



SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING: TIRUPATI-517502
DEPARTMENT OF CIVIL ENGINEERING
M.Tech. Civil Engineering (R-23) Structures

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

S. No	Course Code	Title of the Course	Year of Introduction	If revision has been carried out in the syllabus during last 5 years, Percentage of content added or replaced
1.	SE15C	Quality Control and Safety Management	2023	11/36=30.55%
2.	SE15C	Maintenance and Rehabilitation of Structures	2023	
3.	SE11L	Structural Design Lab	2023	
4.	SE23C	Design of Bridges	2024	
5.	SE23C	Design of Earthquake Resistant Structures	2024	
6.	SE24C	Advanced Construction Techniques	2024	
7.	SE24C	Low cost Housing Techniques	2024	
8.	PG21C	Value Added course- Cyber Security	2024	
9.	MP21C	Mini Project with Seminar	2024	
10.	PG31C	Waste to Energy	2024	
11.	SE32S	Industrial/ Research Internship (Min of 4 Weeks)	2024	

Table. 1.3.1. Courses which Professional Ethics, Gender, Human values, Environment and Sustainability into the curriculum.

A. Professional Ethics:



SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING: TIRUPATI-517502
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Programme name	Programme code	Course name	Course code	Year of Introduction	Description of the course addressing Professional Ethics
M.Tech SE	1-1422777038	--	--	--	

B. Gender:

Programme name	Programme code	Course name	Course code	Year of Introduction	Description of the course addressing Professional Ethics
M.Tech SE	1-1422777038	--	--	--	

C. Human values:

Programme name	Programme code	Course name	Course code	Year of Introduction	Description of the course addressing Professional Ethics
M.Tech SE	1-1422777038	--	--	--	

D. Environmental & Sustainability:

Programme name	Programme code	Course name	Course code	Year of Introduction	Description of the course addressing Professional Ethics
M.Tech SE	1-1422777038	Waste to Energy	PG31C	2024	Demonstrate the energy generation from wastes



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1.3.1 Courses which address Professional Ethics, Gender, Human values, Environment & Sustainability into the Curriculum

Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
PROFESSIONAL ETHICS 2017-18						
SVU COLLEGE OF ARTS						
Ancient indian history and cultural archeology	AIHC&A-106	114	Human Values and Professional Ethics-I.	AIHC&A-106	2017	1. 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. 2.They inspire the fundamental goodness of human beings and society at large.
	AIHC&A-205	114	Human Values and Professional Ethics-II	AIHC&A-205	2017	1.They inspire the fundamental goodness of human beings and
Centre for women studies	M.A. Women's Studies and Management	239	Entrepreneurship Management and Development	SVUWS- 103	2017-18	The course enables students to inculcate business ethics.
	M.A. Women's Studies and Management	239	Human Values and Professional Ethics I&II	SVUWS- 106	2017-18&2020-21&2021-22	Ethics- Its relation to Religion, Politics, Business, Legal, Medical and Environment
	M.A. Women's Studies and Management	239	Social work Initiatives for Women's Development	SVUWS- 205	2017-18	Imparts the Social ethics to students.
	M.A. Women's Studies and Management	239	Accounting and Financial Management, Tally	SVUWS- 403	2017-18	Provides ethics in Business and Accounting
Education	M.Ed		Human Values and Professional Ethics-II	404-A	2017	
Human rights and social development	Human Rights and Duties	161	Human Values and Professional Ethics-I.	HR -106	2017	1.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. 2. They inspire the fundamental goodness of human beings and society at large.
						1. Students can understand the need

	HR -205	161	Human Values and Professional Ethics-II	HR -205	2017	1. 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. 2. They inspire the fundamental goodness of human beings and society at large.
Population studies (M.A population studies)	M.A	126	Population studies and Master of social work	126 & 127	2017	A separate paper on Human values and professional ethics will be taught in I & II semesters

SVU COLLEGE OF SCIENCES

	M.Sc. Botany	202	2. Plant Ecology	Bot-201	2017-2018	1) To understand the geographical distribution of organisms.
						2) To know the inter-relationship between population and communities.
						3) To learn the management of natural resource and pollution.
						4) Students will know about the factors leading to environmental degradation and their impact.
						5) Develop concern about the environment protection and conservation.
						6) Evolve the relation between biotic and abiotic factors in an ecosystem.
						1) To understand the moral values that ought to guide the profession, Resolve the moral issues in the profession.
						2) To justify the moral judgment concerning the profession.
						3) Intended to develop a set of beliefs, attitudes and habits should display concerning morality.
						4) To create an awareness on Ethics and Human Values.
						5) To inspire Moral and Social Values and Loyalty.
						6) To appreciate the rights of others.

Botany	M.Sc. Botany	202	3. Human values & Professional Ethics - I	Bot-104	2017-2018	7) Discuss moral concept. 8) Define historical periods of the term moral. 9) Explain interaction between evolution of moral and social instruction. 10) List the moral theories. 11) Explain concept of ethics. 12) Explain development process of ethics. 13) Identify differences between moral and ethics. 14) Debate interaction of ethics on profession. 15) Talk about the unethical issues in work life. 16) Talk about the ethic principles in different occupations.
	M.Sc. Botany	202	4. Biodiversity and Conservation	Bot-302	2017-2018	1. To create awareness in the biodiversity on globe. 2. To create interest in identifying the available resources in the world. 3. To inculcate interest to conserve the natural resources on the Earth. 4. Students achieve knowledge on variations in living organisms. 5. They can also know the availability of natural resources on Earth. 6. Once they know the degradation of biodiversity, they will contribute to the protection of nature (Plants/Animals/Minerals/Air/Water).
	M.Sc. Biotechnology	264	Human values and Professional ethics-II	106	2017	1. Apply knowledge of professional ethics and correlate the concepts in addressing the ethical issues outside the class room. 2. Demonstrate knowledge of ethical values in non-class room activities, internships and field work and resolve the moral issues
						The student will be able to

Biotechnology	M.Sc. Biotechnology	264	Bioethics	306b	2017	1. Acquire the knowledge on IPR and procedures for patent filing 2. Understand the Legal and Ethical aspects of gene therapy - cloning - Manipulation of human genome -Technology transfer. 3. Learn role of Government, Industries and society in promoting, accepting and regulating the rDNA research 4. Develop understanding on Environmental and Health aspects of Biotechnology
	M.Sc. Biotechnology	264	Human values and Professional ethics-I	106	2017	
	M.Sc. Biotechnology	264	Human values and Professional ethics-II	206	2017	
	M.Sc. Biotechnology	264	Human values and Professional ethics-I	106	2017	
	M.Sc. Biotechnology	264	Human values and Professional ethics-II	206	2017	
	M.Sc. Biotechnology	264	Bioethics	306b	2017	
Chemistry (Analytical chemistry)	Chemistry	208	Human values and professional ethics I	CHE 109	2017	Nature of ethics, values, individual and society, ethics in Bhagavatgita
	Chemistry	208	Human values and professional ethics II	CHE 209	2017	Value education, medical ethics, social ethics and environmental ethics
Environmental sciences	M.Sc., Environmental Science	266	Human values and Professional Ethics -I	ENV-106	2017	To develop the values among student community
	M.Sc., Environmental Science	266	Human values and Professional Ethics -II	ENV-206	2017	To develop the values among student community
Fishery sciences and aquaculture	M.Sc., Aquaculture	267	Human Values and Professional Ethics -I (Audit Course)	AQC:107	2016	Improves ethical values among students
	M.Sc., Aquaculture	267	Human Values and Professional Ethics -II (Audit Course)	AQC:207	2016	Increases the behavior and knowledge of students
Geography	GEOGRAPHY	228	Human Values and Professional Ethics- I	AUDIT COURSE	2017 and 2021	
Geology	M.Sc Geology	Geo224	Human Values and Professional Ethics	GEO-106	2018	The syllabus has been mentioned in the concernd sem (1 & II)
	M.Sc Geology	Geo224	Human Values and Professional Ethics	GEO-106	2018	The syllabus has been mentioned in the concernd sem (1 & II)
	M.Sc Geology	224	Human Values and Professional Ethics	GEO-106	2018	The syllabus has been mentioned in the concernd sem (1 & II)
	M.Sc Geology	224	Human Values and Professional Ethics	GEO-106	2018	The syllabus has been mentioned in the concernd sem (1 & II)

Homescience (homescience)						
Home science (food science nutrition and dietethics)	M Sc Food Science Nutrition and Dietetics	230	Human Values and Professional Ethics-I	FSND 108	2017	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.
	M Sc Food Science Nutrition and Dietetics	230	Human Values and Professional Ethics-II	FSND 208	2017	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.
						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.
	M Sc Food Science Nutrition and Dietetics		Food Product Development	FSND 402	2017	Ethics and Intellectual property/ Patents in food product
Homescience (human development and child welfare)		232				
	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-I	EMCT107	2017	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.

Home Science(Extension management & communication Technology)	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-II	EMCT 208	2017	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.
						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.
Home Science(Food Technology)	MS Food Technology	254	Human Values and Professional Ethics - I	FT-105	2017	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.
	MS Food Technology	254	Human Values and Professional Ethics - II	FT-205	2017	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.
						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.

	MS Food Technology	254	Food Product Development and Marketing	FT-402	2017	The professional ethics in production and commercialization of food products and intellectual property rights in new food product development
Mathematics	M.Sc. Mathematics/Applied Mathematics	236/238	Discrete Mathematics	MA /AM 304 D	2017	Any job is deals with ideas data and information
	M.Sc. Mathematics/Applied Mathematics	236/238	Cryptography	MA /AM 304 B	2017	Confident includes case of communicably
	M.Sc. Mathematics/Applied Mathematics	236/238	Algebraic Coding theory	MA/AM 404 C	2017	Subside information inside trading
	M.Sc. Mathematics/Applied Mathematics	236/238	Fuzzy sets and Fuzzy logic	MA /AM 304	2017	Accountability & probability the most directly relavent
Microbiology		270				
Physics	Physics	242	Human values & Professional Ethics-I	PHY 106	2017	Definition and Nature of Ethics, Nature of Values, Individual and Society, Bhagavd Gita and Crime and Theories of Punishment
Psychology		246				
Statistics		248				
Virology	M.Sc Virology	272 VIR	Human values & Profession ethics I	VR-106	2017-2021	Human Behavior, Attitude, good vs Bad
Zoology	M.Sc. Zoology	260	Human values and Professional Ethics -I	ZOO-106	2017	To develop the values among student community
	M.Sc. Zoology	260	Human values and Professional Ethics -II	ZOO-206	2017	To develop the values among student community
Animal biotechnology	Animal Biotechnology	269	Human values and Professional Ethics -I	ABT-EF-106	2017	Probe into proving definition and Nature Ethics in depth through suitable illustrations and examples.
						Fundamentals on professional Ethics on varied aspects
SVU COLLEGE OF CMCS						
Computer science (MCA)	MCA	63	Human Values and Professional Ethics	MCA 106	2017	1. Making engineering and technology students aware of the various issues concerning man and society.
						2. These issues will help to sensitize students to be broader towards the social, cultural, economic and human issues, involved in social changes v Able to understand the nature of the individual and the relationship between the self and the community.

						3. Understanding major ideas, values, beliefs, and experiences that have shaped human history and cultures.
SVU COLLEGE OF PHARMACY						
B.Pharmacy	BACHELOR OF PHARMACY		B.Pharmacy	BPH	2017	BP505T.FORENSIC PHARMACY
						This subject is designed to impart basic knowledge on important legislations related to the profession of pharmacy in India.Upon completion of the course, the student shall be able to understand thePharmaceutical legislations and their implications in the development,marketing of pharmaceuticals,Various Indian pharmaceutical Acts and Laws,
						The regulatory authorities and agencies governing the manufacture and sale of
						pharmaceuticals,The code of ethics during the pharmaceutical practice
M.Pharmacy	MASTER OF PHARMACY		M.Pharmacy	MPH	2017	MPH 106 Human values and Professional Ethics -I
						Professions, Nature of Values, Crime and Theories of punishment.
GENDER 2017-18						
Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
SVU COLLEGE OF ARTS						
	M.A. Women's Studies and Management	239	Gender Environment, Climate Change and Livelihood	SVUWS- 105A	2017-18	To create awareness on environment and livelihood of women
	M.A. Women's Studies and Management	239	Gender, Society and Power Relations	SVUWS- 105B	2017-18	To Provide Insight On Gender Disparities Within The Family, Economy, Education, Political And Legal Systems
	M.A. Women's Studies and Management	239	Gender and Media	SVUWS- 205B	2017-18	To enable the students to create alternative media with the gender perspective

Centre for Womens Studies	M.A. Women's Studies and Management	239	Gender Science and Technology	SVUWS- 301	2017-18	Mainstreaming Gender in Science and Technology
	M.A. Women's Studies and Management	239	Feminist Theories, Women Status and Empowerment	SVUWS- 304C	2017-18	To expose the students to various traditions of Feminist thought
	M.A. Women's Studies and Management	239	Gender Sensitization and Training	SVUWS- 305A	2017-18	Develops a clear and precise conceptual clarity on gender and leadership
	M.A. Women's Studies and Management	239	Gender Identity and Leadership	SVUWS- 305B	2017-18	To develop a clear and precise conceptual clarity on gender and leadership
	M.A. Women's Studies and Management	239	Gender perception	SVUWS- 402	2017-18	To impart the knowledge of gender perceptions in the depiction of news items
	M.A. Women's Studies and Management	239	Gender and Mass Communication	SVUWS- 405C	2017-18	To impart the knowledge of gender perceptions in Media
Econometrics		108				
Economics	M.A Economics	104	Women and Economic Development	405(a)	2017	To Achieve the Gender Equality
Sociology	MASO	134	Sociology of Gender	MASO-304 B	2017	-
SVU COLLEGE OF SCIENCES						
Home Science (home science)						
Home Science (food science nutrition and dietetics)	M Sc Food Science Nutrition and Dietetics	230	Essential of Food and Community Nutrition	FSND 107	2017	Nutrition Through Life Span – Infancy, Early and late childhood, Adolescence, Adulthood and Ageing – Nutritional requirements and Recommended Dietary Allowances (RDA)– Justification for special needs during periods of growth and development, pregnancy and lactation – significance of breast feeding.
Home science (Extension management and communication technology)	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Community Nutrition	EMCT 104A	2017	Nutrition Through Life Span – Infancy, Early and late childhood, Adolescence, Adulthood and Ageing – Nutritional requirements and Recommended Dietary Allowances (RDA)– Justification for special needs during periods of growth and development, pregnancy and lactation – significance of breast feeding.

Centre for Women Studies	M.A. Women's Studies and Management	239	Familial Values and Ethics	SVUWS- 206B	2017-18	To understand the family values and ethics
	M.A. Women's Studies and Management	239	Legal and Human Rights of Women	SVUWS- 404A	2017-18	To enhance their understanding on the constitutional guarantees, protective measures and enforcement agencies of human rights
	M.A. Women's Studies and Management	239	Reproductive health and Family Life Education	SVUWS- 404B	2017-18	Mainstreaming Gender in Science and Technology
Economics	M.A Economics	104	Human Values and professional ethics – 1 & 2.	106 & 206	2016-2017	To inculcate the Human values among the students
Law	LL.M.	154	Constitutional and Legal Order	3.1	2016	Introduced human values and professional ethics paper to inculcate good values and ethics among students
Library & Information Science	M.L.I.Sc.,	168	Human values and professional ethics	106	2016	Introduced human values and professional ethics paper to inculcate good values and ethics among students
Social Work	MASO	134	Human Values and Professional Ethics	MASO-107	2017	
	MASO	134	Human Values and Professional Ethics	MASO -207	2017	
SVU COLLEGE OF SCIENCES						
M.Sc. Biotechnology	M.Sc. Biotechnology	264	Human values and Professional ethics-I	105	2017	• Understand the importance of 'ethics', 'good and bad values', crime and punishment and religious tolerance. · Understand the importance of good character, conduct and values embedded in various religions
M.Sc. Botany	M.Sc. Botany	202	Human Values and Professional Ethics - I	Bot-104	2017-2018	1) To understand the moral values that ought to guide the profession, Resolve the moral issues in the profession.
						2) To justify the moral judgment concerning the profession.
						3) Intended to develop a set of beliefs, attitudes and habits should display concerning morality.

						4) To create an awareness on Ethics and Human Values.
						5) To inspire Moral and Social Values and Loyalty.
						6) To appreciate the rights of others.
						7) Discuss moral concept.
						8) Define historical periods of the term moral.
						9) Explain interaction between evolution of moral and social instruction.
						10) List the moral theories.
						11) Explain concept of ethics.
						12) Explain development process of ethics.
						13) Identify differences between moral and ethics.
						14) Debate interaction of ethics on profession.
						15) Talk about the unethical issues in work life.
						16)Talk about the ethic principles in different occupations.
Chemistry	Chemistry	206	Human values and professional ethics I	CHE 109	2017	Nature of ethics, values,individual and society, ethics in Bhagavatgita
	Chemistry	206	Human values and professional ethics II	CHE 209	2017	Value education, medical ethics, social ethics and environmental ethics
M.Sc., Environmental Science	M.Sc., Environmental Science	266	Human values and	ENV-106	2017	To develop the values among
	M.Sc., Environmental Science	266	Human values and Professional Ethics -II	ENV-206	2017	To develop the values among student community
M.Sc, Aquaculture	M.Sc, Aquaculture	267	Human Values and Professional Ethics – I	AQC 106	2017	To enhance the ethical values among students
	M.Sc, Aquaculture	267	Human Values and Professional Ethics – I	AQC 206	2017	To enhance the ethical values among students
GEOGRAPHY	GEOGRAPHY	228	Human Values and Professional Ethics- II	AUDIT COURSE	2017 and 2021	

Home Science	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-I	EMCT 107	2017	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.
	MS Food Technology	254	Human Values and Professional Ethics - I	FT-105	2017	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.
	MS Food Technology	254	Human Values and Professional Ethics - II	FT-205	2017	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients. 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.
	M Sc Food Science Nutrition and Dietetics	230	Human Values and Professional Ethics-I	FSND 107	2017	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, Good behavior and respect for elders, Character and Conduct.obligation, justice, responsibility and freedom.

	M.Sc Human Development and Child Welfare	232	Human Values and Professional Ethics –I	108	2017	
Mathematics	M.Sc. Mathematics	236	Algebra	MA 101	2017	It is an important life skill worth understand well
	M.Sc. Mathematics	236	Commutative Algebra	MA 101	2017	Analyze the information in the news. It also reinforces
	M.Sc. Mathematics	236	Banach Algebra	MA 101	2017	Opens up new areas of lifer problems
	M.Sc. Mathematics/Applied Mathematics	236/238	Mathematical Statistics	MA/AM 404 A	2017	To predict the values within business the media ,health wellness politics and many other fields.
	M.Sc. Mathematics/Applied Mathematics	236/238	Operations Research	MA/AM 104	2017	To make better employees & citizens.
Virology	M.Sc Virology	272	Human values & Profession ethics I	VR-106	2017-2021	Medical ethics environment business ethics
Zoology	M.Sc. Zoology	260	Human values and Professional Ethics -I	ZOO-106	2017	To develop the values among student community
	M.Sc. Zoology	260	Human values and Professional Ethics –II	ZOO-206	2017	To develop the values among student community
Animal Biotechnology	Animal Biotechnology	269	HUMAN VALUES AND PROFESSIONAL ETHICS – II	ABT-EF-206	2017	Application of Human values and professional Ethics in lives for better living. Value Education and concept of human values in depth through suitable examples
SVU COLLEGE OF CMCS						
Computer Science	MCA	262	Human Values and Professional Ethics	MCA 106	2016	1. Making engineering and technology students aware of the various issues concerning man and society. 2. These issues will help to sensitize students to be broader towards the social, cultural, economic and human issues, involved in social changes v Able to understand the nature of the individual and the relationship between the self and the community. 3. Understanding major ideas, values, beliefs, and experiences that have shaped human history and cultures.

	MCA	262	Leadership Values	MCA 206	2017	1. Core Leadership Competencies. 2. Personal Transformation and Mastery. 3. Organizational Leadership Capacity. 4. Community Leadership Capacity.
Computer Science	MSCS	262	Human Rights and Value Education	MSCS 205 CF	2016	1. Students will understand the importance of value based living. 2. Students will gain deeper understanding about the purpose of their life. 3. Students will understand and start applying the essential steps to become good leaders. 4. Students will emerge as responsible citizens with clear conviction to practice values and ethics in life. 5. Students will become value based professionals. Students will contribute in building a healthy nation

SVU COLLEGE OF PHARMACY

B.Pharmacy	BACHELOR OF PHARMACY	BPH	B.PHARMACY	BPH	2013	BPH: 102.
						ENGLISH & SOFT SKILLS
						This subject will prepare the young pharmacy student to interact effectively with
						doctors, nurses, dentists, physiotherapists and other health workers. At the end of this course the student will get the soft skills set to work cohesively with the team as a teamplayer and will add value to the pharmaceutical business.
M.Pharmacy	MASTER OF PHARMACY	280	M.PHARMACY	MPH	2008	MPH 206 HUMANVALUES & PROFESSIONAL ETHICS – II
						Value Education, Concept of Human Values, Caring for needy and elderly, Code of ethics for medical and Health care professionals, Social

						justice in health care, Ethical issues in genetic engineering
						and Ethical issues raised by new biological technology or knowledge.
						.
SVU COLLEGE OF ENGINEERING						
ECE	B.Tech	CE	Environmental Studies	CET01	2016	Introducing diverse components of environment and natural resources ecosystem and biodiversity and its conservation methods
ENVIRONMENT & SUSTAINABILITY 2017-18						
Name of the Department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
SVU COLLEGE OF ARTS						
Centre for Womens Studies	Centre for Womens Studies					
		SVUWS	Women Participation in Agriculture and Allied Sectors	SVUWS- 304D	2017	Reproductive Health and Family Life Education
Economics	Economics					
		104	Economics of Environment	303	2017	To aware the students about the Environment Conditions
Education	Education					
		299	Environmental Education	304-C	2017	
		299	Environmental concern in Secondary Education	403	2017	
Library Science	LL.M.	154	Constitutional and Legal Order	3.4 (a)	2017	The concept of Environmental Laws in relating to EPA act 1986
SVU COLLEGE OF SCIENCES						
						1. To understand the geographical distribution of organisms.
						2. To know the inter-relationship between population and communities.
						3. To learn the management of natural resource and pollution.

	M.Sc. Botany	202	1)Plant Ecology	Bot-201	2017	4. Students will know about the factors leading to environmental degradation and their impact. 5. Develop concern about the environment protection and conservation. 6. Evolve the relation between biotic and abiotic factors in an ecosystem.
	M.Sc. Botany	202	2)Biodiversity and Conservation	Bot-302	2017	1. To create awareness in the biodiversity on Earth. 2. To create interest in identifying the available resources in the world. 3. To inculcate interest to conserve the natural resources on the Earth. 4. Students achieve knowledge on variations in living organisms. 5. They can also know the availability of natural resources on Earth. 6. Once they know the degradation of biodiversity, they will contribute to the protection of nature (Plants/Animals/Minerals/Air/Water).
						1. To impart basic knowledge and develop skills about propagating different types of plants by seed, cuttings, budding and grafting, separation, division, layering as well as micro-propagation. 2. Deals with soil science and fertility management for horticultural crops. 3. Study of Plant Propagation. 4. Deals with seed production technology of horticultural crops.

Botany	M.Sc. Botany	BOT		Bot-404	2017	5. Aware with the mechanism of Pest and Disease Management of Horticultural Crops. 6. Awareness created about general principles of fruits and vegetable preservation. 7. Bonsai making and maintenance. 8. Demonstrate a fundamental understanding of plant identification, selection, use and maintenance of plant material best suited for conventional and sustainable landscapes 9. Demonstrate a working knowledge and appreciation of the diversity of plants, their culture and utilization. 10. To impart basic knowledge and develop skills about propagating different types of plants by seed, cuttings, budding and grafting, separation, division, layering as well as micro-propagation. 11. Recognize and apply ethical professional practices to horticultural Crops. 12. Apply horticultural principles to the successful growth and production of horticultural plants. 13. Demonstrate technical competence in their concentration by identifying the majority of globally important food, and/or ornamental plants and demonstrating applications of theoretical sciences to their production, maintenance and post-harvest handling.
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						14. Demonstrate an understanding of the composition, fertility and biology of soil and how they relate to good plant growth. 15. Identify and prescribe sustainable options in horticulture that benefit the environment while maintaining productivity and economic viability. 16. Identify common biotic and abiotic plant pests and disorders and develop strategies to manage them in an environmentally safe and sustainable manner.
Biotechnology	Biotechnology	264	Environmental Biotechnology	401	2017	· Learn the relation between biotic and abiotic factors in different ecosystem models and predict how changes in free energy availability affect ecosystems. · Appreciate the role of microorganisms in biodegradation and pollution detection · Develop skill on large scale production and applications of bio pesticides and bio fertilizers in agriculture · Apply knowledge on solid waste management and reclamation of waste water
		264	Plant Biotechnology	402	2017	1. Develop skill in production of transgenic plants resistant to biotic and abiotic stress 2. Apply knowledge for industrial production of plant metabolites 3. Cultivate the micro and macro algae of commercial importance on large scale 4. Identify different plant pathogens and apply biological control methods

Chemistry	Chemistry	206	Energy, environment and soils	CHE EC 401	2017	Sources of energy, water resources, green chemistry and soil pollution
		206	Water pollution monitoring and environment laws	CHE EC 402	2017	Water pollution, waste water treatment, biotechnology and its applications in environmental protection, environmental management and laws.
		206	Air pollution, control methods- Noise and thermal pollution	CHE EC 403a	2017	Sources of Air pollution, control methods, Noise and thermal pollution
M.Sc., Environmental Science	M.Sc., Environmental Science	266	Energy and Environment	ENV-201	2017	To develop energy production practices among the student community
		266	Natural Conservation Resources	ENV-306 A	2017	Introduce the importance of natural resources and its management for future generations among the student community
		266	Disaster Mitigation and Management	ENV-305 A	2017	To understand capacity to obtain, analyze and communicate information on risks and relief needs among the student community
		266	Environmental Management and Sustainable Development	ENV-305 C	2017	Provide skills and an improved understanding of how firms and organisations work with sustainability issues among the student community
M.Sc, Aquaculture	M.Sc, Aquaculture	267	Concepts of Aquatic Ecology	AQC 101	2017	To enhance the eco – friendly practices
35	MSc, Geography	228	Climatology	GEG 201	2017	Import the environmental awareness and measures to be adopted for protection so as to obtain sustainable development
		228	Urban Geography	GEG – 301	2017	
		228	Geographical Information System (GIS)	GEG – 302	2017	
		228	Disaster Management Studies	GEG – 303(C)	2017	
		228	Regional Planning	GEG – 401	2017	
		228	Advanced Remote Sensing	GEG – 402	2017	
		228	Water and Soil Resources Management	GEG – 403(A)	2017	
		228	Research in Geographical Studies	GEG – 403(C)	2017	
		228	Remote Sensing Applications	GEG = 404	2017	

		228	Research Methodology	GEG- RS1	2017	
		228	Focusing on National level geospatial techniques application for environment and sustainable development	GEG- RS1	2017	
36	M.Sc. Geology	224	Environmental Geology & Natural Hazards (IV Sem)	GEO-406	1959	The description has been mentioned in the syllabus
37	Home Science					
	MS Food Technology	254	Disaster Management	FT-405B	2017	
	M.SC. Extension Management and Communication Technology	232	Science & Technology for Rural Women	EMCT403 B	2017	Students will learn about the Science and Technology for rural development; Energy saving devices-application of solar energy; bio-gas etc., application of Science and Technology in Home science, safe water supply methods suitable for rural areas; health-hygiene and environmental sanitation. agencies involved in research and application of Science and Technology
		232	Disaster management	EMCT406 B	2017	Students will get an insight about natural disasters: manmade disasters; chemical hazards; National and International strategies to mitigate disaster management., global warming etc)efforts made by the NGOs, & Community based organizations and local administration in disaster management

		232	Environmental Management	EMCT405-C	2020	Students will get the knowledge about the life and the environment; physical -chemical factors in the environment; changes in the environment; eco-system-earth, methods of waste management; women and environment government and non-governmental agencies in promoting better health, factors affecting changes in ecosystem and environment
38	M.Sc. Applied Mathematics	236	Fluid Dynamics	AM 402	2017	Able to design and develop mathematical experiments to solve environment problems like global pollution, aerosol particles weather and virus in atmosphere.
		236/238	Bio-Mechanics	MA/AM 405 B	2017	Investigate and apply mathematical problems and
		236/238	Human Values and Professional Ethics-I	MA/AM 106	2017	Imbibe high standards in life by understanding the values and
		236/238	Mathematical Statistics	MA/AM 404 A	2017	To interpret the data like dosage of medicine, nutritious food to
		238	Continuum Mechanics	AM 301	2017	Explore the emerging areas of science and engineering like Nonlinear dynamic, computational mathematics
		238	Mathematical Modeling	MA 201	2017	Plan, analyze and investigate engineering problems using contemporary design and simulation tools
44	M.Sc. Zoology	260	Environmental Biology	ZOO-302	2017	Create an awareness on environment among student community
		260	Toxicology	ZOO-301	2017	Create an awareness on toxic substances in the environment
	Animal Biotechnology	269	Human Values & Professional Ethics-II	ABT-EF-206	2017	the role of ethical values in Environment
SVU COLLEGE OF CMCS						
	Computer Science					

Computer Science	MCA	262	Technical Communication and Computer Ethics	MCA 305	2017	1. Use ethical reasoning to make informed and principled choices and be familiar with a range of other ethical issues raised by modern information technology and relevant to computer professionals. 2. Communicate effectively through writing, speaking, and interpersonal and group interactions. 3. Recognize milestones in computing, networking, and information storage and retrieval. 4. Be familiar with the language and content of ethical discourse. 5. Understand modern debates surrounding intellectual property and appreciate the threats to privacy posed by modern information gathering techniques.
	MSCS	262	Environmental Studies	MSCS105 CF	2016	1. Understand key concepts from economic, political, and 2. Appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving. 3. Appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems. 4. Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.
SVU COLLEGE OF PHARMACY						
	Pharmacy					

Pharmacy	B.Pharmacy	BPH	B.PHARMACY	BPH	2013	BPH 205: ENVIRONMENTAL STUDIES
						Upon completion of the course the student shall be able to:
						Create the awareness about environmental problems among learners ,Impart basic knowledge about the environment and its allied problems, Develop an attitude of concern for the environment, Motivate learner to participate in environment protection and environment
						improvement, Acquire skills to help the concerned individuals in identifying and solving environmental problem, Strive to attain harmony with Nature.
	M.Pharmacy	280	M.PHARMACY	MPH	2008	MPH 202B PROCESS VALIDATION & CGMP
						cGMP/GLP. ISO 9000 series. Quality audits, Process validation in production of pharmaceuticals, export registration.
SVU COLLEGE OF ENGINEERING						
Chemical Engineering	B.TECH		INDUSTRIAL WASTE WATER TREATMENT	CHPET04	2006	
EEE	B.Tech	EEE	Environmental Studies	CET01	2016	
			Generation of Electric power	EET05	2017	

Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
PROFESSIONAL ETHICS 2018-19						
SVU COLLEGE OF ARTS						
Ancient Indian History,Cultural Archeology	AIHC&A-106	114	Human Values and Professional Ethics-I.	AIHC&A-106	2018	1. 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. 2.They inspire the fundamental goodness of human beings and society at large.
	AIHC&A-205	114	Human Values and Professional Ethics-II	AIHC&A-205	2018	1.They inspire the fundamental goodness of human beings and society at large.
Centre for women studies	M.A. Women's Studies and Management	239	Entrepreneurship Management and Development	SVUWS- 103	2017-18	The course enables students to inculcate business ethics.
	M.A. Women's Studies and Management	239	Human Values and Professional Ethics I&II	SVUWS- 106	2017-18&2020-21&2021-22	Ethics- Its relation to Religion, Politics, Business, Legal, Medical and Environment
	M.A. Women's Studies and Management	239	Social work Initiatives for Women's Development	SVUWS- 205	2017-18	Imparts the Social ethics to students.
	M.A. Women's Studies and Management	239	Accounting and Financial Management, Tally	SVUWS- 403	2017-18	Provides ethics in Business and Accounting
Education	M.Ed		Human Values and Professional Ethics-II	404-A	2018	
Human Rights and Social Development	Human Rights and Duties	161	Human Values and Professional Ethics-I.	HR -106	2018	1.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. 2. They inspire the fundamental goodness of human beings and society at large.
	HR -205	161	Human Values and Professional Ethics-II	HR -205	2018	1.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. 2. They inspire the fundamental goodness of human beings and society at large.
Population Studies(M.A population studies	M.A	126	Population studies and Master of social work	126 & 127	2018	A separate paper on Human values and professional ethics will be taught in I & II semesters

SVU COLLEGE OF SCIENCES						
Botany	M.Sc. Botany	202	2. Plant Ecology	Bot-201	2017-2018	1) To understand the geographical distribution of organisms. 2) To know the inter-relationship between population and communities. 3) To learn the management of natural resource and pollution. 4) Students will know about the factors leading to environmental degradation and their impact. 5) Develop concern about the environment protection and conservation. 6) Evolve the relation between biotic and abiotic factors in an ecosystem.
	M.Sc. Botany	202	3. Human Values & Professional Ethics - I	Bot-104	2017-2018	1) To understand the moral values that ought to guide the profession, Resolve the moral issues in the profession. 2) To justify the moral judgment concerning the profession. 3) Intended to develop a set of beliefs, attitudes and habits should display concerning morality. 4) To create an awareness on Ethics and Human Values. 5) To inspire Moral and Social Values and Loyalty. 6) To appreciate the rights of others. 7) Discuss moral concept. 8) Define historical periods of the term moral. 9) Explain interaction between evolution of moral and social instruction. 10) List the moral theories. 11) Explain concept of ethics. 12) Explain development process of ethics. 13) Identify differences between moral and ethics. 14) Debate interaction of ethics on profession. 15) Talk about the unethical issues in work life. 16) Talk about the ethic principles in different occupations.
	M.Sc. Botany	202	4. Biodiversity and Conservation	Bot-302	2017-2018	1. To create awareness in the biodiversity on globe. 2. To create interest in identifying the available resources in the world. 3. To inculcate interest to conserve the natural resources on the Earth. 4. Students achieve knowledge on variations in living organisms. 5. They can also know the availability of natural resources on Earth. 6. Once they know the degradation of biodiversity, they will contribute to the protection of nature (Plants/Animals/Minerals/Air/Water).
	M.Sc. Biotechnology	264	Human values and	106	2018	1. Apply knowledge of professional ethics and correlate the concepts in addressing the ethical issues outside the class room.

Biotechnology	M.Sc. Biotechnology	207	Professional ethics-II	100	2018	2. Demonstrate knowledge of ethical values in non-class room activities, internships and field work and resolve the moral issues
	M.Sc. Biotechnology	264	Bioethics	306b	2018	The student will be able to
						1. Acquire the knowledge on IPR and procedures for patent filing
						2. Understand the Legal and Ethical aspects of gene therapy - cloning - Manipulation of human genome -Technology transfer.
						3. Learn role of Government, Industries and society in promoting, accepting and regulating the rDNA research
						4. Develop understanding on Environmental and Health aspects of Biotechnology
	M.Sc. Biotechnology	264	Human values and Professional ethics-I	106	2018	
		264	Bioethics	306b	2018	
Chemistry(Analytical Chemistry)	M.Sc. Biotechnology	264	Human values and Professional ethics-I	106	2018	
		264	Bioethics	306b	2018	
Environmental sciences	M.Sc. Biotechnology	264	Human values and Professional ethics-I	106	2018	
		264	Human values and Professional ethics-II	206	2018	
		264	Bioethics	306b	2018	
		264	Bioethics	306b	2018	
Chemistry(Analytical Chemistry)	Chemistry	208	Human values and professional ethics I	CHE 109	2018	Nature of ethics, values, individual and society, ethics in Bhagavatgita
	Chemistry	208	Human values and professional ethics II	CHE 209	2018	Value education, medical ethics, social ethics and environmental ethics
Environmental sciences	M.Sc., Environmental Science	266	Human values and Professional Ethics -I	ENV-106	2018	To develop the values among student community
	M.Sc., Environmental Science	266	Human values and Professional Ethics -II	ENV-206	2018	To develop the values among student community
Geography	GEOGRAPHY	228	Human Values and Professional Ethics- I	AUDIT COURSE	2017 and 2021	
Geology	M.Sc Geology	Geo224	Human Values and Professional Ethics	GEO-106	2018	The syllabus has been mentioned in the concernd sem (1 & II)
	M.Sc Geology	Geo224	Human Values and Professional Ethics	GEO-106	2018	The syllabus has been mentioned in the concernd sem (1 & II)
	M.Sc Geology	224	Human Values and Professional Ethics	GEO-106	2018	The syllabus has been mentioned in the concernd sem (1 & II)
	M.Sc Geology	224	Human Values and Professional Ethics	GEO-106	2018	The syllabus has been mentioned in the concernd sem (1 & II)
Home Science(Home science)						
Home Science(Food science Nutrition & dietitics)	M Sc Food Science Nutrition and Dietetics	230	Human Values and Professional Ethics-I	FSND 108	2018	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.
	M Sc Food Science Nutrition and	230	Human Values and Professional Ethics-II	FSND 208	2018	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.

	Dietetics					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.
	M Sc Food Science Nutrition and		Food Product Development	FSND 402	2018	Ethics and Intellectual property/ Patents in food product development.
Home Science(human development & child welfare)		232				
Home Science(Extension management & Communication Technology)	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-I	EMCT107	2018	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.
	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-II	EMCT 208	2018	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients. 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.
	MS Food Technology	254	Human Values and Professional Ethics - I	FT-105	2018	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.
	MS Food Technology	254	Human Values and Professional Ethics - II	FT-205	2018 2018 2018	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients. 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.
Home Science (food Technology)	MS Food Technology	254	Food Product Development and Marketing	FT-402	2018	The professional ethics in production and commercialization of food products and intellectual property rights in new food product development
Mathematics	M.Sc. Mathematics/Applied Mathematics	236/238	Discrete Mathematics	MA /AM 304 D	2018	Any job is deals with ideas data and information
	M.Sc. Mathematics/Applied Mathematics	236/238	Cryptography	MA /AM 304 B	2018	Confident includes case of communicably
	M.Sc. Mathematics/Applied Mathematics	236/238	Algebraic Coding theory	MA/AM 404 C	2018	Subside information inside trading

B.Tech			Engineering ethics	CHHST704	2018	Understand various social issues, industrial standards, code of ethics and role of professional ethics in engineering field.
Mechanical Engineering						
B.TECH		1-1422777022	Professional Ethics	FEC01	2018	Understand various social issues, industrial standards, code of ethics and role of professional ethics in engineering field.
GENDER 2018-19						
Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
SVU COLLEGE OF ARTS						
Centre for Womens Studies	M.A. Women's Studies and Management	239	Gender Environment, Climate Change and Livelihood	SVUWS- 105A	2018	To create awareness on environment and livelihood of women
	M.A. Women's Studies and Management	239	Gender, Society and Power Relations	SVUWS- 105B	2018	To Provide Insight On Gender Disparities Within The Family, Economy, Education, Political And Legal Systems
	M.A. Women's Studies and Management	239	Gender and Media	SVUWS- 205B	2018	To enable the students to create alternative media with the gender perspective
	M.A. Women's Studies and Management	239	Gender Science and Technology	SVUWS- 301	2018	Mainstreaming Gender in Science and Technology
	M.A. Women's Studies and Management	239	Feminist Theories, Women Status and Empowerment	SVUWS- 304C	2018	To expose the students to various traditions of Feminist thought
	M.A. Women's Studies and Management	239	Gender Sensitization and Training	SVUWS- 305A	2018	Develops a clear and precise conceptual clarity on gender and leadership
	M.A. Women's Studies and Management	239	Gender Identity and Leadership	SVUWS- 305B	2018	To develop a clear and precise conceptual clarity on gender and leadership
	M.A. Women's Studies and Management	239	Gender perception	SVUWS- 402	2018	To impart the knowledge of gender perceptions in the depiction of news items
	M.A. Women's Studies and Management	239	Gender and Mass Communication	SVUWS- 405C	2018	To impart the knowledge of gender perceptions in Media
SVU COLLEGE OF SCIENCES						
Home science(Extension management &	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Community Nutrition	EMCT 104A	2018	Nutrition Through Life Span – Infancy, Early and late childhood, Adolescence, Adulthood and Ageing – Nutritional requirements and Recommended Dietary Allowances (RDA)– Justification for special needs during periods of growth and development, pregnancy and lactation – significance of breast feeding.

communication technology	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Nutrition during life span	EMCT 104B	2018	Nutritional requirements for adult man and woman. Nutritional concerns, RDA, nutritional guidelines and work efficiency. Physiological changes in aging, effects of aging on nutritional health.
SVU COLLEGE OF PHARMACY						
B.Pharmacy	BACHELOR OF PHARMACY		B.PHARMACY	BPH	2018	BPH:404 BIOPHARMACEUTICS & PHARMACOKINETICS This subject is designed to impart knowledge and skills of Biopharmaceutics and pharmacokinetics and their applications in pharmaceutical development, design of dose and dosage regimen and in solving the problems raised therein.
HUMAN VALUES 2018-19						
Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
SVU COLLEGE OF SCIENCES						
Botany	M.Sc. Botany	202	Human Values and Professional Ethics -II	Bot-204	2018-2019	1) To know the students value of education and self respect, family values.
						2) To know the student medical ethics, buying ethics and environmental ethics.
Geology	M.Sc Geology	224	Human Values and Professional Ethics	GEO-106	2018	The description has been mentioned in the syllabus
	M.Sc Geology	224	Human Values and Professional Ethics	GEO-106	2018	The description has been mentioned in the syllabus
Home Science	M.SC. EXTENSION MANAGEMENT AND COMMUNICATIO N TECHNOLOGY	234	Human Values and Professional Ethics-I	EMCT 107	2017	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.
	MS Food Technology	254	Human Values and Professional Ethics - I	FT-105	2017	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.

	MS Food Technology	254	Human Values and Professional Ethics - II	FT-205	2017	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients. 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.
	M.Sc Human Development and Child Welfare	232	Human Values and Professional Ethics –I	108	2017	
SVU COLLEGE OF PHARMACY						
Pharmacy	M. Pharmacy					
						justice in health care, Ethical issues in genetic engineering
						and Ethical issues raised by new biological technology or knowledge.
SVU COLLEGE OF ENGINEERING						
Chemical Engineering	B.Tech		ETICHS	CHHAT704	2018	SAFETY AND RESPONSIBILITY AND RIGHTS AND GLOBAL ISSUES AND AWARENESS
	B.Tech	CE	Environmental Engineering-I	CET12	2018	Estimate the water demand of any area and water conveyance systems
			Air Pollution And Control	CET17-E4	2018	To monitor global effects, measures in the protection of environment, advanced concepts of air quality management to design, analyze and develop technologies.
			Noise Pollution And Control	CET17-E6	2018	To communicate the sources of noise pollution, professional and ethical responsibilities of an environmental engineer in controlling noise pollution
			Environmental Engineering Laboratory	CEP06	2018	Capable of performing common environmental experiments and analyze the test results relating to water quality and wastewater characteristics
ENVIRONMENT & SUSTAINABILITY 2018-19						
Name of the Department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
SVU COLLEGE OF SCIENCE						
M.Sc. Biotechnology	M.Sc. Biotechnology	264	Environmental Biotechnology	401	2017	
Environmental Sciences	M.Sc.,	266	Energy and Environment	ENV-201	2018	To develop energy production practices among the student community
	Environmental					

	M.Sc., Environmental Science	266	Natural Resources Conservation	ENV-306 A	2018	Introduce the importance of natural resources and its management for future generations among the student community
	M.Sc., Environmental Science	266	Disaster Mitigation and Management	ENV-405 A	2018	To understand capacity to obtain, analyze and communicate information on risks and relief needs among the student community
	M.Sc., Environmental Science	266	Environmental Management and Sustainable Development	ENV-406 B	2018	Provide skills and an improved understanding of how firms and organisations work with sustainability issues among the student community
36	Geology					
	M.Sc. Geology	224	Environmental Geology & Natural Hazards (IV Sem)	GEO-406	1959	The description has been mentioned in the syllabus
Home Science	MS Food Technology					
	MS Food Technology	254	Disaster Management	FT-405B	2017	
	. Extension Management and Communication Technology					
	M.SC. Extension Management and Communication Technology	234	Science & Technology for Rural Women	EMCT403 B	2017	Students will learn about the Science and Technology for rural development; Energy saving devices-application of solar energy; bio-gas etc.,
						application of Science and Technology in Home science, safe water supply methods suitable for rural areas; health- hygiene and environmental sanitation.
						,agencies involved in research and application of Science and Technology
	M.SC. Extension Management and Communication Technology	234	Disaster management	EMCT406 B	2017	Students will get an insight about natural disasters: manmade disasters; chemical hazards; National and International strategies to mitigate disaster management., global warming etc)efforts made by the NGOs, & Community based organizations and local administration in disaster management
	M.SC. Extension Management and Communication Technology	234	Environmental Management	EMCT405-C	2020	Students will get the knowledge about the life and the environment; physical -chemical factors in the environment; changes in the environment; eco-system- earth, methods of waste management; women and environment government and non-governmental agencies in promoting better health, factors affecting changes in ecosystem and environment
M.Sc. Zoology	M.Sc. Zoology	260	Environmental Biology	ZOO-302	2018	Create an awareness on environment among student community
	M.Sc. Zoology	260	Toxicology	ZOO-402	2018	
Animal Biotechnology	Animal Biotechnology	269	HUMAN VALUES AND PROFESSIONAL ETHICS – II	ABT-EF-206	2017	the role of ethical values in Environment

SVU COLLEGE OF PHARMACY						
Pharmacy	BACHELOR OF PHARMACY	BPH	B.PHARMACY	BPH	2013	BPH 205: ENVIRONMENTAL STUDIES
						Upon completion of the course the student shall be able to:
						Create the awareness about environmental problems among learners ,Impart basic knowledge about the environment and its allied problems, Develop an attitude of concern for the environment, Motivate learner to participate in environment protection and environment
						improvement, Acquire skills to help the concerned individuals in identifying and solving environmental problem, Strive to attain harmony with Nature.
	M.Pharmacy					
	MASTER OF PHARMACY	280	M.PHARMACY	MPH	2008	MPH 202B PROCESS VALIDATION & CGMP
						cGMP/GLP. ISO 9000 series. Quality
						audits, Process validation in production of pharmaceuticals, export registration.
SVU COLLEGE OF ENGINEERING						
MECHANICAL	B.TECH	1-1422777022	Environmental Science	CEMCT207	2018	Able to understand the importance of the environment

Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
PROFESSIONAL ETHICS 2019-20						
SVU COLLEGE OF ARTS						
Ancient Indian History,Cultural Archeology	AIHC&A-106	114	Human Values and Professional Ethics-I.	AIHC&A-106	2019	1. 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. 2.They inspire the fundamental goodness of human beings and society at large.
	AIHC&A-205	114	Human Values and Professional Ethics-II	AIHC&A-205	2019	1.They inspire the fundamental goodness of human beings and society at large.
Centre for women studies	M.A. Women's Studies and Management	239	Human Values and Professional Ethics I&II	SVUWS- 106	2017-18&2020-21&2021-22	Ethics- Its relation to Religion, Politics, Business, Legal, Medical and Environment
Education	M.Ed		Human Values and Professional Ethics-II	404-A	2019	
SVU COLLEGE OF SCIENCES						
						2. Describe about herbs or natural origin drugs as raw materials for preparation of cosmetics, excipients, conventional herbal formulation and novel dosage forms like phytosomes.
						3. Explain method for identification and authentication of herbal drugs.
						4. To be familiar with the modern extraction techniques, characterization and identification of the herbal drugs and phytoconstituents.
						5. To carryout isolation and identification of phytoconstituents.
						6. The pharmaceutical legislations and their implications in the development and marketing.
						7. Acquire an understanding of the importance of plants in tribal lives.

Botany					8. Describe rules and regulation for assessment of herbal drugs, patenting of natural products and manufacture of herbal formulations based on traditional medicinal system.
	M.Sc. Botany	202	1. Plants and Human Welfare	Bot-307	2019-2020
	M.Sc. Biotechnology	264	Human values and Professional ethics-II	106	2019
					1. Apply knowledge of professional ethics and correlate the concepts in addressing the ethical issues outside the class room.
					2. Demonstrate knowledge of ethical values in non-class room activities, internships and field work and resolve the moral issues
					The student will be able to
					1. Acquire the knowledge on IPR and procedures for patent filing

Biotechnology	M.Sc. Biotechnology	264	Bioethics	306b	2019	2. Understand the Legal and Ethical aspects of gene therapy - cloning - Manipulation of human genome - Technology transfer.
						3. Learn role of Government, Industries and society in promoting, accepting and regulating the rDNA research
						4. Develop understanding on Environmental and Health aspects of Biotechnology
	M.Sc. Biotechnology	264	Human values and Professional ethics-I	106	2019	
		264	Human values and Professional ethics-II	206	2019	
		264	Bioethics	306b	2019	
	M.Sc. Biotechnology	264	Human values and Professional ethics-I	106	2019	
		264	Human values and Professional ethics-II	206	2019	
		264	Bioethics	306b	2019	
Chemistry (Analytical Chemistry)	Chemistry	208	Human values and professional ethics I	CHE 109	2019	Nature of ethics, values, individual and society, ethics in Bhagavatgita
	Chemistry	208	Human values and professional ethics II	CHE 209	2019	Value education, medical ethics, social ethics and environmental ethics
Environmental Sciences	M.Sc., Environmental Science	266	Human values and Professional Ethics -I	ENV-106	2019	To develop the values among student community
	M.Sc., Environmental Science	266	Human values and Professional Ethics -II	ENV-206	2019	To develop the values among student community
Geography	GEOGRAPHY	228	Human Values and Professional Ethics- I	AUDIT COURSE	2017 and 2021	
Geology	M.Sc Geology	Geo224	Human Values and Professional Ethics	GEO-106	2019	The syllabus has been mentioned in the concernd sem (1 & II)
	M.Sc Geology	224	Human Values and Professional Ethics	GEO-106	2019	The syllabus has been mentioned in the concernd sem (1 & II)
	M.Sc Geology	224	Human Values and Professional Ethics	GEO-106	2019	The syllabus has been mentioned in the concernd sem (1 & II)
Home Science (Home Science)						
	M Sc Food Science Nutrition and	220	Human Values and	FSND 107	2019	Definition and Nature of Ethics- Its relation to Religion, Politics, Business, Legal, Medical and Environment.

Home Science(Food Science Nutrition & Dietetics)	Nutrition and Dietetics	230	Professional Ethics-I	FSND 107	2019	Need and Importance of Professional Ethics - Goals - Ethical Values in various Professions.
	M Sc Food Science Nutrition and Dietetics	230	Human Values and Professional Ethics-II	FSND	2019	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.
						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.
	M Sc Food Science Nutrition and	230	Food Product Development	FSND 402	2019	Ethics and Intellectual property/ Patents in food product development.
Home Science(Extension Management&Communication technology	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-I	EMCT107	2019	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.
	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-II	EMCT 208	2019	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.
						Business ethics- Ethical standards of business-Immoral and illegal practices and their solutions.
	MS Food Technology	254	Human Values and	ET-105	2019	Characteristics of ethical problems in management, ethical theories, causes of unethical behavior, ethical abuses and work ethics.
						Definition and Nature of Ethics- Its relation to Religion, Politics, Business, Legal, Medical and Environment.

Home Science (Food Technology)	MS Food Technology	254	Professional Ethics - I	FT-105	2019	Need and Importance of Professional Ethics - Goals - Ethical Values in various Professions.
	MS Food Technology	254	Human Values and Professional Ethics - II	FT-205	2019	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.
						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.
	MS Food Technology	254	Food Product Development and Marketing	FT-402	2019	The professional ethics in production and commercialization of food products and intellectual property rights in new food product development
Mathematics	M.Sc. Mathematics/Applied Mathematics	236/238	Discrete Mathematics	MA /AM 304 D	2019	Any job is deals with ideas data and information
	M.Sc. Mathematics/Applied Mathematics	236/238	Cryptography	MA /AM 304 B	2019	Confident includes case of communicably
	M.Sc. Mathematics/Applied Mathematics	236/238	Algebraic Coding theory	MA/AM 404 C	2019	Subside information inside trading
	M.Sc. Mathematics/Applied Mathematics	236/238	Fuzzy sets and Fuzzy logic	MA /AM 304	2019	Accountability & probability the most directly relavent
Microbiology		270				
Physics	Physics	242	Human values & Professional Ethics-I	PHY 106	2019	Definition and Nature of Ethics, Nature of Values, Individual and Society, Bhagavd Gita and Crime and Theories of Punishment
Virology	M.Sc Virology	272 VIR	Human values & Profession ethics I	VR-106	2017-2021	Human Behavior, Attitude, good vs Bad
Zoology	M.Sc. Zoology	260	Human values and Professional Ethics -I	ZOO-106	2019	To develop the values among student community

	M.Sc. Zoology	260	Human values and Professional Ethics -II	ZOO-206	2019	To develop the values among student community
Animal biotechnology	Animal Biotechnology	269	HUMAN VALUES AND PROFESSIONAL ETHICS – I	ABT-EF-106	2019	Probe into proving definition and Nature Ethics in depth through suitable illustrations and examples.
						Fundamentals on professional Ethics on varied aspects
SVU COLLEGE OF CMCS						
Computer science (MCA)	MCA	63	Human Values and Professional Ethics	MCA 106	2019	1. Making engineering and technology students aware of the various issues concerning man and society.
						2. These issues will help to sensitize students to be broader towards the social, cultural, economic and human issues, involved in social changes v Able to understand the nature of the individual and the relationship between the self and the community.
						3. Understanding major ideas, values, beliefs, and experiences that have shaped human history and cultures.
SVU COLLEGE OF PHARMACY						
B.Pharmacy	BACHELOR OF PHARMACY		B.PHARMACY	BPH	2019	BP505T.FORENSIC PHARMACY
						The regulatory authorities and agencies governing the manufacture and sale of
						pharmaceuticals,The code of ethics during the pharmaceutical practice
						Definition and Nature of Ethics.Need and Importance of Professional Ethics Goals-Ethical Values in various Professions, Nature of Values, Crime and Theories of punishment.
SVU COLLEGE OF ENGINEERING						
ECE						
B.Tech	CE		Professional Ethics	CET29	2019	Can Understand the legal and practical aspects of engineering profession.

GENDER 2019-20						
Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
SVU COLLEGE OF ARTS						
Centre for Womens Studies	M.A. Women's Studies and Management	239	Gender Environment, Climate Change and Livelihood	SVUWS- 105A	2019	To create awareness on environment and livelihood of women
	M.A. Women's Studies and Management	239	Gender, Society and Power Relations	SVUWS- 105B	2019	To Provide Insight On Gender Disparities Within The Family, Economy, Education, Political And Legal Systems
	M.A. Women's Studies and Management	239	Gender and Media	SVUWS- 205B	2019	To enable the students to create alternative media with the gender perspective
	M.A. Women's Studies and Management	239	Gender Science and Technology	SVUWS- 301	2019	Mainstreaming Gender in Science and Technology
	M.A. Women's Studies and Management	239	Feminist Theories, Women Status and Empowerment	SVUWS- 304C	2019	To expose the students to various traditions of Feminist thought
	M.A. Women's Studies and Management	239	Gender Sensitization and Training	SVUWS- 305A	2019	Develops a clear and precise conceptual clarity on gender and leadership
	M.A. Women's Studies and Management	239	Gender Identity and Leadership	SVUWS- 305B	2019	To develop a clear and precise conceptual clarity on gender and leadership
	M.A. Women's Studies and Management	239	Gender perception	SVUWS- 402	2019	To impart the knowledge of gender perceptions in the depiction of news items
	M.A. Women's Studies and Management	239	Gender and Mass Communication	SVUWS- 405C	2019	To impart the knowledge of gender perceptions in Media
Econometrics		108				
Economics	M.A Economics	104	Women and Economic Development	405(a)	2019	To Achieve the Gender Equality
Sociology	MASO	134	Sociology of Gender	MASO-304 B	2019	-
SVU COLLEGE OF SCIENCES						

Home Science (food science nutrition and dietitics)	M Sc Food Science Nutrition and Dietetics	230	Community Nutrition	FSND 104A	2019	Nutrition Through Life Span – Infancy, Early and late childhood, Adolescence, Adulthood and Ageing – Nutritional requirements and Recommended Dietary Allowances (RDA)– Justification for special needs during periods of growth and development, pregnancy and lactation – significance of breast feeding.
Home science(Extension management & communication technology	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Community Nutrition	EMCT 104A	2019	Nutrition Through Life Span – Infancy, Early and late childhood, Adolescence, Adulthood and Ageing – Nutritional requirements and Recommended Dietary Allowances (RDA)– Justification for special needs during periods of growth and development, pregnancy and lactation – significance of breast feeding.
	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Nutrition during life span	EMCT 104B	2019	Nutritional requirements for adult man and woman. Nutritional concerns, RDA, nutritional guidelines and work efficiency. Physiological changes in aging, effects of aging on nutritional health.
SVU COLLEGE OF PHARMACY						
B.Pharmacy	BACHELOR OF PHARMACY		B.PHARMACY	BPH	2019	802T SOCIAL AND PREVENTIVE PHARMACY
						After the successful completion of this course, the student shall be able to: Acquire high consciousness/realization of current issues related to health and pharmaceutical problems within the country and worldwide, Have a critical way of thinking based on current healthcare development,
						Evaluate alternative ways of solving problems related to health and pharmaceutical issues
SVU COLLEGE OF ENGINEERING						
B.Tech		CE	Managerial Economics	EOT01	2019	To estimate of cost production and supply analysis, Profit management with respect to goods.

			Management Accounting	COT01	2019	To understand various principles in finance and preparing a balanced sheet and various methods of analysis in financial statement
HUMAN VALUES 2019-20						
Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
SVU COLLEGE OF SCIENCES						
Home Science	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-I	EMCT 107	2017	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.
	MS Food Technology	254	Human Values and Professional Ethics - I	FT-105	2017	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.
	MS Food Technology	254	Human Values and Professional Ethics - II	FT-205	2017	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients. 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.

	M Sc Food Science Nutrition and Dietetics	230	Human Values and Professional Ethics-I	FSND 107	2017	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, Good behavior and respect for elders, Character and Conduct.obligation, justice, responsibility and freedom.
	M.Sc Human Development and Child Welfare	232	Human Values and Professional Ethics –I	108	2017	
Zoology	M.Sc. Zoology	260	Human values and Professional Ethics - 1	ZOO-106	2019	To develop the values among student community
Animal Biotechnology	Animal Biotechnology	269	HUMAN VALUES AND PROFESSIONAL ETHICS – II	ABT-EF-206	2017	Application of Human values and professional Ethics in lives for better living. Value Education and concept of human values in depth through suitable examples

SVU COLLEGE OF ENGINEERING

CE	B.Tech	CE	Environmental Engineering-II	CET21	2019	Capable of estimating the quantity of waste water generation from any area and design sanitary sewers for house plumbing system
			Environmental Impact Assessment And Environmental Audit	CET28-E2	2019	Able to reduce air, water, noise and land pollution using advanced technologies to meet desired needs of society both professionally and ethically.

ENVIRONMENT & SUSTAINABILITY 2019-20

Name of the Department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
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SVU COLLEGE OF SCIENCES

Biotechnology	M.Sc. Biotechnology	264	Environmental Biotechnology	401	2017	
		264	Plant Biotechnology	402	2017	
			Bioethics	305b	2017	

Environmental Sciences	M.Sc., Environmental Science	266	Energy and Environment	ENV-201	2019	To develop energy production practices among the student community
	M.Sc., Environmental Science	266	Natural Resources Conservation	ENV-306 A	2019	Introduce the importance of natural resources and its management for future generations among the student community
	M.Sc., Environmental Science	266	Disaster Mitigation and Management	ENV-405 A	2019	To understand capacity to obtain, analyze and communicate information on risks and relief needs among the student community
	M.Sc., Environmental Science	266	Environmental Management and Sustainable Development	ENV-406 B	2019	Provide skills and an improved understanding of how firms and organisations work with sustainability issues among the student community
Geology	M.Sc. Geology	224	Environmental Geology & Natural Hazards (IV Sem)	GEO-406	1959	The description has been mentioned in the syllabus
Home Science	MS Food Technology					
	MS Food Technology	254	Disaster Management	FT-406B	2017	
	. Extension Management and Communication Technology					
	M.SC. Extension Management and Communication Technology	232	Science & Technology for Rural Women	EMCT403 B	2019	Students will learn about the Science and Technology for rural development; Energy saving devices-application of solar energy; bio-gas etc.,
						application of Science and Technology in Home science, safe water supply methods suitable for rural areas; health- hygiene and environmental sanitation.
						,agencies involved in research and application of Science and Technology

	M.SC. Extension Management and Communication Technology	232	Disaster management	EMCT406 B	2019	Students will get an insight about natural disasters: manmade disasters; chemical hazards; National and International strategies to mitigate disaster management., global warming etc)efforts made by the NGOs, & Community based organizations and local administration in disaster management
	M.SC. Extension Management and Communication Technology	232	Environmental Management	EMCT405-C	2019	Students will get the knowledge about the life and the environment; physical -chemical factors in the environment; changes in the environment; eco-system-earth, methods of waste management; women and environment government and non-governmental agencies in promoting better health, factors affecting changes in ecosystem and environment
Zoology	M.Sc. Zoology	260	Environmental Biology	ZOO-302	2019	Create an awareness on environment among student community
	M.Sc. Zoology	260	Toxicology	ZOO-402	2019	
Animal Biotechnology	Animal Biotechnology					
	Animal Biotechnology	269	HUMAN VALUES AND PROFESSIONAL ETHICS – II	ABT-EF-206	2017	the role of ethical values in Environment
SVU COLLEGE OF PHARMACY						
B.Pharmacy						BP 206 T. ENVIRONMENTAL SCIENCES
						Upon completion of the course the student shall be able to:

	BACHELOR OF PHARMACY	BPH	B.PHARMACY	BPH	2013	Create the awareness about environmental problems among learners, Impart basic knowledge about the environment and its allied problems, Develop an attitude of concern for the environment, Motivate learner to participate in environment protection and environment
						improvement, Acquire skills to help the concerned individuals in identifying and solving environmental problem, Strive to attain harmony with Nature.
	MASTER OF PHARMACY	280	M.PHARMACY	MPH	2008	MPH 202B PROCESS VALIDATION & CGMP
						cGMP/GLP. ISO 9000 series. Quality
						audits, Process validation in production of pharmaceuticals, export registration.
SVU COLLEGE OF ENGINEERING						
Chemical Engineering	CHEMICAL		Environmental Science	CEMCT 207	2019	Introducing diverse components of environment and natural resources ecosystem and biodiversity and its conservation methods
CIVIL	B.Tech	CE	Environmental Science	CEMCT 207	2019	Introducing diverse components of environment and natural resources ecosystem and biodiversity and its conservation methods

Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
PROFESSIONAL ETHICS 2020-21						
SVU COLLEGE OF ARTS						
Ancient Indian History,Cultural Archeology	AIHC&A-106	114	Human Values and Professional Ethics-I.	AIHC&A-106	2020	1. 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. 2.They inspire the fundamental goodness of human beings and society at large.
	AIHC&A-205	114	Human Values and Professional Ethics-II	AIHC&A-205	2010	1.They inspire the fundamental goodness of human beings and society at large.
Centre for Womens Studies	M.A. Women's Studie	239	Human Values and Pro	SVUWS- 106	2017-18&2020-21&2021-22	Ethics- Its relation to Religion, Politics, Business, Legal, Medical and Environment
Education	M.Ed		Human Values and Professional Ethics-II	404-A	2020	
SVU COLLEGE OF SCIENCES						
						2. Describe about herbs or natural origin drugs as raw materials for preparation of cosmetics, excipients, conventional herbal formulation and novel dosage forms like phytosomes.
						3. Explain method for identification and authentication of herbal drugs.
						4. To be familiar with the modern extraction techniques, characterization and identification of the herbal drugs and phytoconstituents.
						5. To carryout isolation and identification of phytoconstituents.
						6. The pharmaceutical legislations and their implications in the development and marketing.
						7. Acquire an understanding of the importance of plants in tribal lives.
						8. Describe rules and regulation for assessment of herbal drugs, patenting of natural products and manufacture of herbal formulations based on traditional medicinal system.
						Objectives 1. To understand the preparation and development of herbal formulation. 2. Describe about herbs or natural origin drugs as raw materials for preparation of cosmetics, excipients, conventional herbal formulation and novel dosage forms like phytosomes.

	M.Sc. Botany	202	1. Plants and Human Welfare	Bot-307	2019-2020	3. Explain method for identification and authentication of herbal drugs. 4. To be familiar with the modern extraction techniques, characterization and identification of the herbal drugs and phytoconstituents. 5. To carryout isolation and identification of phytoconstituents. 6. The pharmaceutical legislations and their implications in the development and marketing. 7. Acquire an understanding of the importance of plants in tribal lives. 8. Describe rules and regulation for assessment of herbal drugs, patenting of natural products and manufacture of herbal formulations based on traditional medicinal system.
Biotechnology	M.Sc. Biotechnology	264	Human values and Professional ethics-II	106	2020	1. Apply knowledge of professional ethics and correlate the concepts in addressing the ethical issues outside the class room. 2. Demonstrate knowledge of ethical values in non-class room activities, internships and field work and resolve the moral issues
	M.Sc. Biotechnology	264	Bioethics	306b	2020	The student will be able to 1. Acquire the knowledge on IPR and procedures for patent filing 2. Understand the Legal and Ethical aspects of gene therapy - cloning - Manipulation of human genome - Technology transfer. 3. Learn role of Government, Industries and society in promoting, accepting and regulating the rDNA research 4. Develop understanding on Environmental and Health aspects of Biotechnology
	M.Sc. Biotechnology	264	Human values and Professional ethics-I	106	2020	
		264	Human values and Professional ethics-II	206	2020	
		264	Bioethics	306b	2020	
	M.Sc. Biotechnology	264	Human values and Professional ethics-I	106	2020	
		264	Human values and Professional ethics-II	206	2020	
		264	Bioethics	306b	2020	
Chemistry(Analytical Chemistry)	Chemistry	208	Human values and professional ethics I	CHE 109	2020	Nature of ethics, values, individual and society, ethics in Bhagavatgita
	Chemistry	208	Human values and professional ethics II	CHE 209	2020	Value education, medical ethics, social ethics and environmental ethics
	M.Sc., Environmental	266	Human values and	ENV-106	2020	To develop the values among student community

Environmental Sciences	Science	266	Professional Ethics -I	ENV-100	2020	To develop the values among student community
	M.Sc., Environmental Science	266	Human values and Professional Ethics -II	ENV-206	2020	To develop the values among student community
Geography	GEOGRAPHY	GEG	Human Values and Professional Ethics- I	AUDIT COURSE	2017 and 2021	
	M.Sc Geology	Geo224	Human Values and Professional Ethics	GEO-106	2020	The syllabus has been mentioned in the concernd sem (1 & II)
	M.Sc Geology	224	Human Values and Professional Ethics	GEO-106	2020	The syllabus has been mentioned in the concernd sem (1 & II)
	M.Sc Geology	224	Human Values and Professional Ethics	GEO-106	2020	The syllabus has been mentioned in the concernd sem (1 & II)
Home Science(Home science)						
Home Science(Food science Nutrition & Dietitics)	M Sc Food Science Nutrition and Dietetics	230	Human Values and Professional Ethics-I	FSND 107	2020	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.
	M Sc Food Science Nutrition and Dietetics	230	Human Values and Professional Ethics-II	FSND	2020	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.
						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.
	M Sc Food Science Nutrition and	230	Food Product Development	FSND 402	2020	Ethics and Intellectual property/ Patents in food product development.
Home science (Human Development & Child Welfare)		232				
Home Science (Extension Management & Communication Technology)	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-I	EMCT107	2020	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.
	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-II	EMCT 208	2020	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.
						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.

Home Science(Food Technology)	MS Food Technology	254	Human Values and Professional Ethics - I	FT-105	2020	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.
	MS Food Technology	254	Human Values and Professional Ethics - II	FT-205	2020	Medical ethics- Views of Charaka, Sushruta and Hippocratus on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.
						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.
	MS Food Technology	254	Food Product Development and Marketing	FT-402	2020	The professional ethics in production and commercialization of food products and intellectual property rights in new food product development
Mathematics	M.Sc. Mathematics/Applied Mathematics	236/238	Discrete Mathematics	MA /AM 304 D	2020	Any job is deals with ideas data and information
	M.Sc. Mathematics/Applied Mathematics	236/238	Cryptography	MA /AM 304 B	2020	Confident includes case of communicably
	M.Sc. Mathematics/Applied Mathematics	236/238	Algebraic Coding theory	MA/AM 404 C	2020	Subside information inside trading
	M.Sc. Mathematics/Applied Mathematics	236/238	Fuzzy sets and Fuzzy logic	MA /AM 304	2020	Accountability & probability the most directly relavent
Microbiology		270				
Physics	Physics	242	Human values & Professional Ethics-I	PHY 106	2020	Definition and Nature of Ethics, Nature of Values, Individual and Society, Bhagavd Gita and Crime and
Virology	M.Sc Virology	272 VIR	Human values & Profession ethics I	VR-106	2017-2021	Human Behavior, Attitude, good vs Bad
Zoology	M.Sc. Zoology	260	Human values and Professional Ethics -I	ZOO-106	2020	To develop the values among student community
	M.Sc. Zoology	260	Human values and Professional Ethics -II	ZOO-206	2020	To develop the values among student community
Animal biotechnology	Animal Biotechnology	269	HUMAN VALUES AND PROFESSIONAL ETHICS – I	ABT-EF-106	2020	Probe into proving definition and Nature Ethics in depth through suitable illustrations and examples.
						Fundamentals on professional Ethics on varied aspects
SVU COLLEGE OF CMCS						
						1. Making engineering and technology students aware of the various issues concerning man and society.

Computer science (MCA)	MCA	63	Human Values and Professional Ethics	MCA 106	2020	2. These issues will help to sensitize students to be broader towards the social, cultural, economic and human issues, involved in social changes v Able to understand the nature of the individual and the relationship between the self and the community. 3. Understanding major ideas, values, beliefs, and experiences that have shaped human history and cultures.
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SVU COLLEGE OF PHARMACY

B.Pharmacy	BACHELOR OF PHARMACY		B.PHARMACY	BPH	2020	BP505T.FORENSIC PHARMACY
						The regulatory authorities and agencies governing the manufacture and sale of
						pharmaceuticals,The code of ethics during the pharmaceutical practice
						Definition and Nature of Ethics.Need and Importance of Professional Ethics Goals- Ethical Values in various
						Professions, Nature of Values, Crime and Theories of punishment.

GENDER 2020-21

Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
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SVU COLLEGE OF ARTS

Centre for Womens Studies	M.A. Women's Studies and Management	239	Gender Environment, Climate Change and Livelihood	SVUWS- 105A	2020-21	To create awareness on environment and livelihood of women
	M.A. Women's Studies and Management	239	Introduction to Gender Studies	SVUWS- 101	2020-21	To Sensitize Women towards the current social issues confronting them
	M.A. Women's Studies and Management	239	Gender and Education	SVUWS- 105C	2020-21	To provide insight on gender disparities within the family, economy, education
	M.A. Women's Studies and Management	239	Development-Gender Perspective	SVUWS- 201	2020-21	To provide insight on gender disparities in Development and economy
	M.A. Women's Studies and	239	Media and Governance- Gender	SVUWS- 205A	2020-21	To sensitize the students on gender issues in governance and media
	M.A. Women's Studies and Management	239	Feminist theories	SVUWS- 301	2020-21	To expose the students to Indian Feminism
	M.A. Women's Studies and Management	239	Guidance and Counselling with Gender Perception	SVUWS-304B	2020-21	To expose the students to Counselling

	M.A. Women's Studies and Management	239	Gender Based Violence: Issues and Concerns	SVUWS-304C	2020-21	To provide knowledge on various agencies and mechanism to protect women from violence
	M.A. Women's Studies and Management	239	Women Legislations Gender Concern	SVUWS-402	2020-21	To provide knowledge on and various agencies and mechanisms which protect women and girl children
Sociology	MASO	134	Sociology of Gender	MASO-304 B	2020	-
SVU COLLEGE OF PHARMACY						
B.Pharmacy	BACHELOR OF PHARMACY		B.PHARMACY	BPH	2020	802T SOCIAL AND PREVENTIVE PHARMACY
						After the successful completion of this course, the student shall be able to: Acquire high consciousness/realization of current issues related to health and pharmaceutical problems within the country and worldwide, Have a critical way of thinking based on current healthcare development,
						Evaluate alternative ways of solving problems related to health and pharmaceutical issues
HUMAN VALUES 2020-21						
Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
SVU COLLEGE OF SCIENCES						
Home Science	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-I	EMCT 107	2017	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.
	MS Food Technology	254	Human Values and Professional Ethics - I	FT-105	2017	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.

	MS Food Technology	254	Human Values and Professional Ethics - II	FT-205	2017	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients. 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.
	M Sc Food Science Nutrition and Dietetics	230	Human Values and Professional Ethics-I	FSND 107	2017	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, Good behavior and respect for elders, Character and Conduct.obligation, justice, responsibility and freedom.
	M.Sc Human Development and Child Welfare	232	Human Values and Professional Ethics –I	108	2017	
Zoology	M.Sc. Zoology	260	Human values and Professional Ethics - 1	ZOO-106	2020	To develop the values among student community
SVU COLLEGE OF PHARMACY						
Pharmacy	MASTER OF PHARMACY	280	M.PHARMACY	MPH	2008	MPH 206 HUMANVALUES & PROFESSIONAL ETHICS – II
ENVIRONMENT & SUSTAINABILITY 2020-21						
Name of the Department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
SVU COLLEGE OF ARTS						
Centre for Womens Studies	M.A. Women's Studies and Management	239	Women Science and Technology	SVUWS-304D	2020	Mainstreaming Gender in Science and Technology
	M.A. Women's Studies and Management	239	Participatory Learning, Extension and Outreach Programmes and Advocacy with focus on women	SVUWS-404A	2020	To enable students to understand the changing concept of extension and expose them to outreach programmes and Equip students with skills of extension work
Environmental Sciences	M.Sc., Environmental Science	266	Energy and Environment	ENV-201	2020	To develop energy production practices among the student community

	M.Sc., Environmental Science	266	Natural Resources Conservation	ENV-306 A	2020	Introduce the importance of natural resources and its management for future generations among the student community
	M.Sc., Environmental Science	266	Disaster Mitigation and Management	ENV-405 A	2020	To understand capacity to obtain, analyze and communicate information on risks and relief needs among the student community
	M.Sc., Environmental Science	266	Environmental Management and Sustainable Development	ENV-406 B	2020	Provide skills and an improved understanding of how firms and organisations work with sustainability issues among the student community
SVU COLLEGE OF SCIENCES						
Home Science	MS Food Technology					
	MS Food Technology	254	Disaster Management	FT-406B	2017	
	. Extension Management and Communication Technology					
	M.SC. Extension Management and Communication Technology	232	Science & Technology for Rural Women	EMCT403 B	2020	Students will learn about the Science and Technology for rural development; Energy saving devices-application of solar energy; bio-gas etc.,
						application of Science and Technology in Home science, safe water supply methods suitable for rural areas; health- hygiene and environmental sanitation.
						,agencies involved in research and application of Science and Technology
	M.SC. Extension Management and Communication Technology	232	Disaster management	EMCT406 B	2020	Students will get an insight about natural disasters: manmade disasters; chemical hazards; National and International strategies to mitigate disaster management., global warming etc)efforts made by the NGOs, & Community based organizations and local administration in disaster management
	M.SC. Extension Management and Communication Technology	232	Environmental Management	EMCT405-C	2020	Students will get the knowledge about the life and the environment; physical -chemical factors in the environment; changes in the environment; eco- system-earth, methods of waste management; women and environment government and non- governmental agencies in promoting better health, factors affecting changes in ecosystem and environment
Virology	M.Sc Virology		Veterinary and Agriculture virus diseases and management	VR-306	2020-2022	Diagnosis of animal and plant viruses
M.Sc. Zoology	M.Sc. Zoology	260	Environmental Biology	ZOO-302	2019	Create an awareness on environment among student community

	M.Sc. Zoology	260	Toxicology	ZOO-402	2019	
	Animal Biotechnology					
	Animal Biotechnology	269	HUMAN VALUES AND PROFESSIONAL ETHICS – II	ABT-EF-206	2017	the role of ethical values in Environment
SVU COLLEGE OF PHARMACY						
B.Pharmacy	BACHELOR OF PHARMACY	BPH	B.PHARMACY	BPH	2013	BP 206 T. ENVIRONMENTAL SCIENCES
						Upon completion of the course the student shall be able to:
						Create the awareness about environmental problems among learners, Impart basic knowledge about the environment and its allied problems, Develop an attitude of concern for the environment, Motivate learner to participate in environment protection and environment
						improvement, Acquire skills to help the concerned individuals in identifying and solving environmental problem, Strive to attain harmony with Nature.
M.Pharmacy	MASTER OF PHARMACY	280	M.PHARMACY	MPH	2008	MPH 202B PROCESS VALIDATION & CGMP
						cGMP/GLP. ISO 9000 series. Quality
						audits, Process validation in production of pharmaceuticals, export registration.
SVU COLLEGE OF ENGINEERING						
CIVIL	CIVIL		Environmental Engineering	CEPCT 405	2020	Estimate the water demand of any area and water conveyance systems
			Advanced Environmental Engineering	CEPET 502	2020	Capable of estimating the quantity of waste water generation from any area and design sanitary sewers for house plumbing system

Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
PROFESSIONAL ETHICS 2021-22						
SVU COLLEGE OF ARTS						
Economics	M.A Economics	104	Human Resource and Sustainable development	404	2021-2022	To aware the Students on Economic Sustainable in the Society
SVU COLLEGE OF SCIENCES						
Biotechnology	M.Sc. Biotechnology	264	Human values and Professional ethics-II	106	2021	· Apply knowledge of professional ethics and correlate the concepts in addressing the ethical issues outside the class room. · Demonstrate knowledge of ethical values in non-class room activities, internships and field work and resolve the moral issues
						· Learn role of Government, Industries and society in promoting, accepting and regulating the rDNA research · Develop understanding on Environmental and Health aspects of Biotechnology
Geography	GEOGRAPHY	228	Human Values and Professional Ethics- I	AUDIT COURSE	2021	
Home science (Extension management & communication technology)	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-I	EMCT107	2021	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.
	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-II	EMCT 208	2021	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients.
						Business ethics- Ethical standards of business-Immoral and illegal practices and their solutions.
Virology	M.Sc Virology	272 VIR	Human values & Profession ethics I	VR-106	2017-2021	Human Behavior, Attitude, good vs Bad
		272	Human values & Profession ethics II	VR-107	2021	Good life style
Zoology	M.Sc. Zoology	260	Human values and Professional Ethics -I	ZOO-106	2021	To develop the values among student community
	M.Sc. Zoology	260	Human values and Professional Ethics -II	ZOO-206	2021	To develop the values among student community

Animal biotechnology	Animal Biotechnology	269	HUMAN VALUES AND PROFESSIONAL ETHICS – I	ABT-107	2021	Probe into proving definition and Nature Ethics in depth through suitable illustrations and examples.
						Fundamentals on professional Ethics on varied aspects
SVU COLLEGE OF PHARMACY						
B.Pharmacy	BACHELOR OF PHARMACY		B.PHARMACY	BPH	2021	BP505T.FORENSIC PHARMACY
						This subject is designed to impart basic knowledge on important legislations related to the profession of pharmacy in India.Upon completion of the course, the student shall be able to understand the Pharmaceutical legislations and their implications in the development,marketing of pharmaceuticals,Various Indian pharmaceutical Acts and Laws,
						The regulatory authorities and agencies governing the manufacture and sale of pharmaceuticals,The code of ethics during the pharmaceutical practice
M.Pharmacy	MASTER OF PHARMACY		M.PHARMACY	MPH	2021	NA
SVU COLLEGE OF ENGINEERING						
Civil Engineering						
B.Tech	CE		Professional Practice, Law & Ethics	CEHST 704	2021	Can Understand the legal and practical aspects of engineering profession.
ECE						
B.Tech	CE		Professional Practice, Law & Ethics	CEHST 704	2021	Can Understand the legal and practical aspects of engineering profession.
GENDER 2021-22						
Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
SVU COLLEGE OF ARTS						
Centre for Womens Studies	M.A. Women's Studies and Management	239	Development-Gender Perspective	SVUWS- 201	2020-21&2021-22	To provide insight on gender disparities in Development and economy
	M.A. Women's Studies and Management	239	Media and Governance-Gender Concern	SVUWS- 205A	2020-21&2021-22	To sensitize the students on gender issues in governance and media
	M.A. Women's Studies and Management	239	Gender Based Violence: Issues and Concerns	SVUWS-304C	2020-21&2021-22	To provide knowledge on various agencies and mechanism to protect women from violence
	M.A. Women's Studies and Management	239	Women Legislations Gender Concern	SVUWS-402	2020-21&2021-22	To provide knowledge on and various agencies and mechanisms which protect women and girl
	M.A. Women's Studies and Management	239	Introduction to Gender and Women's Studies	SVUWS-101	2021-22	To Sensitize Women towards the current social issues confronting them
	M.A. Women's Studies and Management	239	Principles of Management with Gender Lens	SVUWS-102	2021-22	To impart the knowledge how to Managing Human Resource effectively

	M.A. Women's Studies and Management	239	Gender Patriarchy and Society	SVUWS-103	2021-22	To impart the knowledge of gender roles are defined biologically and culturally as well as in public and private spheres
	M.A. Women's Studies and Management	239	Education: Gender achievements and Gaps	SVUWS-105C	2021-22	To provide insight on gender disparities within the family

SVU COLLEGE OF SCIENCES

Home science(Extension management & communication technology)	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Community Nutrition	EMCT 104A	2021	Nutrition Through Life Span – Infancy, Early and late childhood, Adolescence, Adulthood and Ageing – Nutritional requirements and Recommended Dietary Allowances (RDA)– Justification for special needs during periods of growth and development, pregnancy and lactation – significance of breast feeding.
	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Nutrition during life span	EMCT 104B	2021	Nutritional requirements for adult man and woman. Nutritional concerns, RDA, nutritional guidelines and work efficiency. Physiological changes in aging, effects of aging on nutritional health.
Home science(food technology)	MS Food Technology	254	Community Nutrition	FT-107	2021	Nutrition Through Life Span – Infancy, Early and late childhood, Adolescence, Adulthood and Ageing – Nutritional requirements and Recommended Dietary Allowances (RDA)– Justification for special needs during periods of growth and development, pregnancy and lactation – significance of breast feeding.
Animal Biotechnology	Animal Biotechnology	269	HUMAN VALUES AND PROFESSIONAL ETHICS – I	ABT-107	2021	Probe into proving definition and Nature Ethics in depth through suitable illustrations and examples. Fundamentals on professional Ethics on varied aspects

SVU COLLEGE OF PHARMACY

B.Pharmacy	BACHELOR OF PHARMACY		B.PHARMACY	BPH	2021	802T SOCIAL AND PREVENTIVE PHARMACY After the successful completion of this course, the student shall be able to: Acquire high consciousness/realization of current issues related to health and pharmaceutical problems within the country and worldwide, Have a critical way of thinking based on current healthcare development, Evaluate alternative ways of solving problems related to health and pharmaceutical issues
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HUMAN VALUES 2021-22

Name of the department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
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SVU COLLEGE OF SCIENCES						
Home Science	M.SC. EXTENSION MANAGEMENT AND COMMUNICATION TECHNOLOGY	234	Human Values and Professional Ethics-I	EMCT 107	2017	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.
	MS Food Technology	254	Human Values and Professional Ethics - I	FT-105	2017	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.
	MS Food Technology	254	Human Values and Professional Ethics - II	FT-205	2017	Medical ethics- Views of Charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and health care professionals. Euthanasia, Ethical obligation to animals, Ethical issues in relation to health care professionals and patients. 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.
	M.Sc Human Development and Child Welfare	232	Human Values and Professional Ethics –I	108	2017	
			Human values & Profession ethics II	VR-107	2021	
Zoology	M.Sc. Zoology	260	Human values and Professional Ethics –II	ZOO-206	2021	To develop the values among student community
SVU COLLEGE OF PHARMACY						
Pharmacy	Pharmacy					and Ethical issues raised by new biological technology or knowledge.
ENVIRONMENT & SUSTAINABILITY 2021-22						
Name of the Department	Programme Name	Programme Code	Course Name	Course Code	Year of Introduction	Description of the course addressing Professional Ethics
SVU COLLEGE OF ARTS						
	M.A. Women's Studies and Management	239	Participatory learning, Methods and Extension Education	SVUWS-403A	2021	To enable students to understand the new role women have to play for community development
Economics	M.A Economics	104	Economics of Environment	106	2021	

	LL.M.	154	Constitutional and Legal Order	3.4 (a)	2021	The concept of Environmental Laws in relating to EPA act 1986 and also biodiversity act 2002 .
SVU COLLEGE OF SCIENCES						
	M.Sc. Biotechnology	264	Environmental Biotechnology	401	2021	Learn the relation between biotic and abiotic factors in different ecosystem models and predict how changes in free energy availability affect ecosystems.
						Appreciate the role of microorganisms in biodegradation and pollution detection
						Develskill on large scale production and applications of bio pesticides and bio fertilizers fin agriculture
						Apply knowledge on solid waste management and reclamation of waste water
		264	Plant Biotechnology	402	2021	1. Develop skill in production of transgenic plants resistant to biotic and abiotic stress
						2. Apply knowledge for industrial production of plant metabolites
						3. Cultivate the micro and macro algae of commercial importance on large scale
						4. Identify different plant pathogens and apply biological control methods
	M.Sc., Environmental Science	266	Energy and Environment	ENV-201	2021	To develop energy production practices among the student community
M.Sc., Environmental Science	M.Sc., Environmental Science	266	Natural Resources Conservation	ENV-306 A	2021	Introduce the importance of natural resources and its management for future generations among the student community
	M.Sc., Environmental Science	266	Disaster Mitigation and Management	ENV-405 A	2021	To understand capacity to obtain, analyze and communicate information on risks and relief needs among the student community
	M.Sc., Environmental Science	266	Environmental Management and Sustainable Development	ENV-405 C	2020	Provide skills and an improved understanding of how firms and organisations work with sustainability issues among the student community
MSc, Geography	MSc, Geography	228	Climatology	GEG 201	2021	Import the environmental awareness and
	MSc, Geography	228	Physical Geography of India	GEG – 204(A)	2021	
	MSc, Geography	228	Urban Geography	GEG – 301	2021	
	MSc, Geography	228	Geographical Information System (GIS)	GEG – 302	2021	
	MSc, Geography	228	Disaster Management Studies	GEG – 303(C)	2021	
	MSc, Geography	228	Regional Planning	GEG – 401	2021	
	MSc, Geography	228	Advanced Remote Sensing	GEG – 402	2021	

	MSc, Geography	228	Water and Soil Resources Management	GEG – 403(A)	2021	measures to be adopted for protection so as to obtain sustainable development
	MSc, Geography	228	Research in Geographical Studies	GEG – 403(C)	2021	
	MSc, Geography	228	Remote Sensing Applications	GEG = 404	2021	
	PhD- Geography	228	Research Methodology	GEG- RS1	2021	
	PhD- Geography	228	Focusing on National level geospatial techniques application for environment and sustainable development	GEG- RS1	2021	
37	Home Science					
	MS Food Technology					
	MS Food Technology	254	Disaster Management	FT-406B	2017	
	. Extension Management and Communication Technology					
	Extension Management and Communication Technology	232	Science & Technology for Rural Women	403 B	2021	
	Extension Management and Communication Technology	232	Disaster management	406 B	2021	
	M.Sc Virology	272	Environmental sciences	Vr-405b	2021	Protection of environment
	M.Sc Virology		Veterinary and Agriculture virus diseases and management	VR-306	2020-2022	Diagnosis of animal and plant viruses
	M.Sc. Zoology	260	Environmental Biology	ZOO-302	2021	Create an awareness on environment among student community
	M.Sc. Zoology	260	Biodiversity and Conservation	ZOO-403A	2021	Create the awareness on conservation of fauna among student community
	Animal Biotechnology					
	Animal Biotechnology	269	HUMAN VALUES AND PROFESSIONAL ETHICS – II	ABT-207	2021	the role of ethical values in Environment

SVU COLLEGE OF PHARMACY

B.Pharmacy	BACHELOR OF PHARMACY	BPH	B.PHARMACY	BPH	2013	BP 206 T. ENVIRONMENTAL SCIENCES
						Upon completion of the course the student shall be able to:
						Create the awareness about environmental problems among learners, Impart basic knowledge about the environment and its allied problems, Develop an attitude of concern for the environment, Motivate learner to participate in environment protection and environment
						improvement, Acquire skills to help the concerned individuals in identifying and solving environmental problem, Strive to attain harmony with Nature.
						MRM 301T - RESEARCH METHODOLOGY &

	MASTER OF PHARMACY	280	M.PHARMACY	MPH	2008	BIOSTATISTICS
						Personal hygiene, location of
						animal facilities to laboratories, anesthesia, euthanasia, physical facilities, environment, record keeping, SOPs, personnel and training, transport of lab animals.
SVU COLLEGE OF ENGINEERING						
CIVIL	CIVIL		Environmental Engineering Lab	CEPCP 606	2021	Capable of performing common environmental experiments and analyze the test results relating to water quality and wastewater characteristics



SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING: TIRUPATI-517502
DEPARTMENT OF CIVIL ENGINEERING
B.Tech. Civil Engineering (R-20)

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

S. No	Course Code	Title of the Course	Year of Introduction	If revision has been carried out in the syllabus during last 5 years, Percentage of content added or replaced
1	HS303CO	Managerial Economics and Accountancy (Common to all branches)	2023	6/34= 17.6%
2	CE309S	Skill Development Course1	2023	
3	PA310A	Constitution of India(Common to all branches)	2023	
4	MC411B	NCC/NSS	2023	
5	MA401C	Probability &Statistics (Common to all branches)	2023	
6	CE409S	Skill Development Course 2	2023	



SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING: TIRUPATI-517502
DEPARTMENT OF CIVIL ENGINEERING
B.Tech. Civil Engineering (R-20)

Table.

1.3.1. Courses which address Professional Ethics, Gender, Human Values, Environment and sustainability into the curriculum.

A. Professional Ethics:

Programme name	Programme code	Course name	Course code	Year of Introduction	Description of the course addressing Professional Ethics
B.Tech	1-1422777024	----	---	--	

B. Gender:

Programme name	Programme code	Course name	Course code	Year of Introduction	Description of the course addressing Professional Ethics
B.Tech	1-1422777024	----	---	--	

C. Human Values:

Programme name	Programme code	Course name	Course code	Year of Introduction	Description of the course addressing Professional Ethics
B.Tech	1-1422777024	----	---	--	

D. Environment & sustainability:

Programme name	Programme code	Course name	Course code	Year of Introduction	Description of the course addressing Professional Ethics



SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING: TIRUPATI-517502
DEPARTMENT OF CIVIL ENGINEERING
B.Tech. Civil Engineering (R-20)

B.Tech	1-1422777024	Environmental Science	CE 207	2021	Introducing diverse components of environment and natural resources ecosystem and biodiversity and its conservation methods.
		Environmental Engg. -1	CE405C	2022	Estimate the water demand of any area and water conveyance systems.