CBCS Regulations -2016 is Amended as per NEP-2020)
(With effect from the batch admitted in the academic year 2021-22)

M.A. TOURISM (SF)

SEMESTER - I

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	T 101	Theoretical Concepts of Tourism	6	4	Core-Theory	20	80	100
2	T 102	Tourism Principles and Practices	6	4		20	80	100
3	T 103	**Travel and Tourism**	6	4		20	80	100
4	T 104	Art, Architecture and Tourism	6	4		20	80	100
5	T 105	A Historical Perspectives of Tourism B **Socio-Economic Dimensions of Tourism** C **International Tourism and UNESCO Sites in India**	6	4	CF	20	80	100
6	T 106	A **Tourism Products** B **Transport Management**	6	4	EF	20	80	100
Total			**36**	**24**		**120**	**480**	**600**
7	T 107	Human Values and Professional Ethics - I	**0**	**0**	Audit Course	**100**	**0**	**0**

- **All core papers are Mandatory**
- **Compulsory foundation – Choose any one**
- **Elective Foundation - Choose any one Paper**
- **Audit course – 100 Marks (Internal) – Zero Credit under self study**
- **** Interested student may register for MOOCS with the approval of DDC**

- **In tune with the NEP-2020 Five New Courses are introduced for the benefit of Students. They can avail choice in Core, Compulsory Foundation and Elective Foundation Courses.**

- **Choice courses will enhance their knowledge**

- **They evince interest in the Programme**

- **New courses are value added courses in the Programme**

SEMESTER – II

S. No	Code	Title of the Course		Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	T 201	Tourism and Geography		6	4	Core-Theory	20	80	100
2	T 202	**Cultural and Heritage Tourism**		6	4		20	80	100
3	T 203	**Rural and Urban Tourism**		6	4		20	80	100
4	T 204	**Ecotourism**		6	4		20	80	100
5	T 205	A	Health and Medical Tourism	6	4	CF	20	80	100
		B	**Virtual and E-tourism**						
		C	Airline ticketing and Information management						
6	T 206	A	Travel Agency and Tour Operations Management	6	4	EF	20	80	100
		B	**Tour Packages and Itinerary planning**						
Total				**36**	**24**		**120**	**480**	**600**
7	T 207	Human Values and Professional Ethics - II		**0**	**0**	Audit Course	**100**	**0**	**0**

- **All core papers are Mandatory**
- **Compulsory foundation – Choose any one**
- **Elective Foundation - Choose any one Paper**
- **Audit course – 100 Marks (Internal) – Zero Credit under self study**
- **** Interested student may register for MOOCS with the approval of DDC**

- **In tune with the NEP-2020 Five New Courses are introduced for the benefit of Students. Those papers come under Core, Compulsory Foundation and Elective Foundation Courses.**

- **Choice courses will enhance their knowledge**

- **Students evince interest and show ability in the Programme**

- **New courses are knowledge added courses in the Programme**

SEMESTER-III

S. No	Code	Title of the Course		Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	T 301	Tourism Management		6	4	Core-Theory	20	80	100
2	T 302	Emerging Trends in Tourism		6	4		20	80	100
3	T 303	A	**Environment, Sustainable Development and Tourism**	6	4	Generic Elective	20	80	100
		B	**Tourism Research Methods**						
		C	**Tourism and Human Resource Management**	6	4		20	80	100
		D	Conservation and Management in Tourism						
4	T 304	**Tourism Skills and Opportunities**		6	4	Skill Oriented	20	80	100
6	T 305	A	**Tourism Industry in India**	6	4	Open Elective	20	80	100
		B	Adventure Tourism						
Total				**36**	**24**		**120**	**480**	**600**

- **All core papers are Mandatory**
- **Generic Elective – Student has to choose any Two Paper**
- **Skill oriented Course is mandatory**
- **Open Elective are for the students of other Departments, Minimum one paper should be opted, extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study**
- **** Interested student may register for MOOCS with the approval of DDC**

- **In tune with the NEP-2020 Five New Courses are introduced for the benefit of Students. Those courses come under Core, Generic Elective, Skill Oriented and Open Elective Courses.**
- **Choice Courses will enhance their knowledge in similar areas**
- **Students evince interest and show inquisitiveness in the Programme**
- **New Courses are Skill Oriented and knowledge added courses in the Programme**

SEMESTER-IV

S. No	Code	Title of the Course		Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	T 401	Tourism Marketing		6	4	Core-Theory	20	80	100
2	T 402	Planning and Development of Tourism		6	4		20	80	100
3	T 403	A	Tourism Entrepreneurship	6	4	Generic Elective	20	80	100
		B	Tourism and Hospitality Management						
		C	**Understanding and Event Management**	6	4		20	80	100
		D	**Destination Planning and Marketing**						
4	T 404	Viva + Dissertation #		6	4	*MDC	20	80	100
6	T 405	A	**Globalization and Tourism**	6	4	Open Elective	20	80	100
		B	Tourism Economics						
Total				**36**	**24**		**120**	**480**	**600**

- **All core papers are Mandatory**
- **Generic Elective – Student has to choose any Two Paper**
- **Multidisciplinary Course/ Project work is Mandatory**
- **Open Elective are for the students of other Departments, Minimum one paper should be opted, extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study**
- **** Interested student may register for MOOCS with the approval of DDC**

- **In tune with the NEP-2020 Three New Courses are introduced for the benefit of Students. Those courses come under Generic Elective, Multi-disciplinary/ Project and Open Elective Courses.**

- **Choice Courses will enhance their knowledge in similar areas**

- **Students evince interest and show aptitude in the Programme**

- **New Courses are Multi-disciplinary/ Project and knowledge added courses in the Programme**

SEMESTER - I

T 101: THEORETICAL CONCEPTS OF TOURISM
Core Paper

UNIT-I **Tourism**: Definition, Meaning, Nature and Scope of Tourism – Tourism as an academic discipline – Interdisciplinary approaches to tourism -- Tourism Systems, Visitor, Traveller, and Excursionist – Relative differences

UNIT-II **Tourism Theories:** Leiper's Geo-Spatial Model - Mill-Morrison's Tourism Policy Model - Butler's Tourism Area Life Cycle (TALC) Model – Doxey's Index Model – Crompton's Push and Pull Theory

UNIT-III **Elements of Tourism**: Primary elements - Transport – Different types – Types of Accommodation – Catering – Tour destinations: Natural and historical – Entertainment - Ancillaries of Tourism

UNIT-IV **Economic impact of Tourism:** Income generator -- Employment provider, different type of jobs -- Multiplier of tourism – Infrastructure -- Foreign exchange - Trade and commerce of handicrafts, metal, wood and textiles.

UNIT-V **Growth of Tourism**: Tourism Promotion: Central and State Governments – Opportunities – Growth in Travellers' visits – Receipts – Subsidiary avenues

SUGGESTED READINGS

1. Bhatia A. K., *Tourism Development*, Sterling Publishers, New Delhi, 2007.
2. Bhatia A.K., *International Tourism Management*, Sterling Publishers, New Delhi, 2006.
3. Biswanath Ghosh, *Tourism and Travel Management*, Vikas Publishing House, New Delhi, 1998.
4. Seth, P. N., *Successful Tourism Management*, Sterling Publishers, NewDelhi,1987.
5. Seth, P.N and Sushma Seth Bhat, *An Introduction to Travel and Tourism*, Sterling Publishers Pvt. Ltd, New Delhi, 2006.
6. Mario D'Souza (ed), *Tourism Development and Management*, Mangal Deep Publications, Jaipur, 1998.
7. Michael M. Coltman, *Introduction to Travel and Tourism: An International Approach*, Wiley, London, 1989.
8. Punia, B.K., *Tourism Management: Problems and Prospects*, Ashish Publishing house, New Delhi, 1997.
9. Vanama, P. K., *Trends in Tourism*, Prabhu Publishers, Chennai, 2005

T 102: TOURISM PRINCIPLES AND PRACTICES
Core Paper

UNIT-I **An overview of Tourism:** Concept of Tourism: Nature - Scope - Characteristics – Typology of Tourism – Classification of Tourists - Tourism network - Interdisciplinary approaches to tourism - Emerging Areas and Practices.

UNIT-II **Forms of Tourism:** Inbound, Outbound, National, International- Alternative Tourism – Inclusive Tourism, Current Trends in Domestic and Global Tourism: Tourism Statistics and Analysis – Emerging areas in Tourism

UNIT-III **Tourism Practices:** 5 A's – Introduction, Attraction, Accessibility, Accommodation, Amenities, Activities; Motivations and deterrents for travel - Push and pull factors in Tourism - National and International Tourism - Impact of Technological Advancements on tourism.

UNIT-IV **Tourism Industr**y: Structure, Functions and Constituents - Direct, Indirect and Support Services -- Basic Components of Tourism: Transport – Accommodation -- Facilities & Amenities, Shopping, and Entertainment -- Horizontal and Vertical Integration in Tourism Business -- Present trends in Domestic and Global tourism – MNC's in Tourism Industry.

UNIT-V **Tourism Corporations:** Origin -- Institutional set up and functions of ITDC, ICPB, IATO, IRCTC, State Tourism Development Corporations -- Ministries of Tourism and Culture, Director General of Civil Aviation, Govt. of India

SUGGESTED READINGS

1. Page J. Stephen & Brunt Paul (2007), *Tourism- a Modern Synthesis*, Thomson London.
2. Chuck Y. Gee, James C. Makens & Dexter J. L. Choy (1989), *The Travel Industry*, VanNostrand Reinhold, New York.
3. Goeldner, C., & Ritchie, J.R. (2011), *Tourism, Principles, Practices, Philosophies*, New Jersey: John Wiley.
4. Swain, S.K. & Mishra, J.M. (2011). *Tourism Principles and Practices*. New Delhi: OUP.
5. Jamal, T., & Robinson, M. (Eds.). (2009), *The SAGE Handbook of Tourism Studies*, United Kingdom: Sage Publications.
6. Cooper, C. (2008). *Tourism Principles and Practice*. New Delhi: Prentice Hall.
7. Ray Youell (1998), *Tourism-An Introduction*, Addison Wesley Longman, Essex.
8. Burkart A.J., Medlik S. (1974), *Tourism- Past, Present and Future*, Heinemann, London.
9. Gupta, V.K., *Tourism in India*, Gyan Publishing House, Delhi

T 103: TRAVEL AND TOURISM
Core Paper

UNIT-I **Purpose of Tourism**: Leisure and Pleasure – Relaxation: Sun, Sea and Sand - - Touring, Sightseeing and Pilgrimage - Visiting Friends and Relatives- Business and Incentive Travel - Special Interest tours

UNIT–II M**odes of Transport**: Evolution and importance of Transportation- Early trade roots - Voyages and the Discovery of Sea routes - Role of Transportation in Tourism--Major Transport Systems: Rail, Road, Air and Water transport

UNIT–III **Tourism Regulations**: Inbound, Outbound and Intra-bound tourisms - Tour Regulations: Foreign Exchange Management Act - Special Permits, Custom regulations - Economic Regulations: Currency, Insurance and Foreign Travel Tax

UNIT–IV **Passport, Visa Processing:** Passport act in brief – Passport Types, Procedure, rules and regulations of eligibility - Visa: Types of Visa, Documents for obtaining Visa, Health Check Documents – Rules and Regulations for foreign travel

UNIT–V **Role of the Government**: Functions of the Ministry of Tourism - ITDC –- IRCTC - State Tourism Boards – District Tourism Boards - Campaigns: Incredible India – Atidi Devobava.

SUGGESTED READINGS:

1. Mandal, V.K. (2008), *Travel and Transport Agency*, Cyber Tech Publication, Ansari Road, Daryaganj, New Delhi
2. Negi. J. (1998): *Travel Agency & Tour Operation, Concept and Principles*, Kanishka Publishers, Distributors, New Delhi.
3. Agarwal, R.D. (2008), *Organization and Management*, Tate McGraw-Hill Publishing Co., New Delhi.
4. Foster, D. (1985), *Travel and Tourism Management*, Macmillan Press Ltd., London.
5. Kotaler, P, (2001), *Tourism and Hospitality Management*, Pearson Education, India.
6. Kotahri, Anurage OL(2011), *A Textbook of Tourism Management*, Wisdom Press, New Delhi.
7. Kumar, Akshay (1997), *Tourism Management*, Commonwealth Publishers, New Delhi.

T 104: ART, ARCHITECTURE AND TOURISM
Core Paper

UNIT-I **Architectural Heritage of India:** Indus valley – Salient features of Indian Architecture - Schools of Art: Gandhara, Mathura and Amaravthi - Relationship between Architecture and Tourism -- Role of Architecture in Tourism Industry.

UNIT-II **Buddhist Architecture**: Stupa - Chaitya – Vihara – Buddhist Sites: Sanchi, Saranath, Bodh Gaya, Ajantha, Ellora, Amaravathi and Nagarjuna Konda.

UNIT-III **Hindu Temple Architecture**: Nagara – Dravida – Vesara and Kalinga – Famous Temples - Khajuraho – Modhera - Mahabalipuram – Thanjavur – Hampi - Belur- Halebidu - Puri and Cuttack

UNIT-IV **Indo-Islamic Architecture**: Qutub Minar - Fatehpur Sikri – Taj Mahal - Red Fort – Bijapur - Bidar and Gulbarga - **Colonial Architecture**: Victoria Memorial - Fort St. George - Gateway of India.

UNIT-V **Historical monuments of touristic significance:** Forts and Palaces: Jaipur – Jodpur – Udaipur – Jhansi – Bandhavgar - Raigad – Golkonda – Vellore - Ginge – Penukonda – Chandragiri – Gooty - Palaces: Mysore Palace - Umaid Bhavan Palace Jodhpur- Hava Mahal, Jaipur- Lake Palace Udaipur.

SUGGESTED READINGS

1. Percy Brown, *Indian Architecture Buddhist and Hindu Architecture* - Volume I and II
2. C. V. Narayana Iyer, *Origin and History of Saivism*
3. T.V. Mahalingam, *Early Pandya Architecture*
4. K. A. N. Sastri, *A History of South India*, Oxford University Press, Chennai, 2000
5. T.V. Mahalingam, *Readings in South Indian History,* B.R, Publication, New Delhi, 2006.
6. Swamy Sadananda, *Origin and Early History of Saivism in South India*, University of Madras, Chennai, 1939.

T 105 (A) : HISTORICAL PERSPECTIVES OF TOURISM
Compulsory Foundation

UNIT-I **Development of Tourism Through Ages**: Historical Development of Tourism - Early and Medieval Periods - Renaissance and its Effects on Tourism - Birth of Mass Tourism - Modes of Transport - Modern Transport, Communication and Accommodation Systems

UNIT–II **Tourism in India** - Trends of Tourism Development: Gender, Age and Nations -- Seasonal Trend of Tourist Arrivals, Trend of Tourists Length of Stay - Functions of Tourism

UNIT–III **Tourism Industry & Its Linkages**: Meaning and Nature of Tourism Industry -- Basic Components of Tourism -- Input and Output of Tourism Industry -- Tourism Industry Network -- Direct, Indirect and Support Services : Transport-- Accommodation -- Facilities & Amenities

UNIT–IV **Tourism Business during Liberalization & Globalization:** Tourist administration - Tourist Publicity section - Tourist Information Centers: International and National - Tourist Development councils - Department of Tourism at National and State levels - Positive and Negative Impacts of Tourism

UNIT-V **Tourism Organizations**: Roles and Functions of United Nations World Tourism Organization (WTO), Pacific Asia Travel Association (PATA), World Tourism & Travel Council (WTTC) - International Hotel Association (IHA), Ministry of Tourism, Govt. of India, India Tourism Development Corporation (ITDC) and Andhra Pradesh Tourism Development Corporation (APTDC).

SUGGESTED READINGS

1. Swain, S.K. & Mishra, J.M.(2012). *Tourism Principles & Practices*, Oxford University Press, New Delhi.
2. Bhatia A.K. (2002), *International Tourism Management*, Sterling Publishers, New Delhi.
3. Gee, Chuck Y., James C. Makens,, and Dexter J.L. Choy. (1997). *The Travel Industry*, Van Nostrand Reinhold, New York.
4. Youell, R. (1998), *Tourism-An Introduction*. Addison Wesley Longman, Essex.
5. Michael M. Coltman (1989), *Introduction to Travel and Tourism- An International Approach*. Van Nostrand Reinhold, New York.
6. Roday. S, Biwal. A & Joshi. V. (2009), *Tourism Operations and Management*, Oxford University Press, New Delhi.

T 105 (B): SOCIO-ECONOMIC DIMENSIONS OF TOURISM
Compulsory Foundation

UNIT–I **Introduction:** Meaning, definition and scope of social dimensions, community development -- Place and role of tourism -- Tourism in the national economy - interdependence of tourism and economic development.

UNIT–II **Globalisation and the world economy**: Liberalisation – Opening of economies – Globalisation -- Enhanced Connectivity: Road, Rail and Air -- Tourism demand and forecasting -- Economic benefits -- Cross cultural exchange, creating employment opportunity - Conservation of historic sites and improvement of infrastructures -- TFCI

UNIT–III **Importance of Economy:** Economic and Social development -- Economic functions of tourism - Employment, Improvement of foreign exchange reserves -- Economic development of underdeveloped areas – Upliftment and integration of local communities

UNIT–IV **Economic Impacts of Tourism**: Types of economic impact: Positive Impact: Improved tax revenue and Personal income, Increased standards of living and Employment opportunities, and Negative impacts – Role of Tourism Councils: World Travel and Tourism Council (WTTC) – Tourism Satellite Account (TSA)

UNIT–V **Social Impact of Tourism**: Commodification of Culture - Demonstration effects - Local communities – Case studies - Defining Social sustainability – Interactions between people with different cultural backgrounds, attitudes and behaviors - Contribution of Community events to social sustainability – Community Participation - Ethics and social responsibility of Tourist -- Development: Community awareness and Participants contribution

SUGGESTED READINGS

1. James Leigh, Craig Webster, Stanislav Ivanov (eds.), *Future Tourism: Political, Social and Economic Challenges*, (Rutledge, London, 2013).
2. K. Sharma, *Tourism and Economic Development*, (Sarup & Sons, New Delhi, 2004).
3. Amedeo Fossati, Giorgio Panella (eds.), *Tourism and Sustainable Economic Development*, (Springer, New York, 2000).
4. Clement Allan Tisdell, Kartik Chandra Roy, *Tourism and Development: Economic, Social, Political and Environmental Issues*, (Nova Science, 1998).
5. K.K. Sharma, *Tourism and Regional Development*, (Sarup & Sons, Delhi, 2004).
6. S.B. Agarwarl, *Tourism for Sustainable Economic Development*, (SSS Publications, Delhi, 2003).

T 105(C): INTERNATIONAL TOURISM AND UNESCO SITES IN INDIA
Compulsory Foundation

UNIT-I **International Tourism:** Meaning, Definition and Types -- Global Tourism Trends, Tourist Arrivals, Tourism Receipts and GDP shares in leading Countries -- India in International Tourism -- Factors Contributing for the growth of Global Tourism -- Motivations, Growing purchasing power and modern transport systems

UNIT-II **Diversification of Tourism** -- New Global Emerging Tourism Destinations -- Changing Dimensions of Tourism Products -- International Tourists -- Factors affecting Global and Regional tourist movements

UNIT-III **UNESCO World Heritage Programmme** -- The natural heritage features, geological and physiographical formations – Classification through several cases -- India's major International attractions – Promotion Characteristics of different States

UNIT-IV **UNESCO World Heritage sites in India:** Cultural, Natural, Mixed -- Agra Fort - Ajanta Caves - Buddhist Monuments - Churches and Convents of Goa -- Dholavira: a Harappan City -- Elephanta Caves -- Ellora Caves -- Jaipur City - Group of Monuments at Hampi, Mahabalipuram and Pattadakal.

UNIT-V **Natural sites** – Kaziranga National Park - Keoladeo National Park - Manas Wildlife Sanctuary - Nanda Devi and Valley of Flowers - National Parks Sundarbans National Park

SUGGESTED READINGS

1. Reisinger Y, *International Tourism – Cultures and Behaviour*, Butterworth-Heinemann, 2009.Oxford, UK.

2. William F. Theobald, W.F., *Global Tourism*, Elsevier Science, London, 2013.
   Cochrane, J., *Asian Tourism Growth and Change*, Elsevier, London, 2008.

3. UN World Tourism Organization, *Performance Indicators for Tourism Destinations in Asia and the Pacific Region*, Business & Economics 2002.

4. Vellas François, International Tourism: An Economic Perspectives. St. Martin's Press, 1995.

5. WTO, *International Tourism: A Global Perspective*, 1997.

6. Charlotte Sullivan, *International Tourism: Planning and Development*, Willford Press, 2015.

7. Bhatia A.K, *International Tourism Management*, Sterling Publishers, New Delhi, 2019.

8. Shikha Jain, *India: UNESCO World Heritage Sites*, Hirmer Verlag, New Delhi, 2021.

T 106 (A) : TOURISM PRODUCTS
Elective Foundation

UNIT–I **Tourism Products**: Definition, Characteristics and Elements -- Tangible and Intangible - Classifications - Natural, Cultural, Religious, Man-made resources – Attractions, Facilities, Services and activities; Seasonality and Diversities - Indigenous and Colonial

UNIT–II **Purchasing of Tourism Products**: - Tourism Product Life Cycle – Purchasing tourism products – Heterogeneous Products -- Unique places for variety and novelty – Go to the service is being produced – Learn about the different lifestyles – Viewing wildlife and wilderness – Outdoor visits with family and friends – Photograph in natural settings

UNIT–III **Tourism Oriented Products** (**TOP**)**:** Accommodations - Hotels and Resorts - - Taj, ITC and Chain of Hotels; Surface Transportation – Public services, Own, Private taxis, luxury buses and boats – Trains -- Luxury coaches -- Air transport – Charter flights

UNIT–IV **Tourism Intangible Products**: Travel Agents, Tour Operators - Bookings of accommodations at various sites, Shifting of luggage from one place to another – Tourism information Centres - Entertainment and Shopping malls – Food Beverages.

UNIT–V **Diversify Tourism Products:** Created Tourist Destinations: Academic, Scientific and Industrial institutions - Tourism development strategies -- Market India - Special Interest Tourism Products (SITP) - Developing SITP -- Understanding Market -- Analysing Potential - SITP Attractions – Cultural Roots and Nature Oriented: Farm tourism, Bird watching, Dark tourism, and Adventure Tourism.

SUGGESTED READINGS

1. Bull, A. *The Economics of Travel and Tourism*, Longman: UK, 2002
2. Jagmohan Negi, *Travel Agency & Tour Operations*, New Delhi 2008
3. Bezbaruah, M.P. *Indian Tourism beyond the Millennium*, Gyan Publication, New Delhi, 1999.
4. Manoj Dixit, *Tourism products*, New Royal Book Co., Lucknow, 2005
5. Norman Douglas. Ed., *Special Interest Tourism*, John Wiley & Sons, Australia, 1998
6. Robinet Jacob, *Indian Tourism Products*, Abhijeet Publications, Delhi, 2012.

T 106 (B) : TRANSPORT MANAGEMENT
Elective Foundation

UNIT–I **Transport Systems:** Concept of Transport -- Linkages between Transport and Tourism – Characteristics of Transport -- Role of Transport in Tourism -- Various transport systems: Road, Rail, Water and Air Transport -- Advantages of Motor Transport.

UNIT–II **Transport Management**: Work Patterns in Tourist Transport Business: Patience, Management, Mechanical and Technical awareness -- Rules and Regulations: Economic and Infrastructural regulations - Awareness of the destination sites – Customer care.

UNIT–III **Geography of transport systems:** Transportation and Physical environment Transport Networks – Terminals – Urban Transport – Rural Transport — Mechanised transport systems used in different environments – Deserts - Hilly terrains – Snow clad mountains – Under water

UNIT–IV **Setting up of Tourist Transport Business:** Entrepreneurial Qualities -- Forecasting Tourist Demand, Preparation of Business Plan - Considerations for Setting Up of Tourist Transport Business -- Infrastructure: Vehicles, Well-equipped Office, Trained Manpower, Parking and Garage, Maintenance Facilities, Communication Facilities and Selling Network.

UNIT–V **Motor Vehicle Act:** Motor Vehicles Act, 1988 - Registration of Vehicles- The Central Motor Vehicles Rules-Driving License -- Tourist Transport Permits: Local and National Permits -- Insurance of Motor Vehicles Rent-a-Cab Scheme- The Motor Vehicles Rules, 1993: Traffic signs, Fitness certificate - Offences Penalties and Procedure.

SUGGESTED READINGS

1. *Government Motor Vehicle Act*, Eastern Book Company, Lucknow, 1989
2. John Duke, *Fleet Management*, McGraw-Hill Co, New York,1984.
3. Kitchin.L.D., *Bus Operation*, Illiffee and Sons Co., London, III edition, 1992
4. Cook, R.A; Marqua, J&Yale, L.J., *Tourism: The Business of Travel*. New York: Pearson Education, 2006.
5. Fontgalland, B.De, *The World Railway System*. New York: Cambridge University Press, 2010.
6. Pender,L., *Travel Trade and Transport*, Coninnum, New York 2001.

T 107: HUMAN VALUES AND PROFESSIONAL ETHICS – I
Audit Course

Objectives:

- The ethos of Indian culture has been value-oriented throughout the ages.
- The rich literary heritage of India is a treasure of values and ethics to be acquired, pursued and imparted to the future generations of the present day.
- An enquiry into varying dimensions of human values may lead to furtherance of our knowledge and to ethical values suited for the modern world.

UNIT- I:
Definition and Nature of Ethics- Its relation to Religion, Politics, Business, Legal, Medical and Environment. Need and Importance of Professional Ethics - Goals - Ethical Values in various Professions.

UNIT-II:
Nature of Values- Good and Bad, Ends and Means, Actual and potential Values, Objective and Subjective Values, Analysis of basic moral concepts- right, ought, duty, obligation, justice, responsibility and freedom. Good behavior and respect for elders, Character and Conduct.

UNIT-III:
Ahimsa (Non- Violence), Satya (Truth), Brahmacharya (Celibacy), Asteya (Non-possession) and Aparigraha (Non- stealing). Purusharthas (Cardinal virtues) - Dharma (Righteousness), Artha (Wealth), Kama (Fulfillment Bodily Desires). Moksha (Liberation).

UNIT-IV:
Bhagavad Gita- (a) Niskama karma. (b) Buddhism- The Four Noble Truths – AryaAstangamarga, (c) Jainism- mahavratas and anuvratas. Values Embedded in Various Religions, Religious Tolerance, Gandhian Ethics.

UNIT -V:
Crime and Theories of punishment- (a) Reformative, Retributive and Deterrent. (b) Views on manu and Yajnavalkya.

Course Outcome:

- Students can understand the need and importance of human values and professional ethics which are essential for positive human behavior and actions in our daily lives.
- They inspire the fundamental goodness of human beings and society at large.

Suggested Readings:

John S Mackenjie: *A manual of ethics*.

Larue Tone Hosmer, Richard D., *The Ethics of Management*.

Joseph A. Petrick and John F. Quinn, *Management Ethics' integrity at work,* Response Books: New Delhi.

S.A. Sherlekar, *Ethics in Management*, Himalaya Publishing House.

Harold H. Titus, *Ethics for Today*

Maitra, S.K, *Hindu Ethics*

William Lilly, *Introduction to Ethics*

Sinha, *A Manual of Ethics*

SEMESTER – II

T 201: TOURISM AND GEOGRAPHY
Core Paper

UNIT-I Introduction to Tourism Geography: Meaning and Definition of Tourism Geography; Nature and Scope; Importance of Tourism Geography; Tourism a Multidisciplinary Subject – Physical Geography, Economic Geography, Cultural Geography and Historical Geography; Recent Trends in Tourism Geography

UNIT–II Factors Affecting Tourism: Physical Factors – Relief (Mountains, Rivers, Deserts, Plains and Islands), Climatic Zones; Temperate Zones and Vegetation; Important Geographical Locations of Tourism: Hill stations, Sea Beaches, Sanctuaries and National Parks, Lakes, Waterfalls and Snow fields

UNIT-III Maps and Map Reading**:** Meaning and Definition of Maps; Maps and Globes – Distinction between Maps and Globes; Types of Maps – General Maps, Thematic Maps, Tourism Maps and Topographic Maps; Latitude and Longitude, GMT, Equator, Tropic of Cancer and Tropic of Capricorn, International Date Line.

UNIT-IV Meaning and Definition of Oceanography; Growing Significance of Maritime Tourism; Case Studies – Maldives, Singapore and Caribbean Islands; Blue Economy and Tourism.

UNIT-V Geography and Travel, Important Tourist Attractions: South Asia, Southeast Asia, East Asia, West Asia, Americas, Europe and Africa

SUGGESTED READING

1. Alan, A. Law, *World Geography of Travel and Tourism: A Regional Approach*, Butterworth, London, 2004.
2. Boniface, B & Chris Cooper, *World Wide Destinations: The Geography of Travel and Tourism*, 2009.
3. Burton, R., *The Geography of Travel and Tourism Guide to Places of the World*, Reader's Digest, 2008.
4. Hudman, L & Richard Jackson, *Geography of Travel and Tourism*, Thomson, 2003.
5. Husain, M., *World Geography*, Rawat publications, New Delhi, 2011.
6. Stephen Williams, Tourism Geography, Routledge, London, 1998.
7. Sinha, P. C., *Tourism Geography*, Anmol Publications, New Delhi, 2000.
8. Lloyd E, Hudman, Richard, *Geography of Travel and Tourism*, Thomson Learning, USA, 2003

T 202: CULTURAL AND HERITAGE TOURISM
Core Paper

UNIT-I **Glimpses of Indian History**- Brief Understanding of Indian History - Cultural Heritage with special references of Ancient period: Mouryas, Gupta dynasties – Medieval Delhi Sultanate and Mughals; and Modern India: Europeans

UNIT-II **Indian Culture**: Definition of culture - General Features of Indian Culture -- Components and Evolution -- Structure of Indian Society -- Faiths and Practices: Unity in Diversity, Religious Tolerance - Chief Indian Religions: Hinduism, Buddhism, Jainism, Christianity, Islam, Sikhism -- Folk & tribal culture – Scope of Cultural tourism in India: Khumba Mela and other important festivals -- Religious Centers – Shrines, Pilgrimages – Centers of Yoga and Meditation – Tribal culture

UNIT–III **Indian Architecture:** Indian Art and Sculptures, Archaeological sites – Monuments – Ancient Temples of India – Forts - Palaces and Museums – Buddhist heritage sites of India, Islamic Art & Architecture

UNIT–IV **Colonial Heritage:** Colonial powers: British, French, Dutch & Portuguese -- Influence of Colonial Powers on Indian Society and Culture: Churches -- Synagogues architecture in India – Special reference to Goa and Pondicherry -- Multipurpose Projects

UNIT-V **Cultural Diversities of India**: Indian Music and Dance, Musical Instruments – Languages – Dress and Indian Handicrafts: Cane Work – Pottery – Terra-cotta – Carpets – Textiles and Costumes – Kalamkari -- Brass – Silver – Stone cutting – Sculpture — Ornaments – Different Theatrical forms -- Indian Cinema -- Role in Tourism Development - Indian Cuisines.

SUGGESTED READINGS

1. Basham, A.L. *The Wonder That Was India*. Rupa& Co. New Delhi, 2004.
2. Thapar, Romila, *A History of India:* Volume 1. Penguin Book, New Delhi, 1990.
3. Basham, A.L., *A Cultural History of India*. Oxford University Press, USA, 1997.
4. Singh, Upinder, *A History Of Ancient and Early Medieval India: From The Stone Age to the12th Century*, Pearson Education India, New Delhi.
5. Chandra, B., *History of Modern India*. Orient Blackswan, New Delhi, 2009.
6. Brown, P., *Indian Architecture (Buddhist and Hindu Period*), Tobey Press, New York, 2013.
7. Brown, P , *Indian Architecture (the Islamic Period),* Palmer Press, New York, 2010.
8. Allchin, B., Allchin, F.R. et al., *Conservation of Indian Heritage*, Cosmo Publishers, New Delhi, 1989.
9. New Inskeep, Edward, *Tourism Planning: An Integrated and Sustainable Development Approach*, VNR, New York, 1991.
10. V.K. Semph, *Historical and Cultural Tourism in India*, Andi Publications 2008.

T 203: RURAL AND URBAN TOURISM
Core Paper

UNIT–I **Rural Tourism:** Concept, Meaning, and Definition - Rural Tourism Resources - Village as primary resource – Showcasing rural life – Art - Culture and Heritage

UNIT-II **Benefits of Rural Tourism:** Holistic benefit on Rural Community – Society and culture: Revive and Preserve Local Tradition, Craft, Traditional festivals and Unique Practices – Economic benefits for Artisans and Local Community – Development of Infrastructure and sustainable development

UNIT-III **Rural Tourism Promotion:** Feasibility and Execution – Infrastructure - Marketing and Financial Assistance Requisites - Intervention of Professional Agencies – Linkages for development of Rural tourism

UNIT-IV **Case Studies**: Hodka, Gujarath – Mawynnog, Meghalaya – Pipli, Odisha – Samode, Rajastan – Naggar, Himacal Pradesh – Munsiyari, Uttarakhand-- Karaikudi, Tamil Nadu – Madhavamala, Andhra Pradesh

UNIT-V **Urban Tourism:** Concept – Definition -- History and growth – City as a tourism product -- Analyzing the City's Tourism potential – Heritage, Culture, Unique Architecture, Art galleries, Emporiums and Theme Parks – Infrastructure: Express ways, Metro networks and Smart cities.

SUGGESTED READINGS

1. Sivasankar Reddy, P., *Rural Tourism and Promotion of Handicrafts in India*, Kanishka Publishers, New Delhi, 2012.
2. Lesley Roberts, Derek Hall, *New Directions in Rural Tourism*, Rutledge, London, 2017
3. Bernard Lene & Elesabeath, Eds., *Rural Tourism : New Concept, Research and Practice*, Rutledge, London, 2018
4. Bonita M. Kolb., *Tourism Marketing for Cities and Towns*, Butterworth – Heinemann, Oxford, 2006

T 204: ECOTOURISM
Core Paper

UNIT-I **Ecotourism**: Concepts and Definitions - Evolution and Characteristics of Ecotourism - Components of Ecosystem - Environment - Biomes - Major biomes of the world and biomes of India - Biodiversity and ecological balance - Watching most pristine form of Mother Nature

UNIT-II **Ecotourism in India**: Travellers to spend much time in nature - Ecosystem more sustainable and supportive to native culture - Preservation of wildlife and animal's natural habitat - Activities in Ecotourism: Trekking and cycling, Nature study and Bird watching, Village homestay – Famous Ecotourism destinations in India: Munnar, Thenmala, Thodupuzha, Eravikulam National Park, Periyar National Park, Coorg, Nagarhole National Park, Bandipur National Park, Galgibaga Beach, Tyda, Maredumilli and Chilika

UNIT-III **Environmental Conservation:** Impact of Tourism on environment - Environmental degradation - Environmental movements - Environment management - Principles and Practices - Ecotourism as a tool for Conservation - Ecotourism and natural resource management

UNIT-IV **Tourism Legislations and Ecotourism Guidelines:** Legislations and guidelines of Ecotourism at National and State level - Major environmental acts and regulations - Tourism bill of rights and code for environment and responsible tourism - World Ecotourism Summit – Global Concerns - Environmental Planning - UN Initiatives on Ecology and Environment - UNWTO – UNDP – WWF

UNIT-V **Threats and obstacles to Ecotourism**: Urbanisation - Transportation - Expansion of permanent structures - Land taken out of primary production - Trampling of vegetation and soils - Disturbance and destruction of species

Suggested Readings

1. Ratandeep Singh, *Indian Ecotourism*, 1990.
2. Jaime A, Seba, *Ecotourism and Sustainable Tourism*, 2012.
3. Anil Sharma, *Wildlife Tourism in India*, 2015.
4. Aradhana Salpekar, *Indian Tourism, Wildlife Tourism and Ecotourism*, 2009.
5. Bhatt, *Ecotourism development in India, communities, capital and conservation*, 2008.

T 205(A): HEALTH AND MEDICAL TOURISM
Compulsory Foundation

UNIT–I **Introduction to Health Tourism**: Significance, Origin and development over ages: Ancient centres of healing - Health as a motivator to travel -- Health: Concept, Definitions and Importance of health to People, Business and Government.

UNIT-II **Medical Tourism**: Genesis and growth of Medical Tourism - benefits of medical tourism, Factors responsible for growth of health and medical tourism -- Medical Tourism Business - Global medical tourism scenario, Stakeholders, countries promoting medical tourism – Health and Medical Tourism markets at global level.

UNIT–III **Medical Tourism as Industry:** Medical Tourism Destinations – Types and flow of Medical Tourists- Factors Influencing Choice of Medical Tourism Destinations.

UNIT–IV **Medical Tourism in India**: Strategy formulation to attract and retain National and Global Medical Tourists – Indian Medical Services – Traditional and Non-traditional – Pricing of Medical Services - Centres/Destinations, Current and futuristic trends, Potentials, Issues and Challenges – Role of Government – Private Sector – Voluntary Agencies in Promotion of Medical Tourism.

UNIT–V **Medical Tour Operations**: Tour operations and post-tour management, Health Insurance, Claiming Health Insurance – Certification and Accreditation in medical tourism – legal, economic and environmental issues - National Accreditation Board for Hospitals & Healthcare (NABH) and Joint Commission International (JCI).

SUGGESTED READINGS

1. Gupta, Ambuj & Sharma, Vinay, *Medical Tourism: On the Growth Track in India.*
2. Michael D. et.al., *Medical Tourism – Health Care in The Global Economy (Trends),* American College of Physician Executive, 2007.
3. Milica Z.,et. Al., *Medical Tourism in Developing Countries*, Palgrave Macmillan, 2007.
4. *Opportunities in Medical Tourism in India*, RNCOS E-Services Pvt. Ltd, 2007
5. Raj Pruthi., *Medical Tourism in India*, Arise Publishers & Distributors, 2006.
6. Todd, Maria, *Handbook of Medical Tourism Programme Development ASSOCHM, Health Tourism: The Great Indian Advantage,*2001.
7. Todd, Maria, *Medical Tourism Facilitator's Handbook,* 2007.
8. Watson, Stephanie & Stolley, Kathy S., *Medical Tourism: A Reference Hand book*, 2002.
9. Raj Pruthi (2006), Medical Tourism in India, New Delhi: Arise Pub.

T 205 (B) : VIRTUAL AND E-TOURISM

UNIT-I **Introduction to E-tourism:** Historical Development – Digitalisation of Tourism and infrastructure - New technologies - Role of Information Technology in tourism – ICT in Travel related services - Strategic, Tactical and operational use of IT in Tourism.

UNIT-II **Online Consumer Behaviour:** Consumer selection on Tour packages – User - Generated Content (UGC) - Online reviews and reputation management - Value of online customers - Sentiment analysis for decision-making.

UNIT-III **Social Media and E-tourism:** Social Media Campaign for Tourism – Face book, Twitter, YouTube, Whatsapp – Travel Blogs – Rising importance of Virtual Tourism: Live visits – New experiences – Visit of important sites, cultural and natural through virtual

UNIT-IV **Payment Systems in E-tourism** - Payment Gateway – Billing and Settlement Plan (BSP) – Security Issues and Certification – Future of E-tourism – E-marketing and promotion of Tourism Products – Challenges for Conventional business models and Competitive strategies.

UNIT-V **Digital Marketing Analytics:** Tools, Technology and Data Integration – Process for Products & Services – Online Segmentation – Targeting – Positioning – Inbound Vs Outbound Marketing – Uses of Search Engines in Tourism advertising

SUGGESTED READINGS

1. Buhalis D. (2004), *Etourism: Information Technology For Strategic Tourism Management*, Prentice Hall India.

2. Poon A. (1998), *Tourism, Technology And Competitive Strategies*, Cabi.

3. Bones, C., & Hammersley, J. (2015). *Leading Digital Strategy: Driving Business Growth through Effective E-commerce*. Kogan Page Limited.

4. Chaffey, D. (2014). *Digital Business and E-Commerce Management*, (Pearson Education Limited, New Delhi).

5. HBR. (2014). *Leading Digital: Turning Technology into Business Transformation*, Harvard Business Review Press, London).

6. Rayport J.F. & Jaworski B.J. (2002), *Introduction To Ecommerce, McGraw- Hill*.

7. Morabito, V. (2016). *Trends and Challenges in Digital Business Innovation*, Springer Publications, London.

8. Rogers, D.L. (2016). *The Digital Transformation Playbook – Rethink Your Business for the Digital Age*, Columbia Business School Publishing, Columbia.

T 205 (C): AIRLINE TICKETING AND INFORMATION MANAGEMENT
Compulsory Foundation

UNIT-I **Introduction** - Increasing role of Air transport in Tourism - Information Technology to enhance air travel experience - New airline business models gaining strength - Fast expansion of air transport infrastructure - Airports: A destination for travelers – Electronic distribution – Disintermediation – Reintermediation

UNIT-II **Airport Operations:** Tourism and importance of Airlines - Significance of an airport - Structure of an airport – Airside –Terminal - Land Side (Ground side) - Functions and operations in an Airport - Ground handling - Passenger handling - Departure area - Arrival procedures - Safety and Security Issues.

UNIT–III **Air Travel Policies**: Passenger Care -- Passenger Capacity and Seating – Food Beverages Service – Air policies – Reservation Policies Towards Children – Disabled Passengers – Standard of Travel, Cancellation and Delays – Baggage Allowance – Weight Concept – Pet Transport Policy – Special Meals – Class of Service

UNIT-IV **Tour operation and Ticket Reservations** -- Guidelines for International Tariff Rules – Basic Elements of Airfare – Fare Basis – Minimum stay – Validity Dates – Horizontal and Vertical Fare Structures – Special Air Fares – Mileage System – Round Trip Calculation – Back Haul One Day Tours – Mixed Class Travel Fare – Class Differential – Re-issuance – Refunds – Agency Commission – Machine and manual Ticketing -- Fill of Flight Coupons – Air Cargo Rules – Alterations —Stop over Indicators – Minimum Connecting Times

UNIT-V Introduction: IATA – Aims and objectives – International Aviation Organization - IATA Traffic Conference – Areas – Their Codes –International Time Calculation International Dateline – Standard Time – Local Time – International Civil Aviation Organization (ICAO)

SUGGESTED READINGS

1. Bhatia, A. K., *Tourism Development: Principles and Practices*, Sterling Publishers Pvt. Ltd., New Delhi, 1982.

2. Seth,PranNath, *Successful Tourism Management*, Sterling Publishers Pvt. Ltd., New Delhi, 1998.

3. Sing, L.K., *Foreign Exchange Management and Airline Ticketing*, ISHA Books, Delhi, 2008.

4. Diederiks, H. *An Introduction to Air Law*, Kluwer Law International, Netherlands, 2006

5. Pablo Mendes De Leon (Ed.), *Air Transport Law and Policy in the 1990s*, MartinusNijhoff Publishers, London, 1991.

6. Epstein, A Gerald, *Capital Flight and Capital Controls in Developing Countries: An Introduction*, Edward Elgar Publishing Ltd, UK, 2005.

7. Bhatia, A.K., *International Tourism Management*, Sterling Publishers Private Ltd, New Delhi, 2001.

T 206 (A): TRAVEL AGENCY AND TOUR OPERATIONS MANAGEMENT
Elective Foundation

UNIT–I Travel Agency: History and Growth – Emergence of Thomas Cook and American Express –Types of Travel Agency and Tour Operation Wholesale and Retail Travel Agency - Setting up of a Travel Agency – Linkages with different Transport Systems

UNIT-II Functions of a Travel Agency: Tour Operations Planning – Domestic and international – Types of Tours: Independent Tour, Escorted Tour, Hosted Tour, Incentivized Tour - Tour Wholesalers and Retailers - Diversified Role of Tour Operators -Tour Formulation and Design Process – Group Tour Planning

UNIT-III Tour Packages: Meaning - Types and forms of Tour Packages – Tariffs – Vouchers – Hotel and Airline Exchange Order –Merits and Demerits of Package Tours – Special Tour Packages

UNIT-IV **Setting up of a Travel Agency:** Essential Requirements for Starting Travel Agency & Tour Operation Business - Cost Management - Procedures for Obtaining Recognition - Travel Agency Organization Structure - Sources of Revenue - Threats in Travel Agency Business.

UNIT-V **Programme Preparations**: Sample Tours – General and Personalized Itinerary -- Domestic and International – Preparation of common interest - Tour Itinerary and costing – Tour Regulations – Preparation models of Thomas Cook, Cox & Kings and SITA Travels

SUGGESTED READINGS

1. Bhatia A.K., The Business of Travel Agency and Tour Operations Management, Sterling Publishers, New Delhi, 2012.
2. Chand, M., *Management of Travel Agency and Tour Operation*, Anmol Publications, New Delhi, 2002.
3. Holloway, J. C., *The Business of Tourism,* Macdonald & Evans, London, 1982.
4. Negi, J. M. S., *Travel Agency Operation, Concepts and Principles*, Kanishka, New Delhi, 2005.
5. Negi, J., *Tourist Guide and Tour Operation: Planning and Organization*, Kanishka, New Delhi, 2005.
6. Singh, L.K., Management of Travel Agency, Anmol Publications, New Delhi, 2009.
7. Victor, T. C., *Marketing and Selling of Airline Products*, London, 2004.

T 206 (B): TOUR PACKAGES AND ITINERARY PLANNING
Elective Foundation

UNIT–I **Tour Packages:** Meaning – Types - Components and significance of tour packages - Destinations and tour companies - Public and Private Tourism organizations - Promotion of tour packages.

UNIT–II **Tour Formulation** – Influencing factors - Stages in tour formulation – Primary research (destination and market) - Brochure designing, Printing and distribution - Product Oriented Package tour: Health tourism, Yoga, Meditation and Nature Cure – Beach holidays - Pilgrim Tours - Different Packages: Desert Safaris, Mountaineering, Skiing, White Water Rafting, and Scuba Diving, Golf Tours, Theme tours and Cruise

UNIT–III **Defining the tour cost** - Components of tour cost – Fixed and variable costs – Direct and indirect tour costs - Factors affecting tour costs - Tour cost sheet – meaning and significance - Costing procedure for independent foreign tours (FITs) group inclusive tours and conference and convention packages - Calculation of tour pricing, pricing strategies - Accommodation Cost - Transportation Cost – Dining Plans

UNIT–IV **Itinerary Preparation**: Concept – Typology - Duration, Custom made itinerary and Readymade itinerary - Basic factors in Itinerary preparation

UNIT–V **Different Itinerary Plans** – Seasonal itinerary - Product based itinerary – All inclusive Itinerary – Do's and don'ts of itinerary preparation - Limitations and Constraints

SUGGESTED READINGS:

1. J.M.S, Negi, *Tourism and Travel -Concepts and Principles*, Gitanjali Publishing House, New Delhi, 1990.

2. P.N. Seth, *Successful Tourism Planning and Management*, Cross Section Publications, 2001.

3. D.L. Foster, *The Business of Travel Agency Operations & Administration*, Mc Graw Hill, Singapore, 1990.

4. J.M.S, Negi, *Travel Agency and Tour Operation*,(Kanishka Publishing House, New Delhi, 2020).

5. Mohinder Chand, *Travel Agency Management*, (Anmol Publications, Delhi,2007).

T 207: HUMAN VALUES AND PROFESSIONAL ETHICS – II
Audit Course

Objectives:

- The ethos of Indian culture has been value-oriented throughout the ages.
- The rich literary heritage of India is a treasure of values and ethics to be acquired, pursued and imparted to the future generations of the present day.
- An enquiry into varying dimensions of human values may lead to furtherance of our knowledge and to ethical values suited for the modern world.

UNIT I

Value Education- Definition - relevance to present day - Concept of Human Values - self introspection – Self-esteem - Family values-Components, structure and responsibilities of family Neutralization of anger - Adjustability - Threats of family life - Status of women in family and society - Caring for needy and elderly - Time allotment for sharing ideas and concerns.

UNIT II

Medical ethics- Views of Charaka, Sushruta and Hippocratus on moral responsibility of medical practitioners. Code of ethics for medical and healthcare professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients. Social justice in health care, human cloning, problems of abortion. Ethical issues in genetic engineering and Ethical issues raised by new biological technology or knowledge.

UNIT III

Business ethics- Ethical standards of business-Immoral and illegal practices and their solutions. Characteristics of ethical problems in management, ethical theories, causes of unethical behavior, ethical abuses and work ethics.

UNIT IV

Environmental ethics- Ethical theory, man and nature- Ecological crisis, Pest control, Pollution and waste, CI imate change, Energy and population, Justice and environmental health.

UNIT V

Social ethics- Organ trade. Human trafficking. Human rights violation and social disparities, Feminist ethics. Surrogacy/pregnancy. Ethics of media- Impact of Newspapers, Television, Movies and Internet.

Course Outcome:

- Students can understand the need and importance of human values and professional ethics which are essential for positive human behavior and actions in our daily lives.
- They inspire the fundamental goodness of human beings and society at large.

SUGGESTED READINGS:

1. John S Mackenjie, *A manual of ethics*.
1. Larue Tone Hosmer, Richard D., *The Ethics of Management*, Irwin Inc.
2. Joseph A. Petrick and John F. Quinn., *Management Ethics' integrity at work*, Response Books: New Delhi.
3. S.A. Sherlekar, *Ethics in Management*, Himalaya Publishing House.
4. Harold H. Titus, *Ethics for Today*.
5. Maitra, S.K, *Hindu Ethics*.
6. William Lilly, *Introduction to Ethics*.

SEMESTER III

T 301: TOURISM MANAGEMENT
Core Paper

UNIT-I **Concept of Management** – Concept, Nature, Process and Significance of Management – Nature and Levels of Management in Tourism Industry – Functions of Management –Skills and Responsibilities of a Manager – Components of Tourism – Accommodation – Accessibility – Attractions (3A's) – Management of Environment.

UNIT–II **Management Skills**: Interpersonal – Informational – Decision Making Roles – Planning skill – organizing skill- Leading and Controlling skills – Managerial Skills at various Levels: Technical skill, Human skill, Conceptual skill.

UNIT-III **Management of Human Capital:** Recruitment: Office Management, Marketing and Operational staff – Selection - Training – Guide Services – Event Management

UNIT-IV **Financial Management:** Accounting – Book Keeping – Requirement of Finance for Development – Promotion and Administration – Sources of Finance – Public and Private Investments - Sectoral Investment and Foreign Investment.

UNIT–V **Tourism Planning** – Role of Government and Non Government organizations – Approaches and levels of Tourism Planning – Tourism Policies and Issues – Tourism and Regional Development – Indian and International Tourism Organizations.

SUGGESTED READINGS

1. Cooper, Fletcher and others, *Tourism principles and practices,* (Pearson, 2017)
2. Robert Christie Mill, Alastair M. Morrison, *The Tourism system: An Introductory Text,* (Prentice- Hall International), 1985.
3. Philip Kotler: *Marketing Management*, 2017
4. Pran Nath Seth: *Successful Tourism Management*. Vol., - I & II, 2006
5. Ram Acharya: *Civil Aviation and Tourist Administration in India*, 1978
6. Harold Koontz & Heinsz Weirich, *Essential of Management*, 1982
7. V.S.P. Rao, *Management Concepts*, Konark Publishers
8. R. D. Agarwal: *Organization & Management*, Tata McGraw Hill. 1982
9. L.M. Prasad: *Principles & Practice of Management*, S. Chand, New Delhi, 2019

T 302: EMERGING TRENDS IN TOURISM
Core Paper

UNIT–I **Changing Trends**: Globalization – Economic viability – Infrastructure – Accessibility - Leisure travel - Motivations of Tourism Demand – International Tourism – Emerging Trends – Causes of variation in Tourism Trends

UNIT–II **Various Types of Tourism**: Adventure and Sports Tourism – Land based Adventure – Trekking, Mountaineering, Rock Climbing – Water based Adventure – Water Surfing, White Water Rafting, Para-sailing and Air based Adventure – Parachute Jumping, Gliding, Para-gliding

UNIT-III **Sustainable Tourism**: Concept of Eco-Tourism and Sustainable Tourism - Management – Impacts of eco-Tourism – Best Practised Eco-Tourism sites in the World – Theme Parks – MICE

UNIT-IV **Tourism Impacts**: Socio-Cultural Impacts of Tourism – Economic Impact and Environmental Impact and Assessment – Control Measures – Measuring Economic Costs and Benefits

UNIT–V **Emerging Trends**: Solo Travel – Safety and Hygiene – Digitalized Guest Experiences – Personalization – Sustainability – Shift from International to Local – Growth of contactless payments – Virtual reality tourism trends: Eco travel – Robo mania – Artificial Intelligence – Recognition Technology – Augmented reality – Healthy and organic food – Recent Changes: Covid-19 and its effects on Tourism.

SUGGESTED READINGS

1. Steve Taylor (ed) *Adventure Tourism: Meaning, Experience and Learning*, Rutledge, New York, 2013.

2. RobinetJacob&P. Mahadevan, *Tourism Products of India*, Abijieet Publishers, New Delhi, 2012.

3. Mountains of India: *Tourism, Adventure and Pilgrimage*, Indus Publications, New Delhi, 2000.

4. Tim Gale, Jenniefer Hill (Edt), *Eco–Tourism and Environmental Sustainability: Principles and Practies*, Ashis Publications, New Delhi, 2004.

5. Hall, CM & S. J. Page, *The Geography of Tourism and Recreation*, Rutledge.

6. Pearce, D. G. & R. W. Butler, *Contemporary Issues in Tourism Development*, Rutledge.

T 303 (A): ENVIRONMENT, SUSTAINABLE DEVELOPMENT AND TOURISM
Generic Elective

UNIT-I **Tourism and Environment**: Relationship between Tourism & Ecology – Community Participation and its types – Socio- Economic and Cultural Conditions – Evaluation of Scenic Beauty – Wild Life – Bird Sanctuaries – Species Project – Theme Park – Amusement Park – Types of Resorts

UNIT-II **Eco-friendly Practices:** Basic Laws & ideas in Ecology – Biodiversity and its Conservation – Pollution- Ecological Foot Prints - Sustainable Tourism and Poverty Alleviation -- Tourism and Community Participation.

UNIT-III **Analysis of Local Resources:** - Approaches in Sustainable Tourism – Tourism and Poverty Alleviation - Environmental Information System (EIS) – Environmental Management System (EMS) & Impact of Tourism Sites – Global Warming and Climate Change.

UNIT-IV **Climate Declarations**: - Meaning – Principles - Agenda 21 for Travel and Tourism Industry - World Conference on Sustainable Tourism 1995 – Globe 90 Conference - Berlin Declarations - Bali Declarations 2005 - Cape Town Declarations 2002 and Kerala Declarations, Ecotourism- Quebec Declaration 2002 - Kyoto Protocol 1997 - Oslo Declaration 2007.

UNIT-V **Environmental Policy and Alternative tourism**: Environmental Policy – Tourism Policy in India – Alternative Tourism: Extreme agriculture, Spa and Health tourism and Wine tourism – Potentials and Constraints - Major Eco tourism destinations of India.

SUGGESTED READINGS

1. Buckley, R., *Environmental Impacts of Eco-tourism*, CABI, London, 2004.
2. Chandana, *Environmental Awareness*, Kalyani Publishers, New Delhi, 1998.
3. Chaudhury, S. K., *Culture, Ecology and Sustainable Development*, Mittal, New Delhi, 2006.
4. Chawala, R., *Ecology and Tourism Development*, Sumit International, New Delhi, 2006
5. Helen Briassoulis, Jan Van der Straaten, *Tourism and Environment : Regional, Economic, Cultural and Policy Issues*, Kluwer Academic Publishers, Netherlands, 2000.
6. Martin Mowforth, Lan Munt, *Tourism and Sustainability Development and New Tourism in the Third World*, Routledge, 2003.
7. Mowforth, M. and Munt, I. *Tourism and Sustainability. Development and New Tourism in the Third World*. Routledge, London.
8. Singh, L.K., *Ecology, Environment and Tourism*, Gayan Publishing House, New Delhi, 2008.
9. Sinha, P. C., *Guidelines for Human Environmental Sustainable Development, Global Environment Law, Policy and Action Plan*, SBS Publications, New Delhi, 2006.
10. Trevor, Sofield H.B., *Empowerment for Sustainable Tourism Development*, Elsevier, London, 2003.

T 303 (B) : TOURISM RESEARCH METHODS
Generic Elective

UNIT–I Introduction to Research: Nature, Scope and Purpose of Tourism Research – Foundations of Research – Meaning, Objectives, Motivation, Utility, Concept of Theory – Theoretical Perspectives – Tourism Management Information Systems – Conceptual and Operational Definitions – Specific Problems in Tourism Research

UNIT-II Purpose of Tourism Statistics: Role and Scope of Tourism Statistics; Measurement of Tourist Consumption, Demand and Supply and Measuring Tourism Resources. Basics Tools of Statistics: Mean, Median, Mode, Standard Deviation.

UNIT-III Quantitative Techniques: Meaning and Definition of Quantitative Methods, Types of Quantitative Research – Survey, Correlation Research, Comparative Research and Experimental Research.

UNIT-IV Qualitative Techniques: Meaning and Definition of Qualitative Research; Types of Qualitative Research – Ethnographic, Narrative, Case Study, Phenomenological and Grounded Theory Research.

UNIT-V Writing Research Proposal – Introduction, Literature Review, Objectives and Hypotheses, Research Methods, Sampling Methods and Size, Data Analysis and Tabulation, Results and Discussions, Conclusion, References.

SUGGESTED READINGS

1. Artinah, Zainal, SallehMohdRadzietl (ed.), *Current Issues in Hospitality and Tourism Research and Innovations*, CRC Press, London, 2012.

2. Bhatia, A.K., *International Tourism Management*, Sterling Publishers Private Ltd, New Delhi, 2001.

3. Brent, W. Richie (ed.), *Tourism Research Methods: Integrating Theory with Practice*, CABI Publishing House, London, 2005.

4. Brunt, P., *Market Research in Travel and Tourism*, Butterworth Heinemann, London, 1997.

5. Engel, J. F. (ed.), *Market Segmentation: Concepts & Application*, Rinechart & Winston, New York, 1972.

6. Jennings, G., *Tourism Research*, John Wiley & Sons, London, 2001.

7. Michael, V. P., *Research Methodology in Management*, Himalayan Publishing House, New Delhi.

8. Ritchie, J. R. B., and Goeldner (eds.), *Tourism and Hospitality Research: A Handbook for Managers and Researchers*, Wiley, London, 1994.

T 303 (C): TOURISM AND HUMAN RESOURCE MANAGEMENT
Generic Elective

UNIT–I **Human Resources Management**: Introduction – Meaning, Definition, Importance of Human Resources – Functions - Human Resource Policies: Need, type and scope and work Culture - Understanding cross cultural differences - Qualities of a good Personnel Manager

UNIT–II **Need for human resource Management in tourism** - Man power recruitment Approach - HRM – Challenges and Opportunities - Training and development – Placement, induction and performance appraisal - Advantages and disadvantages of choosing tour escorting as a profession - Skills and competencies required to be a tour manager - Challenges faced by a tour manager

UNIT–III **Roles and Duties of Tour Manager**: Pre-trip Duties / Preparation; Understanding tour client profile, Tour Escort File- Responsibilities at the Airport - Airport Check-In Procedures, Customs and Immigration; Responsibilities at the hotel-Check In, Check out, Meal requests -- On-Tour Operation; Destination Briefing, Time Schedule; Points of Interests; Routing, Distance - Working with the Local Guide

UNIT–IV **Group management and situation handling** - Group control and Setting Limits, Handling difficult tourists, Communication Skills; Typical Day-to-Day Problems; Listening Skills; Conflict Resolution - Handling emergency situations - Tools of the trade for the tour manager

UNIT–V **Other roles and functions**: The Professional Daily Briefing; Dealing with FAQ's; Taking care of logistics: Dine Around, Shopping - Safety of guests, Arrival preparations: Briefing instructions and feedback - Tour Conclusion

SUGGEST READINGS

1. Chowdhary, Nimit (2013). *Handbook for Tour Guides*. New Delhi: Matrix Publishers.
2. Mitchell, G.E. (2005). *How to Start a Tour Guiding Business*. Charleston: The GEM Group Ltd.
3. Pond, K.L. (1993). *The Professional Guide*. New York: Van Nostrand Reinhold.
4. Michael Riley, *Human Resource Management in the Hospitality and Tourism Industry*, Rutledge, 2014.
5. Tom Baum (Ed.), *Sustainable Human Resource Management in Tourism*, Spinger, 2020.

T 303 (D): CONSERVATION AND MANAGEMENT IN TOURISM
Generic Elective

UNIT–I **General Principles of Conservations**: Conservation, Preservation, Restoration, Reconstruction, Reproduction and Translocation - Analysis of Conservation material; Rules and regulations regarding antiquity and heritage; Conservation policy- Visitors Management: Infrastructure, Carrying Capacity, Information centers.

UNIT–II **Heritage Conservation**: Introduction and Types; Identification, Demarcation and Documentation of Heritage Zone; Community-based heritage conservation; Community engagement and stakeholder participation in heritage conservation -- Uncovering the community participation.

UNIT–III **Conservation Maintenance**: Basic conservation handlings – Tourism Eco-sites, temperature, humidity, pollution, light, bio – deterioration, proper environmental conditions, care and handling.

UNIT–IV **Preservation and Restoration Organizations:** Heritage of National importance, Conservation organizations – Indian National Trust for Art and Cultural Heritage (INTACH), International Centre for the Study of the Preservation and Restoration of Cultural Property (ICCROM) and Indian Trust for Rural Heritage and Development (ITRHD)

UNIT–V **Heritage Management Plan**: Significance; Steps – Hardware component and software component; Promotion and public display of conserved site; Analysing working of Heritage management plans - Case study of Heritage Tourism Village Raghurajpur.

SUGGESTED READINGS

1. J. J. Plenderlauth, (1971), *The Conservation of Antiques And Work of Art*, Oxford University Press, London.

2. O.P. Agarwal, (2004), *Conservation of Cultural Property of India*, National Museum, New Delhi.

3. S. S. Bishvash, (1999) Protecting the Cultural Heritage, Aryan Book Publication, New Delhi.

4. Inaugural issue of INTACH (2016) Journal of Heritage Studies, INTACH, New Delhi.

5. Heritage Management Plan, (2012), INTACH, New Delhi.

6. Shyamchainani, (2016) *Heritage Conservation Legislative and Organisational Policies of India*, INTACH.

T 304: TOURISM SKILLS AND OPPORTUNITIES
Skill Oriented

UNIT-I **Definition of Tourism skills**; Importance of Skills in Tourism and Hospitality; Basic Issues of Tourism Customers: Different Types of Complaints – Attitudinal, Service-related; Issues in Hotels, Travel Organizations and Airlines; Reasons for Dissatisfaction; Resolving Complaints; Need for Special Skills – Types of Skills.

UNIT-II **Definition and Importance of Hard Skills**; Types of Hard Skills – Accounting and Auditing -- Budgeting and Banking, Legal Awareness, Social Media Marketing, Marketing Research, Market Affiliations, Business Analysis and Sales.

UNIT–III Definition and Importance of Soft Skills; Types of Soft Skills – Communication, Language skills, Customer service skills, Team Work, Stress and Management, Networking, Organization, Multitasking, Cultural Awareness, Strategy and Innovation.

UNIT-IV Meaning and Definition of Leadership Skills; Types of Skills – Adaptability, Team-oriented, Entrepreneurial, Passionate, Listening and Negotiation Skills; Challenges of Leadership; Important Keys to Successful Leadership.

UNIT–V Career in Tourism and Hospitality; Career Goals and Expectations; Role of Training and Training Institutions; Important Institutions in India; Career Opportunities in Hospitality and Tourism

SUGGESTED READINGS

1. Miriam Firth, *Employability and Skills Handbook for Tourism, Hospitality and Events Students*, Routledge, London, 2020.

2. Anukrati Sharma (ed.), *Sustainable Tourism Development: Futuristic Approaches* (Advances in Hospitality and Tourism, CRC Press, London, 2019.

3. UNWTO, *The Future of Work and Skills Development in Tourism*, Policy Paper, 2019.
4. Saurabh Dixit, *Tourism Development*, ESS ESS Publications, New Delhi, 2017.
5. J K Sharma, *Tourism Planning and Development: A New Perspective*, Kanishka Publishers, New Delhi, 2020.

T 305 (A): TOURISM INDUSTRY IN INDIA
Open Elective

UNIT–I Tourism Industry: Definition, Nature and Scope – Tourism as an Industry - Economic Contribution - India's Share in World Tourist Arrivals and Receipts -Foreign Exchange Earnings - Employment - Foreign Investment - Basic Components of Tourism - Transport - Accommodation- Facilities and Amenities - Emerging trends in tourism industry.

UNIT–II Hospitality Industry: Essentials and Components - Conventional and Non-conventional Hotels – Major International and Indian Hotel Chains - Food and beverages - Housekeeping Department: Executive Housekeeper, Asst Executive Housekeeper – Hotel Management Skills

UNIT–III **Tourist Destinations:** Geographical locations - Mountains – Hill stations: Kashmir, Sri Nagar, Shimla, Manali, Kulu Valley, Nainital, Darjeeling Mt. Abu, Mahabaleswar, Ooty, Kodaikanal - Beaches: Gopalpur, Juhu, Goa, Visakhapatnam, Chennai, Mahabalipuram, Pondichery and Kovalam

UNIT–IV **Heritage Centres :** Forts and Palaces: Jaipur – Jodpur – Udaipur – Jhansi – Bandhavgar - Raigad – Golkonda – Vellore - Ginge – Penukonda – Chandragiri – Gooty - Palaces: Mysore Palace -- Umaid Bhavan Palace Jodhpur- Hava Mahal, Jaipur- Lake Palace Udaipur.

UNIT–V **Responsible Tourism**: Role of Public and Private sectors in Tourism - Ministry of Tourism, Government of India and State Tourism Corporations - Sustainable Tourism development – Conservation and Ecotourism.

SUGGESTED READINGS:

1. A bhoy Das Jhangi, *Tourism industry in India*, Pacific book international publishers, 2019.
2. Robinet Jacob, Mahadevan, Sindhu Josep, *Tourism products of India*, Abhijeet Publications, 2012.
3. Media Transasia India, *Discover India*, Burda Media publication, 1988.
4. A. Satish Babu, *Tourism Development in India*, APH Publication, 2008.
5. Planning commission Report, *India 2007*.
6. P.B. Das Nageshwar Rao, *Journal of Services Research*, (September 2002).

T 305 (B): ADVENTURE TOURISM
Open Elective

UNIT-I **Adventure Tourism:** Definition, Scope and Nature of adventure Tourism - Emerging trends of adventure tourism -- Popular Tourist Destinations - Land based trekking, Skiing, Mountaineering, Desert Safaris, Car Rallies. Water based rafting, kayaking, canoeing, surfing, water skiing, scuba diving and Air based parasailing, paragliding, Bungee Jumping, ballooning, hand gliding and micro lighting.

UNIT-II **Minimum requirements for Adventure Tourism:** Tools and Equipments used in land-based, water-based and air-based adventure tourism - Popular tourist destinations in India with special reference to Jammu and Kashmir, Uttarakhand and Himachal Pradesh - Indian Mountaineering Foundation - Rules for mountain expeditions, cancellation of permits and bookings.

UNIT-III **Adventure Tourism Impacts:** Social, Cultural, Economic and Environmental Impacts - Issues from the Perspective of Different Stakeholders - Government, Local people, tourists and tourism businesses

UNIT-IV **Adventure Tourism Products and Infrastructure:** Marketing and promotional strategies - Problems and issues relevant to the adventure travel and tourism industry - Risk Management - Future prospects of adventure tourism in India.

UNIT-V **Training organizations in Adventure Tourism:** Adventure tourism organizations and training institutes in J&K - Jawaharlal Institute of Mountaineering and Winter Sports (JIM &NIWS) - Indian Institute of skiing & mountaineering - Challenges of adventure tourism – Conservation: Litter, Waste, pollution, overbuilding, destruction of flora and fauna.

SUGGESTED READINGS

1. Buckley.R. *Adventure Tourism Management*. Rutledge Publishers, 2010.
2. Geoff Crowther, et.al., *India - A Travel Survival Kit*. Lonely Planet Publication, 1990.
3. Gillan Wright, *Hill Stations of India*, Penguin Books, New Delhi, 1991.
4. Gupta, V.K., *Tourism in India*, Gyan Publishing House, Delhi, 2013.
5. I.C. Gupta & Sushama Kasbekar, *Tourism Products of India*, 1995.
6. Malik, S.S, *Potential of adventure Tourism in India*, Agam Kala Prakashan Publishers, 2006.
7. Negi.J. *Adventure Tourism and Sports: Risks and Challenges*, Kanishka Publications, 2010.
8. Pran Nath Seth, *India - A Travellers Companion*, 1996.

SEMESTER –IV

T 401: TOURISM MARKETING
Core Paper

UNIT-I **Marketing:** Core Concepts in Marketing – Needs, Wants, Demands, Products, Markets, Marketing Management Philosophies - Marketing for Tourism– Tourism Products – Features of Tourism Marketing and its Uniqueness- Marketing Functions – Market Research-Tourism Marketing Mix.

UNIT-II **Understanding the Market and the Consumer**: Marketing Environment- Consumer Behavior - Buyer Decision Process – Tourism Demand Forecasting – Market Segmentation – Targeting – Market Positioning – Niche Marketing.

UNIT-III 5**P's of Tourism Marketing:** Product Designing – Branding and Packaging – New Product Development – Product Life Cycle – Tourist Destination Life Cycle - Price: Strategies and Approaches; Place: Channels of Distribution, Promotion: Advertising – Sales Promotion – Publicity – Personal Selling; Other P's – Competitive Differentiation – Customer Satisfaction and Relationship Marketing.

UNIT-IV **Marketing of Tourism and Related Activities:** Global Marketing, Direct Marketing, Social Media & Digital Marketing, Green Marketing, Corporate Social Responsibility, Ethics & Consumerism - Trends in Tourism Marketing – Marketing of Destinations, Airlines, Hotels, Resorts, Travel Agencies, Events and other Tourism Sub Sectors and Products – Challenges and Strategies.

UNIT-V **Developing Marketing Skills for Tourism:** Self-Motivation-Team Building- Personality Development- Communication - Creativity & Innovation- Innovative Products in Tourism-International Perspective and Contemporary Trends.

SUGGESTED READINGS

1. Chaudhary, M. (2010). *Tourism Marketing*, New Delhi: Oxford University Press.
2. Fyall, A., & Garrod, B. (2005). *Tourism Marketing: A Collaborative Approach* (Vol. 18).
3. Kotler, P. (2006). *Marketing Management*. Delhi: PHI.
4. Stanton, W. J. (1999). *Fundamentals of Marketing*, New York: McGraw Hill.
5. Neelamegham, S. (1998), *Marketing in India: Cases & Readings*. New Delhi: Vikas.
6. Ramasamy, V.S., & Namakumari, S. (1990), *Marketing Management: Planning & Control* New Delhi: Macmillan.
7. E-Pathshala. (2018). Retrieved from E-Pathshala an MHRD Project Website: http://epgp.inflibnet.ac.in/ahl.php?csrno=1827 Select- P-14.

T 402: PLANNING AND DEVELOPMENT OF TOURISM
Core Paper

UNIT-I **Introduction**: Concept and formulation of tourism policy: Understanding Tourism Planning: Conceptual meaning of Tourism Planning, Evolution of Tourism Planning, General Concepts of Planning, Levels and Types of Tourism Planning, Background Approach and planning scale.

UNIT-II **Need for Tourism Planning** – Role of government, public and private sectors, Role of international, multinational, state and local tourism organizations in carrying out tourism policies – Planning for Sustainable development- Forces which promote Sustainable Tourism

UNIT–III **Linkage between planning and Tourism Development** - Role of Public and Private sectors in Tourism Development - Their role in Tourism Development - Analysis of an individual Tourism Project (Development of the Buddhist circuit)

UNIT-IV **Tourism Policy of India**: National Action Plan on Tourism (1992) – Draft National Tourism Policy (1997) – Concept of National Tourism Board – Tourism in the states of India – Case study of Tourism policies of State Governments – Andhra Pradesh, Rajasthan, Himachal Pradesh and Goa -- Tourism Policy of India 2015 -- Environment Planning

UNIT–V Agreements: Chicago Convention, Warsaw Convention, Open Sky Policy, Bermuda Convention, Euro Agreement, Schengen Agreement

SUGGESTED READINGS

1. Bhatia, A.K. (2009), *Tourism Development: Principles and Practices*, Sterling Publishers.

2. Gunn, Clare A., *Tourism Planning: Basics, Concepts, Cases,* Taylor and Francis, London, 1994.

3. Hollaway J.C., *The Business of Tourism,* Financial Times Prentice Hall, New Jersey, 2006.

4. Inskeep, Edward, *Tourism Planning: An Integrated and Sustainable Development Approach,* VNR, New York, 1991.

5. Mill and Morrison, *The Tourism System: An Introductory Text,* Prentice-Hall, New Jersey, 1992.

6. Poynter James M., *Tour Design – Marketing and Management*, Prentice Hall, New Jersey, 1993.

7. Swain, K.S., & Mishra, M.M. (2012). Tourism Principles and Practices. Delhi: Oxford University Press.

T 403 (A) : TOURISM ENTREPRENEURSHIP
Generic Elective

UNIT-I **Entrepreneurship:** Theories & Approaches; Types of Entrepreneurs – entrepreneur and Intrapreneur - Entrepreneurial Motivation – Entrepreneurial Climate – Myths about Entrepreneurship – Role of Entrepreneurship in Economic Development – Entrepreneurial opportunities for tourism - Growth and Challenges of Entrepreneurship in Tourism Industry.

UNIT-II **Creativity and Innovation:** Process of Creativity and Roadblocks – Innovation – Types of Innovation – Role of Creativity and Innovations in Travel and Tourism Industry – Contemporary Trends – Competencies of an Entrepreneur- Role of Technology in Tourism Entrepreneurship.

UNIT-III **Entrepreneurship in Tourism:** Opportunity Identification – Sources of Ideas - New Product Development – Writing a Business Plan – Feasibility Report – Technical Feasibility vs. Economic Viability. Setting up an Enterprise – Steps, Procedures, Licenses, Registration etc.

UNIT-IV **Sources of Funding:** Sources of Finance for Tourism Enterprises, Subsidies and Incentives – Promotion and Development of Tourism – Institutional Framework – Banks, Institutions including IFCI, ICICI, IDBI, SIDBI – Role of Government in promoting Tourism Entrepreneurship – MSME Policy, EDII, NIESBUD, NEDB.

UNIT-V **Managing Growth:** Business Integration – Diversification-Mergers and Acquisitions-Business Failure-Causes for failure – Revival of Sick Enterprises – Strategies for revival-Women Empowerment in Tourism

SUGGESTED READINGS

1. Bedi, Kanishika, *Management & Entrepreneurship*, Oxford, New Delhi.
2. Bird B.J. *Entrepreneurial Behavior*, New York: John Wiley & Sons.
3. Peter F., Drucker, *Innovation and Entrepreneurship*, 1985, Harper; NY.
4. Vasant Desai, *Entrepreneurship & Small Business Management.*
5. S. S Khanna, *Entrepreneurial Development.*
6. C B Gupta, N P Srinivasan, *Entrepreneurial Development.*
7. D N Mishra, *Entrepreneur and Entrepreneur Development & Planning in India*.
8. Lall &Sahai, *Entrepreneurship* (Excel Books 2 edition).
9. A.K.Rai, *Entrepreneurship Development*, (Vikas Publishing)

T 403 (B): TOURISM AND HOSPITALITY MANAGEMENT
Generic Elective

UNIT-I **Introduction**: Overview of Tourism Industry – Concept of Tourism – Economic Importance of Tourism - Impact of Tourism

UNIT-II **Hospitality**: Types of Accommodation – Classification – Accommodation Management – Evolution and Growth of Hotel Industry - Hotels and their Categories - Concept of Heritage Hotels - Classification Heritage Hotels, Dept. of Tourism Incentives

UNIT-III **Functions of the Front Office**: Structure - Front-of-the-House Operations - Back-of-the-House Operations - The Reservation Office - Types of Reservation System - Accepting or Denying Reservation - Generating Reservation Reports - Managing Reservations - Check-in Process - Front Office Accounting - Check-out Process - The Electronic Front Office (EFO)

UNIT-IV **Housekeeping:** Layout of the Housekeeping Department and its Functions - Management of Guest Amenities - Importance of Grooming - Specifications for Men and Women – Personal Hygiene - The Security Division

UNIT-V **Restaurant Management**: Hotel Operations – The Food and Beverage Division – Food Services: Retail, Industrial, Healthcare and Club Food – Bar and Restaurant - Future Trends in Hospitality management - Role of Associations in Hospitality sector.

SUGGESTED READINGS

1. Abraham Pizam (ed.), *International Encyclopaedia of Hospitality Management*, Routledge, London, 2009.
2. Andrews, *Hotel Front Office Training Manual*, Tata Mcgraw Hill, Bombay, 1980
3. Arthur & Gladwell, *Hotel Assistant Manager*, Jenkins, London, 1982
4. Bhatia, A. K., *Tourism Development: Principles and Practices*, Sterling Publications Pvt. Ltd., New Delhi, 2012.
5. John C, Crotts, Dimitrios Buhalis, Roger March (ed.), *Tourism and Hospitality Management*, Routledge, New York, 2012.
6. Prideaus, Gianna Moscardo (ed.), *Managing Tourism and Hospitality Services*: *Theory and International Applications*, Biddles Ltd., London, 2005.
7. Seth, P. N., *Successful Tourism Management*, Sterling Publications Pvt. Ltd., New Delhi, 2000.

T 403(C): UNDERSTANDING AND EVENT MANAGEMENT
Generic Elective

UNIT-I **Introduction to Events**: Nature, Importance and Scope – Types of Events – Unique features and similarities – Practices in Event Management - The Dynamics of Event Management: Event Planning and organizing - Key steps to a successful event management – Checklists for different types of Event - Planning schedule and Action Agenda

UNIT-II **MICE** - Nature, Importance and Scope – Events in MICE - Unique Features and Similarities – Practices in MICE Management - Economic and Social Significance of MICE - Events for promotion of tourism under MICE: Cultural, festivals, religious and business - Impact of conventions on communities

UNIT-III **Event Operations**: Registration - Seating Arrangements - Documentation, Press Relations - Audio-Visual Arrangements: Films, Videos, CDs - Video-Conferencing - Service quality management. Managing Events - Corporate Events - Trade and Exhibitions - Events in Educational Institutions.

UNIT-IV **Trade Fairs**: Nature, Scope and Function - Benefits of Fairs – Unique Selling Propositions - International Trade Fairs: World Tourism Mart (WTM), Berlin Trade Fair (BTF), TTW, FITUR, Pacific Asia Travel Association (PATA) Travel Mart.

UNIT-V **HR in Event Management**: Interactions in Event service management - Event service and programme quality - Planning of Human resources in Events – Leadership and Participants Management – Managing People and Time – Site and Infrastructure Management **Logistics:** Event Networks and Supply Chain - Handling Vendors and Service Contractors - Negotiating With Vendors and Service Contractors - Problem Solving and Crisis Management

SUGGESTED READINGS

1. Bhatia A.K. (2001), *Event Management, Sterling Publishers*, New Delhi.
2. Blatt, J.G. *Special Events- Best Practices in Modern Event Management*. John Wiley and Sons, New York.
3. Editorial Data Group USA (2018). *Exhibition & Conference Organizers United States: Market Sales in the United States* Kindle Edition.
4. Fenich, G.G. (2014). *Production and Logistics in Meeting, Expositions, Events and Conventions*. Edinburgh: Pearson.
5. Johnson, N. (2014). Event Planning Tips: *The Straight Scoop on How to Run a Successful Event (Event Planning, Event Planning Book, Event Planning Business*). MCJ Publishing. Kindle Edition.
6. Joe Gold Blatt (1997), *Special Events- Best Practices In Modern Event Management*, John Wiley and Sons, New York.
7. Mittal, S. (2017). *Event Management: Ultimate Guide to Successful Meetings, Corporate Events, Conferences, Management & Marketing for Successful Events: Become an event planning pro & create a successful event series*. Alex Genadinik Publication. Kindle Edition.

T 403 (D): DESTINATION PLANNING AND MARKETING
Generic Elective

UNIT-I **Destination Development:** Concept, Meaning, Types and Characteristics of Destination Tourism – Destination Development: Products, Lifecycle – Destination Management Systems: Destination Zone, Planning Guidelines and Model

UNIT-II **Need for Tourism Policy:** Destination Planning – Approaches to Policy Implementation – Minimization of Policy Gap – Levels of Tourism Planning: International, National, Regional and Local – Role of Implementing Agencies, Stakeholder-Driven Policy, Hurdles in Formulating and Implementing Tourism Policies – Linking Tourism Policy with Planning.

UNIT-III **Recourse Analysis**: Destination Potentiality – Unique features – Carrying Capacity – Infrastructure Analysis – Regional Environmental Analysis, Market Analysis and Competitor Analysis

UNIT-IV **Destination Marketing:** Six 'A's for Tourism Destinations - Dynamic Wheel of Tourism Stakeholders – Destination Marketing Mix – Destination Competitiveness – Distribution Channels - Marketing Communication and Strategies- Target Marketing – Positioning strategy.

UNIT-V **Destination Promotion:** Destination Image Formation Process - Unstructured Image – Destination Appraisal, Tangible and Intangible Attributes of Destination – Measurement of Destination Image – Case Study of Incredible India and God's Own Country, Vibrant Gujarat.

SUGGESTED READINGS

1. Morgan, N, Pritchard, A &Pride, R. (2011). *Destination Branding: Creating the Unique Proposition*, Butterworth and Heinemann.

2. Butler, R.W. (2006). *Tourism Area Life Cycle: Applications and Modifications*, Channel View Publications.

3. Tang, C.H. & Jones, E.E. (2005). *Tourism SMEs, Service Quality and Destination Competitiveness*, CABI Publishing.

4. Singh,S. Timothy, D.J. & Dowling, R.K. (2003). *Tourism in Destination Communities*, CABI Publishing.

5. Crouch, D.I. J.R. Ritchie, B. & Kossatz, H.G. (2003). *Competitive Destination: A Sustainable Tourism Perspective*, CABI Publishing.

6. Murphy, P. E. (1986). *Tourism: A Community Approach*. Methuen, New York.

7. Inskeep, E. (1991). *Tourism Planning: An Integrated and Sustainable Development Approach*. Van Nostrand Reinhold, New York.

T 404: Project: Dissertation + Viva
Project Work

Project : 80 marks
Viva voce : 20 Marks

T 405 (A) : GLOBALIZATION AND TOURISM
Open Elective

UNIT-I **Globalization and Tourism**: Meaning and Definition – Historical Development of Globalization, Challenges and Opportunities of Globalization, Significance of Tourism and Hospitality Industry.

UNIT-II **Effects of Globalization:** Global Mobility and Ease of Travel, Free flow of Information, Terrorism, Safety, and Security – Increased Awareness of New Destinations; Impact of Globalization on Tourism – Tourism as a Force for Peace, Tourism as Cultural Homogenizer.

UNIT-III **Globalization and Hospitality Industry**: Transnational Migration, Diasporic Identities and Media Flows; The effects of Globalization on the Hospitality industry – Exposure to different cultures, Advancement of technology, Greater Opportunities for Developing Nations and Seasonal Employment.

UNIT-IV **Challenges of International Tourism** – Inter-Cultural Issues, Drug Trafficking, Human Trafficking and Non-Traditional Security Threats

UNIT-V **Global Changes**: Aviation Geography: Important Tourist Circuits: Middle East – Far East – Asia Pacific - Tourism in Developed Countries: USA, Japan and Germany – Under Developed Countries – Kyrgyzstan, Mexico and Somalia

SUGGESTED READINGS

1. Fredy González Fonseca, Challenges and Opportunities in the World of Tourism From the Point of View of Ecotourism, *Higher Learning Research Communications*, December 2012 Volume 2, Number 4, https://www.researchgate.net/publication/325409129_Globalization_in_tourism/citation/download

2. Haiyan Song, Gang Li, Zheng Cao, Tourism and Economic Globalization: An Emerging Research Agenda, *Journal of Travel Research*, October 23, 2017, https://doi.org/10.1177/0047287517734943.

3. Introduction to Globalization and Tourism and Hospitality, http://lib.unipune.ac.in:8080/jspui/bitstream/123456789/3869/11/11_chapter%201.pdf

4. Iryna Mykhailivna Trunina, Olena Anatoliivna Sushchenko, Viktoriia Valeriivna Druzhynina and Olena Leonidivna, Zahorianska1Globalization impact on the world travel market development, https://www.shs-conferences.org/articles/shsconf/pdf/2020/01/shsconf_ies_2019_01029.pdf.

5. Dallen J. Timothy (ed.), *Handbook of Globalization and Tourism*, (Arizona State University, 2019).

T 405 (B): TOURISM ECONOMICS
Open Elective

UNIT- I **Concept of Economics in Tourism**: Demand and Supply in Tourism - Consumer Decision Making Process - Determinants and indicators of Demand - Measurement of Demand - Law of Marginal Utility, Law of Demand and Supply - Tourism product - Process of Product Development - Tourism and economic development- Indian perspective

UNIT-II **Pricing in Tourism:** Determinants of Price - Types of Price in Tourism - Pricing a New Product - Pricing under different Market conditions - Factors influence tourism supply - Project Feasibility Study. Cost Benefits Analysis - SWOT Analysis - check list.

UNIT-III **Impact of Tourism:** Economic impacts - Social Impacts - Environmental Impacts - Multiplier Effects in Tourism, Environment Impact Assessment (EIA) - Impact on employment - Impact and Contribution of Tourism Sector in National Economy.

UNIT-IV **Public and Private Sector in Tourism**: Government Role in Tourism - Community and Tourism. Need for Public – Private Sector Co- Operation in tourism - Investment Appraisal in Public and Private Sector - Regular Role of Government in Tourism.

UNIT-V **Tourism's Contribution:** Role of Tourism in the global economy and in Indian Economy - Tourism Demand Forecasting - Sources of Finance For Tourism – TFCI - Economic Contribution, Impact and Net Benefits of Tourism.

SUGGESTED READINGS

1. Baskota, K., *Impact of Tourism Local Employment and Income in Three Selected Destinations; Case Studies of Sauraha, Nagarkot and Bhaktapu*r. Nepal Tourism and Development Review. Vol (2) No. 1, 2012.
2. Bull, A., *The Economics of Travel and Tourism*. Harlow: Longman, 1995
3. Gautam, B.P., *Tourism and Economic Growth in Nepal*. NRB Economic Review. Vol-23-2, 2012.
4. Mankiw, N. Gregory, Macroeconomics, (3rd ed.), New York: Worth Publishers, 1997.
5. Sinclair, M. & Stabler, M., *The Economics of Tourism*, (1st ed.), Routledge, 1997.
6. Tribe, J., *The Economics of Recreation, Leisure and Tourism*, (4th ed.), Elsevier Ltd, 2011.
7. Vanhove, N., *The Economics of Tourism Destinations*, (1st ed.), Elsevier Limited, 2005.
8. Williams, A.M., *Towards a Political Economy of Tourism*, In Lew, 2004.
9. Hall, C.M. &Williams, A.M. (Eds.) *A Companion to Tourism*, Blackwell Publishing, 2003.

CENTRE FOR WOMEN'S STUDIES

1.1.2. Minutes of the Board of Studies Meeting.

Venue: HOD Chamber (Online due to Lockdown) Date: 08-01-2022
Time: 02.00PM

Members present:

S.NO	Name of the Faculty Member	Designation
1	**Prof. D. Krishnamoorthy**	BOS Chairman& HOD
2	**Prof. G. Sandhya Rani**	Member
3	**Prof. N. Manimekalai**	Member

Agenda:

1. Finalization of syllabus for M.A. Women's Studies and Management for its introduction from the Academic year 2021-2022 for I and II semester students as per NEP 2020.
2. Any other item.

Resolutions:

1. The M.A. Women's Studies and Management syllabus prepared as per Outcome Based Education (OBE) has been discussed and by following the suggestions/Improvements were incorporated as suggested by members of BOS and External Experts.
2. Under National Educational Policy (NEP), skill development and multidisciplinary courses were introduced at III and IV semesters respectively.
3. Course curriculum contents were discussed at length and M.A. Women's Studies and Management programme syllabus was drafted.
4. Based on the above considerations, the BOS members unanimously resolved to approve and recommended the Revised Syllabus with effect from the Academic Year 2021-2022.

Signatures:

S.NO	Name of the Faculty Member	Signature
1.	**Prof. D. Krishnamoorthy**	
2.	**Prof. G. Sandhya Rani**	G. Sandhya Rani
3.	**Prof. N. Manimekalai**	N. Manimekalai

SRI VENKATESWARA UNIVERSITY:: TIRUPATI
SVU COLLEGE OF ARTS
CENTRE FOR WOMEN'S STUDIES

Highlights of the Syllabus revision carried out in the Academic year 2021-22

Programme Name: Women's Studies and Management

Programme Code: 339

101	**Semester-I**	Introduction to gender and women's Studies
102		Principal of management with Gender lens
103		Gender, Patriarchy and society
105(a)		Environment: Gender and Livelihood challenges
105(b)		Social Process and Behavioral Issue: Gender Questions
105(c)		Education: Gender Achievements and Gaps
106(a)		Gender Sensitization and Training: Needs and Strategies
106(b)		Communication, Soft Skills and Etiquette
201	**Semester-II**	Development-Gender Perspectives
202		Health and Nutrition: Gender Analysis
203		NGO Management and Social Development
205(b)		Gender Identity and Leadership : Needs and Strategies
205(c)		Gender Based Violence: Issue and concerns
206(a)		Human Rights with Gender Lens
302	**Semester-III**	Research Methods and Statistics: Feminist
303(a)		Capacity Building and Leadership: Gender Questions
303(c)		Human Resource Management: Gender Analysis
303(d)		Women, Science and techonology:Gender Biases and strategies
304		Computer Applications and software packages for Data Analysis
305(a)		Social values and Ethics: Gender Concerns
305(b)		Governance: Gender Issues and Challenges
401	**Semester-IV**	Entrepreneurship Development: Gender Analysis
403(a)		Participatory learning ,Methods and Extension Education
403(b)		Social Structure: Gender Basis and Questions
403(c)		Women's Health :A Life Cycle Approach
403(d)		Globalization: Gender Implications
404		Project work
405(a)		Media and Communication: Gender Concerns
405(b)		Women and Work : Gender Question

BOS Chairman **HOD** **Member** **Member**

DIRECTOR
CENTRE FOR WOMEN'S STUDIES
S.V. UNIVERSITY, TIRUPATI.

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Prof. M. Srinivasulu Reddy
Director
NAAC Steering Committee
Sri Venkateswara University
Tirupati-517 502