Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**SRI VENKATESWARA UNIVERSITY**
Name of the head of the Institution	**Prof.K.Raja Reddy**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08772289412**
Mobile no.	**9963330759**
Registered Email	**vcsvutpt@yahoo.com**
Alternate Email	**registrarsvu@gmail.com**
Address	**Sri Venkateswara University, Tirupati-517502, A.P, India**
City/Town	**Tirupati**
State/UT	**Andhra Pradesh**
Pincode	**517502**

2. Institutional Status

University	**State**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Prof. T.Gowri Manohar(Director), Dr. I. Kullayamma(Co-ordinator)**
Phone no/Alternate Phone no.	**08772289551**
Mobile no.	**9440474441**
Registered Email	**iqac.svu121@gmail.com**
Alternate Email	**svuiqac@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.svuniversity.edu.in/IQAC/PDF/AQAR_2018-19.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.svuniversity.edu.in/IQAC/PDF/PART%20A%20-%204%20ACADEMIC%20CALENDAR.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**Four Star**	**75**	**2002**	**04-Mar-2002**	**03-Mar-2007**
2	**A**	**3.13**	**2009**	**08-Mar-2009**	**07-Mar-2014**
3	**A+**	**3.52**	**2017**	**09-Jun-2017**	**08-Jun-2022**

6. Date of Establishment of IQAC	**01-Jun-2002**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Workshop	09-Nov-2019 2	117
Workshop	01-Aug-2019 3	104
Workshop	25-Jul-2019 2	70
Training programme	21-Sep-2019 1	225
Induction Programme	21-Aug-2019 21	356
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Sri Venkateswara University College of Engineering	TEQIP	MHRD	2017 5	70000000
Department of Physics	CAS	UGC	2015 5	28000000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	0
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	No
Upload the minutes of meeting and action taken report	No Files Uploaded !!!
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes

If yes, mention the amount	**200000**
Year	**2019**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Collecting online feedback from students on Faculty performance, Collecting self appraisal reports and API scores from Faculty and preparing Annual Quality Assurance Report for onward submission to NAAC, Modern teaching aids like interactive boards, ppts are used to improve quality of teaching. During Pandemic situations online teaching is initiated with modern ICT. During pandemic examinations/project vivavoce/Ph.D. Vivavoce examinations were conducted in blended mode.

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
The Venkateswara University aims to better its performers further and hopes to receive still better global recognitions.	**Sri Venkateswara University obtained good global recognitions which is evident through its ranking announced by various agencies like NIRF, QS, ASIN, World University Ranking, Times Higher Education world University ranking etc,.**
[View File](#)	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Executive Council and Academic Senate	**31-Mar-2020**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**09-Jun-2017**

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2020**
Date of Submission	**30-May-2020**

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The institute has implemented an eOffice for some sections of administrations. The examination section is partially computerized. The institute is planning for obtaining educational ERP software.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MSc	200	Virology	09/03/2020
MA	SVUWS	Women's Studies and Management	27/12/2019
BTech	Mech	Mechanical Engineering	02/07/2019
Mtech	Mech	Industrial Engineering	04/07/2019
Mtech	Mech	Production Engineering	05/07/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MCom	E-Commerce	25/11/2019	Skill Development	25/11/2019
MA	Econometrics	22/07/2019	Optimization in Economics 108	22/07/2019
MA	Performing Arts	01/07/2019	Music	01/07/2019
BTech	Civil Engineering	18/07/2019	English Communication Lab ENHSP 106	09/09/2019
BTech	Civil Engineering	18/07/2019	Programming for Problem solving CSEST 203	20/01/2020
Mtech	Structural Engineering	18/07/2019	Industrial Safety GTOE12	09/09/2019
Mtech	Geotechnical Engineering	18/07/2019	Industrial Safety GTOE12	09/09/2019

Mtech	Structural Engineering	18/07/2019	Research Methodology and IPR PGMC01	23/09/2019
Mtech	Geotechnical Engineering	18/07/2019	Research Methodology and IPR PGMC01	23/09/2019
[View File](#)				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MA	Econometrics	22/07/2019
MA	Women's Studies & Management	01/07/2019
BTech	Computer Science and Engineering	01/07/2019
Mtech	Geotechnical Engineering	23/09/2019
Mtech	Structural Engineering	23/09/2019
BTech	Civil Engineering	08/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nill	CBCS/Elective course system has been implemented for all the programs since AY 2016-17 till date	Nill

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
EXPERT SYSTEMS IN MANUFACTURING	10/10/2019	18
PAMCT 401 Constitution of India	30/12/2019	66
PGPA11 English for Research Paper Writing	23/09/2019	24
PGPA12 Disaster Management	23/09/2019	24
GTOE12 Industrial Safety	09/09/2019	24
MATLAB	30/07/2019	65
CAD/CAM	30/07/2019	65
SYSTEM DYNAMICS	10/10/2019	11

PGMC01 Research Methodology and IPR	23/09/2019	24
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Fishery Science & Aquaculture	34
MSc	Environmental Science	13
MSc	Biological Anthropology	13
MSc	Analytical Chemistry	42
MCom	Finance, Marketing and HRM	150
MEd	Education	3
MLibISc	Library & Information Sciences	13
MA	Human Rights and Social Development	31
BTech	Computer Science and Engineering	65
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
IQAC collects student feedback on teachers every year through with the support of University Computer Centre officials. The obtained feedback is consolidated through program code. It is distributed to the individual staff members. Based on their feedback faculty members prepare and submit Self Appraisal Report and Academic Performance Index(API). Faculty members are promoted through CAS based on the API scores and interview performance. Honorable Vice-Chancellor recommends the Faculty for Best Teacher Award, instituted by Govt. of A.P, based on API scores and their overall performance. University encourages faculty members to attend seminars, workshops, conferences to improve their knowledge in their concerned subjects, teaching methodologies and research area.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MA	Sociology	25	70	25
LLM	Constitution and Legal Order	12	20	11
Mtech	CS & SP	48	48	36
BTech	EEE	72	72	70
BTech	ECE	66	66	66
MSc	Home Science	30	50	28
MSc	Fishery Science & Aqua Culture	40	270	40
MA	Adult Education(Skill Promotion)	21	22	12
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1584	2167	100	414	514

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
204	182	4	62	48	7
[View File of ICT Tools and resources](#)					
[View File of E-resources and techniques used](#)					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Each faculty member is the mentor for a group of 20 to 25 students allocated to him/ her by the Head of the Department. Those faculties will continue to be the mentors for the same group of students till their graduation. Faculty mentors play a crucial role in mentoring graduates to establish a first line of communication for each student with the institution, to create a sense of oneness among students with the institution and to make the students be self-aware of their strengths and weakness and take necessary remedial action. The teacher mentor collects personal information from the ward without touching sensitive issues or forcing any information out of the wards and then provides the needed counselling to the wards. Students and their mentors share responsibility for ensuring productive and rewarding mentoring relationships. Both parties have a role to play in the success of mentoring. The mentors provide both professional and personal advice to the students. They further give constructive feedback on writing, teaching and other elements of career design. They can serve to help students balance professional goals with their personal lives or give emotional encouragement during challenging times. This system has been introduced to establish a better and effective student-teacher relationship and guide the

students in Academic matters. All the full time teachers are working as Mentors to the student's allotted to them. Students shall meet their Mentor regularly for guidance. The Mentor will note the performance of the students in examinations and also observe their behavior. Identify strengths and weaknesses of students by SWOT analysis. Encouraging the students to participate in multi-skilled activities through co-curricular and extra-curricular activities. Mentoring is a reciprocal relationship between an experienced, highly regarded, empathetic person (the mentor) and a less experienced junior faculty/student member (the mentee) aimed at fostering the professional and personal development of the junior faculty /student member. The Students in professional colleges are busy in their studies. They come across many problems difficulties during their tenure. There is no vent for all these problems. As most of the students are away from their home they feel depressed. Most of them need moral, psychological, and Professional learning support.A principle for mentoring is practiced: The faculty challenges the students to higher level of learning, use active form of learning. Prompt and immediate feedback is given. There is a structured sequence of different learning activities. The Participants are assessed without bias. The aim is to build relationships, Identify strengths and gaps, give them responsive coaching and modeling appropriate feedback and remedial measures Faculties are allotted 10-15 students each. The students will continue to be the preceptor till they pass out. The students of the repeater batches are personally looked after by the HODs 'of the respective phases. The members of the co-ordination committee will meet biannually. The Program identifies the student's problem and gives solution the difficulties of the students in their academic progression are identified. They are given moral and psychological support which is conducive for environment friendly atmosphere

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5614	514	1:11

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
576	212	364	Nill	205

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Dr.Ch. Paramageetham	Professor	Best Women Scientist (NSF/BWSA/2020) for academic excellence in Biofuels Nature Science Foundation
2020	K.T.Ramakrishna Reddy	Professor	A.P. Scientist Award Best research in Physical Sciences, AP)
2020	Dr.Md.Nisar Ahmed	Assistant Professor	Bharat Ratna Maulana Abulkalam Azad life Achievement Award and A.P State Urdu Academy, Govt of A.P
2019	Dr.E.Kesavulu Reddy	Assistant Professor	Dr.SarwepalliRadha Krishna life time

2020	Dr. T. Vijaya	Professor	MID CAREER AWARD, 2019 UGC-BSR
2019	Dr. K.Thyaga Raju	Professor	BSR fellow phule, Ambedkar Puraskar.
2019	Dr.G.Madhavi	Associate Professor	DST travel grant award-DST New Delhi
2019	Prof.G.Sreenivasulu	Professor	Institution of Engineers Award
2019	Prof.S.Narayana Reddy	Professor	Best Teacher Award in state level
2019	Dr.P. NAGA JYOTHI	Assistant Professor	Research Peace Awards International Distinguished Scientist in Aquaculture Biochemistry

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	CE	VII SEM/2019-20	16/11/2019	02/03/2020
Mtech	SE	I SEM/2019-20	10/03/2020	01/09/2020
Mtech	GE	I SEM/2019-20	10/03/2020	01/09/2020

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nill	Nill	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.svuniversity.edu.in/IQAC/aqar-po.html

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year	Number of students passed in final year examination	Pass Percentage

			examination		
CS	BTech	Computer Science and Engineering	65	65	100
CO	Mtech	Computer Science and Engineering	21	21	100
CE	BTech	Civil Engineering	73	68	93.15
SE	Mtech	Structural Engineering	22	16	72.73
GE	Mtech	Geotechnical Engineering	24	16	66.67
MAAE	MA	Adult Education	7	7	100
MARDM	MA	Rural Development &Management	12	12	100
SVUWS	MA	Women's Studies & Management	11	9	81.81
200	MSc	Virology	17	17	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.svuniversity.edu.in/IQAC/PDF/PART%20B%202.7.1%20-%20STUDENT%20SA
TISFACTORY%20SURVEY.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Prof. V. Sugunamma	Distinguished Woman in Science	03/08/2019	Venus International Foundation, Chennai
International	Dr. Y. Suneetha	international Fellowship	16/03/2020	University of Texas, U.S.A
National	Dr. K. Suneetha	2019-MTC Global Distinguished Teacher Award Economics 2019	05/09/2019	MTC Global Leadership Institute
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
SRF	2	ICSSR
RGNF	2	UGC
JRF	1	UGC
SRF	1	UGC
DST Woman Scientist-A	3	DST
CSIR-UGC-JRF	5	UGC
UGC-JRF	5	UGC
INSPIRE	5	DST
PDF	2	ICSSR
RGNF	5	UGC
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	3	DST-SERB	37.47	10
International Projects	3	DST-Collaborative Project-Indo-Belarus	12.6	6.3
Major Projects	3	DST -SERB	37.24	4
Major Projects	3	DST-SERB	37.78	8
Major Projects	3	DST-SERB-EMR	48.41	11.7
Major Projects	3	ICMR	15.64	5.21
Major Projects	3	ICMR	35.25	11.75
Major Projects	1	CARS	5.87	5.87
Major Projects	3	ICMR	2.06	0.68
Minor Projects	3	ICMR	4.81	1.6
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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Innovations and Patents	Mechanical Engineering	27/12/2019
Two days National Seminar on "Hindi kathaSahity Mein upekshitvarg	Dept. of Hindi	19/09/2019
Symposium on A.P DISHA Act 2019	Centre for Women Studies, S. V. University, Tirupati	08/03/2020
contain covid – 19 by Inter – Professional Hope Builders – Time to pay back to society	Political science Sociology	06/06/2020
Seminar (Vemana – Manarutavada)	Telugu Studies	01/01/2020
Advances in Data Science Techniques (ADST-2020)	Physics	15/02/2020
SARS -CoV-2 Pathogenisis, Diagnosis,Vaccines and therapeutic interventions,	Department of Virolog	20/06/2020
One Day Workshop on "Bioinformatics in Human Health"	Department of Zoology	26/12/2019
Innovations, Patents	Civil Engineering	27/12/2019
National Seminar on Inclusive growth through Navaratnalu in Andhra Pradesh: Challenges and future prospects	Department of Commerce	04/11/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Dr.A.P.J Abdul kalam Award for Teaching Excellence	Dr.V.Sugunamma	Marina Labs	24/11/2019	Research and Development
Certificate of Excellence in Reviewing	Dr.V.Sugunamma	Journal of Scientific Research and Reports	07/02/2020	Scientific Research
251 Fabulous Global Education Leaders Award	Prof.P.Raghunadha Reddy	world education congress	04/07/2019	Education
Amity Excellence	Prof.P.Raghunadha Reddy	INBUSH ERA WORLD SUMMIT	19/02/2020	Human Resource

Award for Best Professor					Management, Education

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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
-	-	-	-	-	Nill

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Adult Education	1
Hindi	2
History	4
Library and Information Science	3
Physical Education	1
Population Studies	5
Sociology	2
Civil Engineering	3
Mechanical Engineering	1
Electronics and communication Engineering	8
Foreign Languages Linguistics	2
Computer Science and Engineering	6
Chemistry	12
Mathematics	4
Anthropology	1
Economics	6
Sanskrit	2
Centre for Women's Studies	1
Home Science	1
Botany	2
Statistics	4
Electrical and Electronics Engineering	6

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Bio-Chemistry	9	1.75
International	Bio-Chemistry	2	0.55
National	Fishery Science	2	4.43

	Aquaculture		
International	Fishery Science Aquaculture	1	4.4
National	USIC	3	5.08
National	Computer Science	7	5.78
International	Computer Science	21	6.88
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Science	6
Virology	6
Telugu Studies	9
Philosophy	2
Computer science engineering	5
Home Science	11
Economics	9
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Hrudayamrutham – Heart healthy Functional mix	Published	202041013743	28/03/2020
Medhas – Herbal granola Bar	Published	202041006666	16/02/2020
Tymovirus Virus and Virus- Like Particles as Nanocarriers for Imaging and TherapeuticAgents	Published	2018-3325 PCT/U	04/01/2020
LASER PRISM	Filed	BHB/PT/DVB/1106	06/06/2020
KEE COB – MOSQUITO KILLER	Filed	TEMP/E-1/21236/	08/05/2020
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Synthesis, Molecular Properties Prediction	Prof .V. Padmavathi	Chemistry Biodiversity	2019	2.8	S.V. University	1

and Antimicrobial Activity of Imidazolyl Schiff Bases, Triazoles and Azetidinones						
Synthesis and antimicrobial activity of benzazolylazolyl urea derivatives	Prof .V. Padmavathi	Journal of Molecular Structure	2019	4	S.V. University	1
Design and Synthesis of Some New Benzimidazole Containing Pyrazoles and PyrazolylThiazoles as Potential Antimicrobial Agents	Prof . Cirandur Suresh Reddy	Journal of Heterocyclic Chemistry	2019	2.4	S.V. University	4
Graphene-CuO nanocomposite for Efficient Photocatalytic Reduction of Pb (II) under Solar Light Irradiation	T. Damodharam, B. Prashanti, I. Sreevani and B. Suresh	Applied Ecology and Environmental Sciences	2019	6	Department of Environmental Sciences, Sri Venkateswara University, Tirupati, 517 502, A.P., India	10
Antidengue potential of leaf extracts of Pavetta tomentosa and Tarenna asiatica (Rubiaceae	T Pratheeba, V Taranath, DVR SaiGopal, D Natarajan	Heliyon	2019	2	AcharyaNagarjuna University, Gunter, AP under Institutional Collaboration	2

Title of the Paper	Name of Author	Title of journal	Year of publication	Number of citations	Institutional affiliation as mentioned in the publication
Topical application of double stranded RNA molecules deriving from Sesbania mosaic virus (SeMV) CP and MP genes protects Sesbania plants against SeMV	Naga CharanKonakalla, AthanasiosKaldi, HemaMasarapu., Andreas E. Voloudakis	European Journal of Plant Pathology.	2019	1	Dept. of Virology, Tirupati and Agricultural University of Athens (AUA), Greece.	1

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Biofabrication, characterization and evaluation of photocatalytic dye degradation efficiency of syzygium alternifolium leaf extract mediated copper oxide nano particles	Prof. N. Savithramma	Materials Research Express	2019	27	11	SV University, Tirupati
Sodium dodecyl	Prof. N.. Y.	Ionics	2019	48	1	SV University,

sulphate assisted hydrothermally synthesized hexagonal prismatic nanocrystalline zinc cobaltite for high performance supercapacitors	Sreedhar					Tirupati
Electrochemical preparation of a novel type of C-dots/ZrO2 nanocomposite onto glassy carbon electrode for detection of organophosphorus pesticide	Prof. N.. Y. Sreedhar	Arabian Journal of Chemistry	2019	43	9	SV University, Tirupati
Synthesis, Antioxidant and Anti-inflammatory Activities of 5-((styrylsulfonyl) methyl)-1,3,4-Oxadiazol / Thiadiazol-2-amine Derivatives	Prof. V. Padmavathi	Letters in Drug Design Discovery	2019	30	1	SV University, Tirupati
Synthesis, Antimicrobial and Antioxidant Activities of Pyrimidinyl Benzothiazine Carboxamides	Prof. V. Padmavathi	Chemistry Select	2019	25	2	SV University, Tirupati

Green Approach for the Synthesis of a New Class of Diamidomethanelinked Benzazolyl Pyrazoles and Evaluation as Antifungals	Prof. A. Padmaja	Journal of Heterocyclic Chemistry	2019	57	2	SV University, Tirupati
Impact of Population Growth on the Environment. A Study on Anantapur District, Andhra Pradesh	T. Damodharam and V. Veerannachari	International Journal of Research and Analytical Reviews (IJRAR)	2020	2	4	Dept. of Environmental Sciences, S.V University, Tirupati, India
Mechanistic investigation of defect-engineered, non-stoichiometric, and morphology-regulated hierarchical rhombus-/spindle-/peanut-like ZnCo2O4 microstructures and their applications toward high-performance supercapacitors.	G. Rajasekhara Reddy, G.R. Dillip, T.V.M. Sreekanth, Ramaraghavulu Rajavaram, B. Deva Prasad Raju, P.C. Nagajyothi, J. Shim	Applied Surface Science	2020	150	3	USIC, Sri Venkateswara University
Enhanced supercapacitive performance of higher-ordered 3D-hierarchical	Gutturu Rajasekhara Reddy, Nadavala Siva Kumar, Borelli Deva	Nanomaterials	2020	30	1	USIC, Sri Venkateswara University

structures of hydroth ermally obtained ZnCo2O4 for energy storage devices	Prasad Raju, Gnanendra Shanmugam, Ebrahim H. Al-Ghurabi, Mohammad Asif,						

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	10	44	Nill	3
Presented papers	16	27	Nill	1
Resource persons	Nill	5	4	Nill

View File

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Anthropology	HDL Variants in the elderly population of Kurichala : insight into the factors contributing to longevity	Indian Council of Medical Research, New Delhi	3500000
Civil Engineering	Strength parameters of building components, Soil Testing, Water parameters etc	RB, Irrigation Dept., TTD etc	1800000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
ELECTRICAL AND ELECTRONICS ENGINEERING	Basic Course on Ac - Dc Drives	APSSDC-SIEMENS-COE	0	246
ELECTRICAL AND ELECTRONICS ENGINEERING	Basics of Low Voltage Switch Gear-1	APSSDC-SIEMENS-COE	0	36
ELECTRICAL AND ELECTRONICS	Basics of Induction Motor	APSSDC-SIEMENS-COE	0	168

ENGINEERING				
MECHANICAL ENGINEERING	Skill Development	APSSDC- SIEMENS-COE	400000	3000

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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Aids Day	Professional Social Workers Association of Andhra Pradesh	7	80
COVID-19 Emergency Relief Program	CAMEL NGO	2	5
International Womens Day	CAMEL NGO	7	15
NSS Special camp	NSS Bureau	4	30
Swatchh Bharat	NCC	1	20
Distribution of Sanitary Napkins for underprivileged girl students	Seva Chakra	4	200
Organised Blood donation Programmes	YRCU	6	200
Blood donation	NSS	7	42
Rally on in connection with "International Day violence against women" 25th NOV 2019	Centre for Women's Studies	10	200

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NCC	C – CERTIFICATE	Ministry of Defence	5
Creative writing	Award	Dalit sahitya Academi-New Delhi	2
Power Walk	Appreciation letter	A. P. Mahila Commission	1

View File

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachha Bharat	SVU College	Janma Bhoomi	3	23
Swachh Bharat	Foreign Languages and Linguistics	Clean and Green	2	18
International Human Rights Day	Human Rights Social Deve.	Awareness Programme	1	300
International Womens Day	CAMEL NGO	Conducted Special Lecture on Women Empowerment	7	75
Social work day World population day	U.G P.G. Colleges	Awareness Programme	5	50
AIDS Awareness General	Govt. Hospital and community	Awareness Programme	5	40
Vanam Manam	S.V. University, Tirupati	Tree Plantation Activity	5	150
Covid -19 awareness Programme to the High School Teachers	Dept. of Virology S.V. University, Tirupati	Organized a lecture and interactive session on coronavirus pandemic	1	60
Ayushman Bharat	1 TN GIRLS BATTALION	Health campaign	1	50
Outreach campaign	Seva Chakra	Awareness campaign on Gender Issue Women Health	4	40
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
India-Russia Joint Research project	Prof. K.T. Ramakrishna Reddy	DST, New Delhi	365
India-Belarus Joint Research project	Prof. K.T. Ramakrishna Reddy	DST, New Delhi	365
Faculty Exchange	Faculty & Student	TEQIP-III	1
Student Exchange	Faculty & Student	TEQIP-III	1
Seminar	Prof. G.	The Institute of	1

| | | Umamaheswara Reddy | Engineers, Tirupati | |

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
On-the-job training	Apprentice	SV University Library	07/08/2019	01/06/2020	7
Internship	Academic	1.Rashtriya Seva Samithi (RASS), Tirupati 2. People´s Action for Social Service (PASS), Tirupati	03/06/2020	31/07/2020	10
In plant training	Academic	Nestle India Pvt. Ltd	05/06/2020	28/07/2020	10
In plant training	Academic	Indian Institute of Food Processing Technology, Tamil Nadu	01/06/2020	31/07/2020	10
Project work	Concurrent field work	NGOs	05/07/2019	04/04/2020	60

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
IGECSagar , Madhya Pradesh	01/06/2019	Sharing of Knowledge between Faculty students	40
C P Aquaculture (India) Pvt Ltd.,Chennai- 600067	13/03/2020	to train scientifically and technically the post Graduate M.Sc., Aquaculture students required for the Industry.	4

India-Belarus Joint Project, DST New Delhi	12/07/2019	Research on In2S3/Sn(S,Se) thin film heterojunctions for photovoltaic application	1

View File

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
4235.94	2870.09

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Seminar Halls	Newly Added
Laboratories	Newly Added
Class rooms	Newly Added

View File

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SOUL	Fully	2	2014

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	1427	400000	40	40000	1467	440000
Journals	241	20000	Nill	Nill	241	20000
Reference Books	110	5000	Nill	Nill	110	5000
CD & Video	20	15000	Nill	Nill	20	15000

View File

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Prof. P.Bhaskar Reddy	Indian Culture	e-PG-Pathshala	Nill
K. V. Sucharitha	Food laws and standards	Swayamprabha	04/05/2020

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1031	17	51	61	51	418	61	100	1
Added	135	19	6	1	1	51	51	6	0
Total	1166	36	57	62	52	469	112	106	1

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Swayamprabha	https://www.swayamprabha.gov.in/index.php/program/archive_he/18#
Ignou	http://www.ignou.ac.in/ignou/aboutignou/icc/iuc/swayam

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
121	10.2	192.56	190.56

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

University has laid standard polices for academics, administration, research, consultancy, construction and maintenance of physical facilities. Engineering department oversees the construction and maintenance of all physical facilities. Central purchase Committee and departmental purchase committees are constituted to look after all the purchases as per standard procedures. The file processing is done through e-office. All the purchases are done through GEM portal. Separate budget is allocated to Engineering department for overall maintenance and most of the departments for maintenance of laboratories, class rooms in their respective departments. Separate budget is allocated for

Directors of University Computer Centre, Sports, ODL, Health Centre to meet the day to day maintenance works. Free medical facility is provided for all the faculty, students and supporting staff. Computer Centre takes care of Internet facility to all the Teaching Faculty and Administrative Staff of the University. Computer Centre Staff are monitoring and maintaining all Internet Operations in the S.V.U. Campus. All the administration wings have been computerized. Library activities are fully computerized. SVU Library is getting access to about 7500 e-journals and Databases under UGC Sodh-Sindhu consortia. Annual finance audit and academic audit are regularly conducted.

https://www.svuniversity.edu.in/IQAC/PDF/PART%20B%204.4.2%20PROCEDURES%20AND%20POLICIES.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	ICSSR, ICHR, JRF, SRF, RGNF, NSTF	27	203000
Financial Support from Other Sources			
a) National	AP State Govt. Jaganana Vidya Deevena	36	440000
b)International	Nill	Nill	Nill
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Advances in data science techniques (ADST-2020)	15/02/2020	80	Takeoff group
PCB DESIGNING FABRICATION	14/09/2019	120	Takeoff group
EMBEDDED SYSTEMS USING ARM 7	19/10/2019	120	Takeoff group
Yoga and Meditation	01/07/2019	360	Pathanjali Yoga
Personal Counseling and Mentoring etc.,	14/08/2019	50	Red Cross Pass (NGOS)
Guest lecture on Applying to graduate schools in the united states for III and IV B.Tech and M.Tech Students	13/11/2019	200	Mr. SuheilImtaiz, Adviser, Education USA USIEF, Hyderabad
30 coaching camps for all games and Athletics	07/10/2019	294	Physical Education department

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2020	GATE	61	Nill	35	Nill
2020	competitive examinations and career counselling	18	18	4	4
2020	A.P. Gram Sachivalayam examination	2	Nill	2	2
2019	QUIZ	50	Nill	8	8
2019	Placement Training	65	65	Nill	50
2019	Placement Training	30	25	8	14

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
No Data Entered/Not Applicable !!!		

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Hetero Labs	121	18	Infosys, Wipro, TCS	28	20

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	1	Ph.D	Mechanical Engineering	NIT TRICHY	PDF
2019	1	M.Sc	Biotechnology	National Dairy	Ph.D

				research Institute, New Delhi	
2019	1	M.Sc	Mathematics	VIT, Vellore Tamil Nadu	Ph.D
2019	1	M.Sc. Virology	Virology	Department of BioNano Gachon University Country - South Korea	Ph.D
2019	5	M.Tech	Computer Science Engineering	IIT-M	Ph.D
2019	13	B.Tech	EEE	NITs and IIT	M.Tech
2019	1	B.Tech	ECE	BITS PILANI, Rajasthan	M.Tech
2019	3	M.Sc. Botany	Dept. of Botany, SVU	Dept. of Botany, SVU	Ph.D. Programme
2020	1	B.Tech	ECE	IIM, Kerala	MBA
2020	8	M.Sc. Botany	Dept. of Botany, SVU	Dept. of Botany, SVU	Ph.D. Programme
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	51
SET	36
SLET	19
GATE	126
CAT	2
GRE	6
TOFEL	5
Civil Services	1
Any Other	58
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sports - All India	Inter-University Level	69
Sports - South-Zone	Inter-University Level	225
Sports - Inter-Collegiate	University Level	2000

Cultural - TALENTS DAY	College Level	40
Cultural - CREADORS 2k19	College Level	205

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Gold Medal	National	3	Nill	25420062 036	S.Dharani
2019	Certific ate of Merit	National	1	Nill	Nill	P.B.Kamala Basha
2019	Particip ated in Inter Univ ersity- Youth Festival Music Comp etitions conducted by AOIU, New Delhi India	National	Nill	1	16220061 005	Venkatan jali
2019	Particip ated in Inter Univ ersity- Youth Festival Music Comp etitions conducted by AOIU, New Delhi India	National	Nill	1	16220061 006	Vishnu Sai
2020	State Youth Festival	National	Nill	1	16220061 002	Pyalakurti Sreeramulu

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students are involved in curriculum design as they are one of the stakeholders. Students take an active part in organizing various departmental and college-level programs, events, conferences, workshops, and symposiums. Students take a lead role in hostel committees like the purchase of provisions, fruits, vegetables, milk and other items and ensuring their quality. The hostel menu is decided by the hostel authorities in consultation with students. For every

class a representative is nominated to represent the students issues to the department administration and convey any college information to all the students. Students actively participate in college level cultural and sports activities. Freshers day and college day celebrations are regularly organized annually to bring out the hidden talents through extracurricular activities. Students actively participate in state level and national level cultural programs and sports activities.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Sri Venkateswara University has strong alumni association.• Alumni Hyderabad Chapter has instituted scholarships worth Rs. 1.2 Lakhs. • Alumni has sponsored funds and developed IoT laboratory in EEE department. • Alumni has sponsored funds and developed Seminar Hall in Chemical Engineering department.

5.4.2 – No. of registered Alumni:

2700

5.4.3 – Alumni contribution during the year (in Rupees) :

120000

5.4.4 – Meetings/activities organized by Alumni Association :

* Alumni Hyderabad Chapter has instituted scholarships worth Rs. 1.2 Lakhs. • Alumni has sponsored funds and developed an IoT laboratory in the EEE department. • Alumni has sponsored funds and developed Seminar Hall in the Chemical Engineering department.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

* Double valuation is adopted to have a more fair evaluation process. • Online Examination pattern is also implemented. • Decentralized evaluation process to publish results early. Students can apply for revaluation if they are not satisfied with the result.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	• Students have to apply online for admissions. • Students are admitted on merit basis through National, State and University level entrance tests like SVUPG entrance test ICET, APRCET, PGECET, EAMCET, ECET and GATE. International students are also admitted in various programs. DDE.
Industry Interaction / Collaboration	• Civil Engineering department is carrying out consultation in

	collaboration with TTD, TMC • Skill development programs are conducted in collaboration with SIEMENS. • Sri Venkateswara University has initiated to establish ISRO Centre on its campus.
Human Resource Management	• Skill development programs for students are conducted in collaboration with SIEMENS. • Faculty Development Programmes like Refresher courses, Orientation programmes and Training Programmes are conducted regularly under UGC-ASC. During 2019-20, 31 orientation programs were organised by the academic staff college. • Training programs for Faculty and Supporting staff are conducted under TEQIP. • Several Faculty members visited abroad on several exchange programmes. • Conducted training programs for Non-teaching staff. • Training Programmes on office Automation are arranged. Non teaching staff are suggested to upgrade their skills by writing departmental examinations.
Library, ICT and Physical Infrastructure / Instrumentation	• Central Library Facility with ICT and 3,87,944 volumes of books, 8,50,000 volumes of journals(print), 170 CDs, 4,500 theses. • Free access is available to 7500 e-journals and databases under UGC Sodh-Sindhu consortia • Department Library facility and instrumentation facility • Centralised instrumentation facilities
Research and Development	• An office of Dean for Research Development is instituted • Research scholars and PG students are encouraged to visit different laboratories of other Universities and research organizations for literature survey and getting innovative ideas. • Vision of Research scholars is broadened through Extension Activities • Centres of excellence have been identified and developed through RUSA funds involving inter-disciplinary research. MoU with Purde and North Eastern Universities have been signed for skill and entreprenurship development. • Many of the interdisciplinary projects are being funded by various national funding organizations. like UGC, ICAR, ICSSR, DMR TUF, MoEF CC, MoES, DST, CSIR, DBT, DRDO, ICMR and BRNS etc. • Established Research committees in all Colleges to promote qualitative, innovative and applied research, to ensure the results of research benefit

	the society and to take up interdepartmental research programmes. • The DST PURSE Center is an example of inter disciplinary effort where the faculty from various departments of Engineering, physical and biological sciences collaborate. • Currently individual faculty members and departments have collaborative research programmes with several national Institutes and Universities like: DRDO, IISc, BARC, CCMB, AIIMS, VIT, IICT, AP Agriculture University, MST Radar Centre (ISRO), AP Biodiversity Board, AP medicinal and Aromatic Plants Board. • Steady rise in scopus indexed based journal publications. • Faculty members are encouraged to present research papers in International Conferences organised outside the country. • Scholars pursuing PhD are insisted to compulsorily publish papers in UGC recommended/Scopus indexed/Thompson Reuter journals only. • Students have to obtain Plagiarism Check Certificate from the concerned authority in order to submit their PhD thesis.
Examination and Evaluation	• The University is well known for its fair and transparent examination pattern. • Innovative methods are implemented to conduct examinations and declare the results at the earliest possible time without compromising on quality of conduction and evaluation. • Double valuation is adopted to have more fair evaluation process. • Online Examination pattern is also implemented. • Decentralized evaluation process to publish results early. Students can apply for revaluation if they are not satisfied with the result. Remedial classes are arranged for the needy students.
Teaching and Learning	• Modern teaching aids like interactive boards, ppts are used to improve quality of teaching. During Pandemic situations online teaching is initiated with modern ICT. • Group discussion and case study approaches are encouraged • Guest lectures and webinars are arranged by individual departments for the benefit of the Students. • Students are encouraged to utilize MOOCS and SWAYAM portals. • Students are permitted to utilize e-content of prescribed books offered by some publishers. • Providing coaching

	classes for "Entry into Services" to students belonging to all categories. • Distance learning is facilitated on the campus. Wide range of courses/programs are offered under distance learning.
Examination and Evaluation	• University involves various stakeholders in designing the curriculum. The curriculum is designed to address the needs of the present and future, interdisciplinary, value based and socially relevant. • Curriculum development is based on UGC, AICTE, APSCHE guidelines and periodical review complying with Industry/Societal requirements. • Choice Based Credit System with open electives has been open up to students giving scope to take intra and inter disciplinary subjects. • Selected courses offered through on-line- learning mode (MOOCS, SWAYAM) and are given credits. • University adopted outcome based education (OBE) in the engineering programs and all the eligible programs got accredited by NBA, New Delhi.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Administration	E-Office is being implemented for all administrative file movement and tracking.
Finance and Accounts	E-Office is being implemented for the finance section for file movement and tracking.
Student Admission and Support	Student admission process and support activities are done through digital technology.
Examination	Examination section works are partially digitalized.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. B. Madhusudhana Reddy, Dr. S.Aruna Jyothy	Professional development training	IIM,Raipur	56181
2019	Prof. D.V. Satyanarayana	Professional development training	IIM, Kashipur	12960

2019	Dr. B. Madhusudhana Reddy	FDP on "Fiber reinforced concrete and its applications"	NIT, Surathkal	31803
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Sponsored research, IPR and Entrepreneurship	-	01/08/2019	03/08/2019	1	Nill
2019	Sensitizing Higher Education Institutions to Promote Quality Assurance for Nation Building-Opportunities and Challenges	-	09/11/2019	10/11/2019	1	Nill
2019	Audit and Legal Aspects of Administration	-	15/11/2019	16/11/2019	3	Nill
2019	TEKHACK 2019	-	01/08/2019	04/08/2019	5	Nill
2019	Co-operation self organising paradigm for online smart grids voltage regulation	-	18/12/2019	20/12/2019	11	Nill
2019	-	National Workshop on	19/12/2019	23/12/2019	Nill	6

		Strategic Quality Initiatives in Technical Education					
2019	-	TEKHACK 2019	01/08/2019	04/08/2019		Nill	7

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Digital Transformation in Teaching Learning Process	1	14/02/2020	06/03/2020	15
Mathematical Modeling and Simulation for Scientists and Engineers	2	24/02/2020	07/03/2020	14
Train the Trainers on Examination Reforms	1	09/01/2020	11/01/2020	3
Sensitizing Higher Education Institutions to Promote Quality Assurance for Nation Building - Opportunities and Challenges	1	09/11/2019	10/11/2019	2
Sponsored Research, IPR and Entrepreneurship	2	01/08/2019	03/08/2019	3
Professional Development Training	4	15/07/2019	19/07/2019	5
TEQIP-III 1.3, two day workshop on "Innovations and Patents"	1	27/12/2019	28/12/2019	2
Refresher course on Environmental	3	23/12/2019	04/01/2020	12

studies organized by Human Resource Development Centre				
Refresher Course on Information and Communication Technology	2	10/02/2020	22/02/2020	13
Integration of Renewable Energy systems- Research Tools/ Industrial Perspective	1	18/05/2020	22/05/2020	5
[View File](#)				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	310	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Health Center, Cooperative stores, gas supply, Games and sports facilities, recreation facilities, GYM, spacious grounds, stadium, central computing facility, central library, post office, banks, Hostels for both boys and girls, Staff quarters for teaching faculty and nonteaching staff are available on campus. Vehicle loan facility is provided for Teaching Faculty and Non teaching staff, Retired faculty association	Health Center, Cooperative stores, gas supply, Games and sports facilities, recreation facilities, GYM, spacious grounds, stadium, central computing facility, central library, post office, banks, Hostels for both boys and girls, Staff quarters for teaching faculty and nonteaching staff are available on campus. Vehicle loan facility is provided for Teaching Faculty and Non teaching staff,	Health Center, Cooperative stores, gas supply, Games and sports facilities, recreation facilities, GYM, spacious grounds, stadium, central computing facility, central library, post office, banks, Hostels for both boys and girls, Staff quarters for teaching faculty and nonteaching staff are available on campus. Vehicle loan facility is provided for Teaching Faculty and Non teaching staff.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Academic audit is done by CAAG and SVU IQAC. Administrative audit is done by CAAG and State Govt. Audit. Every year in the department, auditing will be conducted for the budget sanctioned to the projects by national funding agencies and for the budget sanctioned to the department by the universities.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
-	Nill	Nill
No file uploaded.		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	CAAG	Yes	IQAC
Administrative	Yes	CAAG	Yes	STATE AUDIT

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Presently 247 affiliated colleges are functioning under S.V.Univesity The affiliated colleges are advised to get NAAC "A" Grade to elevate to Autonomous Status.

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

•Teachers - Parents meeting is arranged during the starting of the academic year regularly to discuss about the educational progress of the students. Parents are always extent their supportive hands •Suggestions regarding academic and administrative reforms are heartily welcomed and implemented •Counselling the students against ragging and other antisocial activities

6.5.4 – Development programmes for support staff (at least three)

• Training programs for Supporting staff are conducted under TEQIP • Skill development programs for supporting staff are conducted in collaboration with SIEMENS. • Creating Health awareness and benefits • Financial support for other works (recommendation for loans to education of children providing vehicle purchasing loans • Computer training is imparted under TEQIP/IFMS/CFMS • Annual sports events are conducted to encourage the staff to keep themselves fit.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

ICT-enabled classes are developed in all departments. The blended teaching-learning process implemented in all departments. faculty publications in SCI/WOS journals having high impact factor and h-index are drastically increased. Library volumes are enhanced. Online viva voce examinations are implemented for PG Ph.D. students. 3 weeks induction program was conducted for first B.Tech students after their admissions according to UGC Regulations. e-Governance and e-Procurement are implemented. Major projects are sanctioned from UGC, ICMR, DBT, DST-SERB, DRDO. Faculty participated and conducted webinars/online FDPs to enhance their knowledge during the pandemic. A new buildup area is added in the EEE CSE building.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No

d)NBA or any other quality audit	**Yes**

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	**workshop on "Sponsored Research IPR Entrepreneur ship"**	**01/08/2019**	**01/08/2019**	**03/08/2019**	**104**
2019	**workshop on "Sensitizing Higher Education Institutions to Promote Quality Assurance for National Building – O pportunities and Challenges"**	**09/11/2019**	**09/11/2019**	**10/11/2019**	**117**

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International Womens Day Celebrations	**08/03/2020**	**08/03/2020**	**3**	**14**
Story writing on Feminism	**02/03/2020**	**02/03/2020**	**75**	**70**
Voguer and Equity – Women's Day	**08/03/2020**	**08/03/2020**	**Nill**	**50**
World Tourism Day	**27/07/2019**	**27/07/2019**	**9**	**29**

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Bio manure preparation using the plant debris material through compost waste management. Biosafety management in the laboratories by following the safety rules and regulations and waste discarding procedures as per the DBT RCGM regulations. Chemical wastes are stored in appropriate containers plastic bottles are preferred over glass for storing hazardous waste. Segregate

chemical waste by compatibility. Chemical waste containers must be labeled with the information: Full chemical name and quantity of the waste. For mixtures, each chemical must be listed with: Date of waste generation Place of origin (department, room number) Bottle number assigned on corresponding waste sheet. The tag or label must have the words: Hazardous Waste. A completed Hazardous Waste Information Form must be submitted to the Environmental Health and Safety Office EHS will review and provide written approval. Disposal of any chemical into the solid waste disposal system is not allowed. Biomanure preparation using the plant debris material through compost waste management. • Biosafety management in the laboratories by following the safety and regulations and waste discording procedures as per the DBT RCGM regulations

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	20
Ramp/Rails	Yes	100
Rest Rooms	Yes	10

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	01/07/2019	30	Web counseling for ug pg programmes	Allotment of seats for ug and pg students.	50000
2019	1	1	Nill	1	Rural Camp	Human Rights Social Dev.	52
2019	1	1	Nill	1	Social service in collaboration with Tirupati City Chamber	Distribution of food Beds heeets	51
2019	Nill	1	Nill	1	IGNITE	Awareness Program for Girl students of Govt. Schools	37
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Students Hand Book	Nill	Every year University publishes students handbooks stating all the guidelines, code of conduct, facilities on the campus at the time of admissions.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Seminars	03/01/2020	04/01/2020	15

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Power and water management/saving awareness campaigns among the students and teachers. Keep the green campus intact by planting trees, waste management, and rainwater harvesting to maintain an eco-friendly environment on the campus. Conducting clean and green programs on every dept. on regular basis to maintain the clean campus. Conservation of flora and fauna in and around the campus. · Clean and Green and Swatch Bharat · Vanam Manam program for plantations · Domalapai Dandayatra · Health and lifestyles: (As a part and parcel of academic activity) • Power of waste management/saving awareness campaigns among the students and teachers. • Rainwater harvesting pits have been constructed at various places in the university. • Keep the green campus intact by planting trees, waste management, and rainwater harvesting to maintain an eco-friendly environment on the campus. • Conducting clean and green programs on every department on regular basis to maintain the clean campus. • Planting trees within the university premises with university officials on days of environmental importance. • Conservation of flora and fauna around the campus. . Rainwater pits • Solid Waste Management • Plantation Programs • Watering the plants • Trimming of plants to avoid contact with Electrical lines • Swachcha Bharath – 1st Saturday of every month • Solar Energy harvesting by exacting solar panels on the open terries of University buildings

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE- I Keeping faculty up-to-date with current areas of the discipline to impart quality education. The Institute organizes Faculty Development Programs (FDP's), seminars, workshops, etc. for enhancing and upgrading the knowledge of faculty members. Such practices have a profound impact on quality enhancement and the overall development of faculty as well as students. It absolutely impacts the academic functioning of the Institute and facilitates the role of a teacher as educator and mentor. The Institution conducts the FDP's/seminars/workshops/Guest Lectures with the following objectives: • To upgrade their knowledge and skills • To improve their effectiveness as teachers and mentors • To promote research work in their field of specialized • To inculcate values and ethics • To bring innovation and creativity in the teaching-learning process • To develop sensitization towards the environment and other social issues Many programs to enhance the knowledge of faculty are conducted on a timely basis in our institute. These include FDP's/seminars/workshops, interactive sessions, and motivational lectures from eminent persons on topics related to research, management, interpersonal communication, values, and ethics, etc. These programs explain the teachers with best practices across the world, helps in developing the right research

environment, build professional ethics, and become effective teachers. BEST PRACTICE- II Pedagogy addressing outcome-based education and making student-teacher intellectual development. The objectives/intended outcomes of this best practice are: • To facilitate an effective teaching-learning process in all the courses. • To accomplish the holistic growth of students and enhance their learning experiences and outcomes. To ensure active teaching-learning, students are actively involved in the teaching-learning process through student-centered innovative pedagogies such as inquiry approach, constructive strategies, project learning, brainstorming sessions, ICT-based learning, and presentations. Monthly attendance of the students is informed to the students to make them alert. Based on low attendance, students are detained from appearing in examinations (at the end of the semester). Each department submits an annual report on the activities comprising academic activities, research and extension activities. Innovations in teaching/learning, publications, staff and student achievements, extra and co-curricular activities are also highlighted in the report. Annual reports of various departments are consolidated at the Principal's office. To ensure quality and enhancement, the Institute periodically conducts the performance audit of the departments(by Internal Quality Assurance Cell) which includes a review of Teaching-learning methodologies, result in analysis, research output, Faculty Development Programs attended/conducted and Extension activities, Co-curricular and extra-curricular activities conducted during the year. Providing quality post-graduate education of high standards in Arts, Science, Pharmacy Engineering and Management through achieving excellence in teaching and research. Introducing students to basic and advanced concepts/technologies/methods of core and interdisciplinary subjects along with wide practical frameworks involving quality training of international standards that can provide the knowledge and skills for identifying the problems and finding the solutions, which will make them eligible for higher studies, employability opportunities in national/international teaching and research institutes and industries and entrepreneurship abilities. Preparing students to have qualities such as honesty, integrity, carefulness, courage, resilience, self-discipline, openness, innovative thinking, and determination to keep going forward, which make them ethically strong and to contribute to the betterment of society and humankind. Women Staff are appointed to take care of women students.It is the only University in Andhra Pradesh implementing the Exclusive Sports Quota for outstanding sportsmen and women in PG courses To participate in local level tournaments and also empower the students for officiating local level tournaments To organize Republic Day, Independence Day, and University Convocation Ceremony. Sports and Games Nodal center for all affiliated colleges. Ragging free campus. Established Skill Development Center(SIEMENS) in SVU College of Engineering. Conducting a three-week induction program for I BTech students in SVU College of Engineering. Providing coaching classes for "Entry into Services" to students belonging to all categories and conducting Personal Interviews for the students before facing the actual placements process. Organized Blood Donation Camps. We have invited scholars from abroad to do research in the department we are encouraging the students/Scholars on creative writing by conducting workshops We are encouraging the students/scholars to participate in the cultural activities in the campus We are inviting eminent writers/poets/critics to the department to enrich the students/scholars knowledge by utilizing their experiences. We are encouraging the students/Scholars to participate on various Literary and General competitions like quizzes, debates, electution, etc,. We are also inviting retired professors to deliver lectures in various topics in the curriculum of the program.

| Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link |

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Sri Venkateswara University is contributing significantly through research in humanities, science and technology, engineering, and management. The University has made rapid strides in the field of higher education and research and is adjudged as one of the best universities in the country and got an accredited A grade by NAAC. Various prestigious rankings and academic credits in the year 2019-2020 are as follows: QS INDIA RANKINGS - 2020: 44 NIRF University Category: 38 THE Young University rankings: 101-150 Education world Rankings 2020: 23 Sri Venkateswara University has identified the need for world-class research and as one of its best practice has formulated multi-disciplinary research teams with the following as the objectives 1. Inculcating a self-learning attitude in students and enhancing their interest in their concerned subjects. 2. Encourage faculty members to enhance their knowledge base by permitting them to attend more FDPs/seminars/ workshops. 3. Arranging training for the supporting staff in their concerned sections to improve their technical skills and technical know-how(e-Governance). 4. Encouraging industry-oriented projects/research. 5. Encouraging scholars to publish articles in SCI/WoS journals only. 6. Training Research Scholars for effective usage of ICT tools for carrying out technology-based socially relevant research and publish articles in renowned SCI/WoS journals. Pursuing cutting-edge research on the key issues through sponsored research projects and promoting collaborative linkages with premier national/international research institutes/universities/industries for advancing scientific knowledge and its exchange to develop plausible process/products in contemporary areas of arts, science, pharmacy, management, and engineering science. Imparting knowledge and skills to the students on human and professional ethical practices and principles, responsibilities and norms that need to be followed in personal life and professional career and to act as a responsible global citizen by contributing to the society and human well-being.

Provide the weblink of the institution
https://www.svuniversity.edu.in/IQAC/PDF/PART%20B%207.3.1%20INSTITUTIONAL%20DISTINCTIVENESS.pdf

8.Future Plans of Actions for Next Academic Year

To get more collaborative research projects with reputed National / International Institutes. To apply for patents relevant to the activities of the nearby industries.To attract more funds from external funding agencies for research on control measures and to establish cooperative relationships with leading organizations/ industries. To strengthen the periodical teacher Educational programs. To promote the publication of high-quality research works in the fields of Arts, Sciences, Commerce, and Engineering, Publications may range from more or less extensive accounts of the state of the art in a field to which the authors have made significant contributions, to shorter monographs representing important advances on more specific issues. Planning to conduct a large number of pre-placement activities for the final year students of various courses, so as to help them optimally utilize the benefits of placement opportunities. To bring more awareness about National Service Scheme (NSS), in order to inculcate the sense of service, Nationalism and humanity among youth. More activities of Social Outreach would be organized like donation camps, blood donations, plantation drives, environment awareness events etc. Through these schemes, students are sensitized to help downtrodden people of society.

More extension lectures, industrial interaction and industrial visits will be scheduled, so as to bridge the gap between classroom teaching and industrial requirements. Planning to offer Certification courses in various fields like Yoga and sports etc.,