



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		SRI VENKATESWARA UNIVERSITY
Name of the head of the Institution		Sri. Sathish Chandra, IAS
Designation		Vice Chancellor (in-charge)
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08772289412
Mobile no.		9666665700
Registered Email		vcsvutpt@yahoo.com
Alternate Email		registrarsvu@gmail.com
Address		Tirupati
City/Town		Tirupati
State/UT		Andhra Pradesh
Pincode		517502
2. Institutional Status		

University	State
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Prof. G. Prabhakar
Phone no/Alternate Phone no.	08772289551
Mobile no.	9866143523
Registered Email	iqac.svu121@gmail.com
Alternate Email	svuiqac@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://svuniversity.edu.in/IOAC/PDF/AQAR-2017-2018.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://svuniversity.edu.in/IOAC/PDF/2018-19/academic%20calendar%202018-19.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	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

EAC (Entrepreneurship Awareness Camp)	26-Apr-2019 3	60
Entrepreneurship Awareness Program	02-Oct-2018 5	200
Advisory Committee Meeting of IQAC	22-Oct-2018 1	18
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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 :

6

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

Collecting online feedback on teachers. Conduct of academic auditing. Collecting selfappraisal API Scores of teachers.

[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
A.P. I	The Vice-Chancellor recommends the teachers for state and University Best teacher awards based on the API score.
Academic audit	Monthly and Annual Academic audit is done by state Audit and years audit is done by CAG
Feed backonline	Individual Feedback is sent to the concerned teachers for further improvement
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Hon'ble Vice-Chancellor, Rector, Registrar, NAAC Director, IQAC DDirector, NAAC University Committee Members	18-Dec-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

07-Jan-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

Management Information System is partially implemented in some sections of the university.

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
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MSc	230	Food Science Nutrition and Dietetics	19/02/2019
MSc	232	Human Development and Child Welfare	19/02/2019
MSc	234	Extension Management and Communication Technology	19/02/2019
MA	110	English	02/07/2018
MS	254	Food Technology	02/07/2018
BTech	1-1422777042	Electronics & Communication Engineering	02/07/2018
BTech	1-1422777046	Electrical & Electronics Engineering	02/07/2018
Mtech	1-1422777048	Power Systems	02/07/2018
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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
MSc	Home Science	02/07/2018	Food Science Nutrition and Dietetics - 230	02/07/2018
MSc	Home Science	02/07/2018	Human Development and Child Welfare - 232	02/07/2018
MSc	Home Science	02/07/2018	Extension Management and Communication Technology - 234	02/07/2018
MS	Home Science	02/07/2018	Food Technology - 254	02/07/2018
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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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	Programme Specialization	Date of implementation of
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CBCS		CBCS/Elective Course System
Nil	CBCS/Elective course system has been implemented for all the programs since AY 2016-17	Nil

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
Personality development Life skills - Psychology	02/07/2018	125
Social, Economic and Cultural History of Vijayanagaram Empire	16/08/2018	33
Animal Biotechnology	Nil	40
Siemens, NPTEL Online courses	Nil	91
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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	Organic Chemistry	49
BTech	Electrical & Electronics Engineering	67
BTech	Civil Engineering	64
MEd	Education	14
LLM	Law	4
MLibISc	Library and Information Science	20
MA	Adult Education	14
MSc	Biological Anthropology	12
MSc	Social Cultural Anthropology	11
MSc	Botany	97
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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	No
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

The departments initiate structured feedback activities to obtain student feedback, faculty feedback, parent feedback, alumni feedback, course exit survey, etc. the feedback collected on various points is analyzed and appropriate actions are taken. Suggestions for Continuous evaluation of infrastructure and learning resources is taken by using respective committees and the recommendations are incorporated for upgrading, maintaining, and utilizing physical, academic, and support facilities. The feedback was collected from students and teachers by IQAC of the University. The Same was communicated to each faculty member to know the opinion of the students about the syllabus and performance of concerned teachers. Based on the rating given for each parameter and total score by the students, the faculty of the departments made changes in teaching methods, curriculum up-gradation, mentoring process, and providing guidance to the students. Self-appraisal reports are collected from faculty members every year and based on their API scores their names are recommended for various awards. Students Feedback: The students suggested that expert lectures can be arranged for fundamental subjects. They felt that more numerical problems are to be solved for analytical subjects. HODs are instructed to arrange expert lectures for respective subjects. Teachers are advised to solve more numerical problems through assignments, to the students. The remarks are collected at different levels in the course of the academic session and the feedback is taken every week from the student representatives of individual classes. Faculty Feedback: The academic behavior feedback from the students is analyzed and the essential corrective measures are recommended to faculty members. The remarks are likewise shared with the department for any corrective measures. Syllabus coverage feedback is accrued from the individual subject teacher. Parents Feedback: Parents want their wards to be trained with leadership and personality development. The number of industry-based projects needs to be increased. The departments are suggested to organize soft skills as well as aptitude training programs for students. Interested students may be helped for doing projects. Alumni Feedback: Feedback is taken from alumni for suggestions or improvements in the curriculum. Through the various feedbacks obtained, industry needs and market needs are considered in designing curriculum, program structure, course syllabus, teaching methods, and teaching materials.

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
Mtech	Production Engineering	24	19	19
BTech	Chemical Engineering	60	60	52
MCA	Computer Application, Computer Science	181	989	180
MCom	General, Financial Management, Accounting & Finance	160	1914	160

MSc	Biotechnology	42	383	35
MSc	Botany	52	448	45
MSc	Aquaculture	40	252	40
MA	Telugu Studies	80	358	80
MA	Sociology	25	70	25
MA	Performing Arts - Music	15	8	4
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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
2018	529	2193	156	420	576

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	Number of smart classrooms	E-resources and techniques used
576	576	5	81	57	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)

The enrolled students were allotted to the teachers in the beginning of the academic year. The students are encouraged to set their goals and provide the guidance needed to achieve their goals. The mentors have been taking care of their mentees and helping them to solve their problems as far as possible. Mentors monitor the students' progress in terms of learning and identifying their potentialities and also the difficulties in their progress. 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 Participants are assessed without bias. The aim is to build relationships, identify strengths and gaps, give them responsive coaching, and remedial measures are taken up. Each Faculty is allotted 10-15 students. The teacher 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 coordination committee will meet biannually. The mentors identify the students' problems and give solutions to the difficulties of the students in their academic progression. They are given moral and psychological support which is conducive for a friendly learning environment. The mentorship is also planned in such a way that could be measured and recorded for the observation and study of performance enhancement. Each and every student is monitored personally and taken care in academic and personnel interests. The mentors have feedback in the beginning and at the end of the course so that the score will speak about the performance of the mentorship.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
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6187

576

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	236	337	Nil	230

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
2018	Prof. K.Padmini	Professor	Keerthi Purashkar, Potti Sriramulu Telugu Viswavidyalayam
2018	Prof. K. Sudharani	Professor	Vidya Parirakshana Samithi Best Teacher Award 2018 State Best Teacher Award 2018
2018	Dr. M.Ameenulla	Assistant Professor	Best Urdu Teacher Award, A.P.State Urdu Academy
2018	Prof. S D S Murthy	Professor	Govt. of AP Best Teacher Award. (State level)
2018	Prof. C. Suresh Reddy	Professor	State Level Best Teacher Award 2018, Awarded by Govt. of AP, Amaravathi.
2019	Prof. V. Padmavathi	Professor	Lifetime Achievement Award" in Chemistry by Venus International Faculty Awards - VIFA, 2019.
2019	Prof. A. Padmaja	Professor	Fellow- AP Academy of Sciences 2019.
2019	Dr. R Ranjani	Assistant Professor	Acted as a 'JURY MEMBER in District level exhibition cum projects competitions, Inspire Awards MANAK -2019 at Nellore sponsored by DST, New Delhi

2019	Dr. A. Usha Rani	Professor	Life Time Achievement Award in Science (Zoology)
2019	Prof. B. Ramachandra Reddy	Professor	Bharatiya Udyog Rattn Gold Medal Award Receive from Global Economic Progress and Research, New Delhi.
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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
Mtech	Production Engg.	II Semester	02/05/2019	04/07/2019
Mtech	Industrial Engg.	II Semester	02/05/2019	04/07/2019
MSc	Physics - 242	II and IV Semester	30/04/2019	01/06/2019
MA	Rural Development and Management - 103	IV Semester	04/05/2019	05/06/2019
MA	Adult Education - 102	IV Semester	05/05/2018	04/06/2018
MA	Telugu - 140	Semester	11/04/2019	30/08/2019
MSc	Virology -272	I and III Semester	11/12/2018	13/08/2019
MCom	Finance Mangagement - 355	IV Semester	12/04/2019	22/12/2019
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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
Nil	Nil	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://svuniversity.edu.in/agar-2018-19>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
1-1422777048	Mtech	Power Systems	17	17	100
1-1422777046	BTech	Electrical & Electronics Engineering	40	40	100
254	MS	Food Technology	41	41	100
230	MSc	Food Science Nutrition and Dietetics	12	12	100
140	MA	Telugu - Literature & Language	80	78	98
B.P.Ed	BPEd	Physical Education	87	84	97
162	MA	Performing Arts - Music	9	8	89
108	MA	Econometrics	24	24	100
103	MA	Rural Development & Management - Employability	18	18	100
168	Mlibisc	Library and Information Science	19	19	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://svuniversity.edu.in/IOAC/PDF/2018-19/2.7.1.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.D.V.R.Sa iGopal	NCRM- NICHE Tokyo	21/10/2018	NCRM-NICHE
International	Dr.E.Kesavulu Reddy	Fellow of Computer Science Research Council (FCSRC)	31/01/2019	Open Association of Research Society(USA) Global Journals
International	Dr. G. Madhavi	DST- SERB International travel grant award.	Nil	DST
International	Prof. K. Tyagaraju	BSR	Nil	UGC
National	Dr. V.Sugunamma	Distinguished Women in science Award	Nil	Venus International Women Awards, Chennai
National	Prof. P. Srinivasulu Reddy	JANAPADA SAHITHI RATNA -2018	16/12/2018	Telugu Janapada Sahithi Parishath Hyderabad.
National	Dr. A.Kusuma	Distinguished Scientist in Social Work- Venus International Women Awards- VIWA	Nil	Venus International Foundation , Chennai
National	Prof.CH. Appa Rao	AP Best Teacher	Nil	AP Academy
National	Dr. A. Sudhakaraiiah	Bharat Gaurav Puraskar award	Nil	International publishing house
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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	5	UGC
PDF	2	ICSSR
NFST-1	3	Ministry of Tribal Affairs
BSR	4	UGC, New Delhi
UGC-PDFSS	5	UGC
DST Inspire Fellowship	5	Department Of Science Technology (DST), Govt. Of India
Project Assistant	5	DBT-New Delhi

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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
Any Other (Specify)	3	UGC	33	33
Major Projects	3	ICMR, New Delhi	30	30
Major Projects	3	UGC-ISF	137	137
Any Other (Specify)	2	DBT, GoI, New Delhi	1000	1000
Major Projects	3	DST	48.41	23.93
Any Other (Specify)	3	Indian Council of Medical Research, New Delhi	35	11.6
Major Projects	3	UGC, NEW DELHI	10	8
Major Projects	5	DBT	87.36	7.69
Major Projects	3	CSIR, New Delhi	18.96	3.46

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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
IEI Sponsored one day workshop on Entrepreneurship in Electrical Engineering	Electrical Electronics Engineering	24/10/2018
UGC Three-week refresher course on Entrepreneurship	Electrical Electronics Engineering	24/09/2018
SIGMOID 2k19, A National level technical symposium	ECE	13/03/2019
Entrepreneurship Awareness Camp	ECE	10/06/2019
Faculty Development Program on Entrepreneurship	ECE	26/04/2019
National Level	Chemical Engineering	26/03/2019

Technical Symposium CHEMOSPHERE 2K19		
GST TRAJECTORY: CHALLENGES AND OPPORTUNITIES	COMMERCE	24/01/2019
Workshop on Patenting	Collaboration with IPR cell, Chennai at DST- PURSE Centre	03/09/2018
International Seminar on Iqbal ke Kalam ki Asri Manaviyat	Arabic, Persian Urdu	16/03/2019
Data Science for a Growing Nation in Conjunction with 13th National Statistics Day	Statistics	29/06/2019
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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
Community Service Award	Prof. P. Raghunadha Reddy	NIL	09/06/2018	Service Award
AIMS - ICFAI Award for 2018	Prof. P. Raghunadha Reddy	AIMS - ICFAI	01/09/2018	Research
Pratibha Award	P. Abdul Subhan (Student)	Govt.of A.P.	Nil	Academic
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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
NIL	NIL	NIL	NIL	NIL	Nil
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Zoology	20
Chemistry	16
Telugu Studies	13
MCA	14
ECE	13
EEE	11
Department of Management Studies	7
Physics	13
English	9

Library and Information Sciences	6
Performing Arts	3
Population Studies	6
Mathematics	4
Philosophy	2
Chemical Engineering	1
Statistics	7
Virology	5
Commerce	5
Geology	3
Education	2
History	2
Biochemistry	2
Environmental Science	2
Adult and Continuing Education	1
AIHC Archaeology	1
Econometrics	1
Urdu	1
Anthropology	1
Botany	1
Fishery Science and Aquaculture	1
Microbiology	1

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)
International	Electronics and communication Engineering	58	5.75
International	Commerce	19	5.45
International	Library and Information Science	5	5.25
International	Chemistry	61	3.22
National	Environmental Science	4	1.24
International	Fishery Science and Aquaculture	5	26.21
International	MCA	24	5.8
International	Physics	47	2.67
National	Mathematics	35	17.4
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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
Population Studies	3
Telugu Studies	5
Urdu	14
Botany	4
Commerce	9
Fishery Science and Aquaculture	1
Anthropology	1
Philosophy	1
Linguistics	1
Econometrics	1
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Formulation and development of laddu with garden cress seeds	Published	TEMP/E-1/3391/2	01/08/2019
System identification using adaptive control system	Published	201641011787	Nil
Reduction of EMI in pressure sensor using microstrip filter	Published	201641011789	Nil
Automated Toy of Lord Venkateswara	Published	201941010186	Nil
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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
Studies on the interactions of 5-R-3-(2-pyridyl)-1,2,4-triazines with arynes: Inverse demand aza-Diels-Alder	Prof. V. Padmavathi	Org. Biomolec. Chem., 16, 5119 (2018).	2018	36	Sri Venkateswara University	36

reaction versus aryne mediated domino process,						
Effective SWCNTs/Nafion Electrochemical Sensor for Detection of Dicapthon Pesticide in Water and Agricultural Food Samples	Prof. N. Y.Sreedhar	Chemical methodologies	2018	6	Sri Venkateswara University	6
Synthesis, Molecular Properties Prediction and Antimicrobial Activity of Imidazolyl Schiff Bases, Triazoles and Azetidines,	Prof. V. Padmavathi	Chem. Biodiversity., 16,e1900073 (2019).	2019	8	Sri Venkateswara University	8
Nano-TiO ₂ /SiO ₂ catalyzed synthesis, theoretical Calculations and bioactivity studies of new α -aminophosphonates,	Prof. C. Suresh Reddy	Phosphorus, Sulfur, and Silicon and the Related Elements	2018	1.8	Sri Venkateswara University	3
Palladium Acetate Catalysed One Pot Green Synthesis of Bis α -	Prof. C. Suresh Reddy	Research on Chemical Intermediates	2019	3.9	Sri Venkateswara University	1

aminophosphonates						
Synthesis, Antimicrobial and Antioxidant Activities of Pyrimidinyl Benzothiazine Carboxamides,	Prof. A Padmaja	Chemistry Select., 4, 6813 (2019).	2019	2	Sri Venkateswara University	2
Synthesis and bioassay of a new class of disubstituted 1,3,4-oxadiazoles, 1,3,4-thiadiazoles and 1,2,4-triazoles	Prof. A Padmaja	Med. Chem. Res., 28, 1049 (2019).	2019	3	Sri Venkateswara University	3
Modified conductive polyaniline-carbon nanotube composite electrodes for bioelectricity generation and waste remediation	Prof. Y.V. Rami Reddy	Bioresource Technology	2019	35	Sri Venkateswara University	35
Fabrication of Graphene-CuO Nanocomposite with Improved Photocatalytic Degradation for Palladium Solution under Solar Light Irradiation	T. Damodharam and B. Prashanti	Journal of Nanoscience and Technology	2018	2	Sri Venkateswara University, Tirupati	1
Multifunctional	Dr. K.V. Sucharitha	Nano Biomedical	2018	8	Sri Venkateswara U	8

silver Nanoparticles by Fruit Extract of Terminalia Belarica and their Therapeutic Applications: A 3-in-1 System		Engineering			University, Tirupati
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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
Judd-Ofelt analysis and luminescence studies on Dy ³⁺ -doped different phosphate glasses for white light emitting material applications	B. Nagaraja Naick, S. Damodaraiah, V. Reddy Prasad, R.P. Vijaya Lakshmi, Y.C. Ratnakaram	Optik	2019	66	1	Sri Venkateswara University
Absorption and luminescence studies of Sm ³⁺ ions activated in distinct phosphate glasses for reddish orange light applications	B. Nagaraja Naick, V. Reddy Prasad, S. Damodaraiah, A.V. Reddy, Y.C. Ratnakaram,	Optical Materials	2019	103	2	Sri Venkateswara University
Emission spectra and energy transfer studies in	K. Anilkumara,, S. Damodaraiah, S. Babu, V.	Journal of Luminescence	2019	115	2	Sri Venkateswara University

Dy ³ and Eu ³ codoped potassium fluorophosphate glasses for white light applications	Reddy Prasada , Y.C. Ratnakaram					
Investigations on spectroscopic properties of Nd ³ doped alkali bismuth phosphate glasses for 1.053 μm laser applications	S. Damodaraiah, V. Reddy Prasad, Y.C. Ratnakaram	Optics and Laser Technology	2019	76	1	Sri Venkateswara University
Temperature controlled properties of submicron thin SnS films	Stephen N Nwankwo, Stephen Campbell, Ramakrishna K T Reddy, Neil S Beattie, Vincent Barrioz and Guillaume Zoppi	Semiconductor Science and Technology	2018	112	1	Sri Venkateswara University
Sulfurization temperature dependent physical properties of Cu ₂ SnS ₃ films grown by a two-stage process	Phaneendra Reddy Guddetia, Sreedevi Gedib , K.T. Ramakrishna Reddy	Materials Science in Semiconductor Processing	2018	60	2	Sri Venkateswara University
A critical study of the optical and	Sreenivasulu Reddy Tirumalareddygarra, Phaneendra Reddy	Applied Surface Science	2018	188	2	Sri Venkateswara University

electrical properties of transparent and conductive Mo-doped ZnO films by adjustment of Mo concentration	Guddetib, K.T. Ramakrishna Reddy					
Effect of annealing on the physical properties of thermally evaporated In ₂ S ₃ thin films	S. Rasoola, K. Sarithaa, K.T. Ramakrishna Reddy, M.S. Tivanovb, A.V. Trofimova, S.E. Tikotob, L. Bychtoc, A. Patrync, M. Mali?skic, V.F. Gremenok	Current Applied Physics	2019	86	1	Sri Venkateswara University
Hydrothermally synthesized porous Mn ₃ O ₄ nano particles with enhanced electrochemical performance for supercapacitors	Dadamiah PMD Shaika, Rosaiah Pitcheric Yejun Qiuc, O.M. Hussain	Ceramics International	2018	110	2	Sri Venkateswara University
A facile synthesis of Fe ₃ O ₄ -Gr nanocomposite and its effective use as electrochemical sensor for the determination	G. Venkatasaprasada, T. Madhusudana Reddy, A. Lakshmi Narayana, O.M. Hussainb, P. Shaikshavali, T. Venu	Sensors and Actuators A: Physical	2019	164	1	Sri Venkateswara University

n of dopamine and as anode material in lithium ion batteries	Gopal, P. Gopa					
View File						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	8	13	2	Nil
Presented papers	Nil	7	Nil	Nil
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	1175096
Civil Engineering	Strength parameters of building components, Soil Testing, Water parameters etc	RB, Irrigation Dept., TTD	1800000
ECE	DST-FIST (Wireless Communications)	DST	4500000
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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
NIL	NIL	NIL	0	0
No file uploaded.				

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	Number of students participated in such
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		activities	activities
Service to mentally retarded children	YOUTH RED CROSS UNIT, SVU College of CMCS in collaboration with Indian Red cross Society, Chittoor Branch	6	234
VOLUNTARY BLOOD DONATION CAMP	YOUTH RED CROSS UNIT, SVU College of CMCS in collaboration with Indian Red cross Society, Chittoor Branch	6	158
NSS Special camp	NSS Bureau, S. V. University	4	30
AurovidathaJanmabhoomi	Thummalagunta - Panchayati, 02-01-2019 To 11-02-2019	1	3
World's Aids Day	National Service Scheme UNIT S.V.University College of CMCS, Tirupati. 01-12-2018	1	55
Service to mentally retarded children	YOUTH RED CROSS UNIT, SVU College of CMCS in collaboration with Indian Red cross Society, Chittoor Branch	6	225
Rural Work Experience Programme	Dept. of Home Science S.V. University, Tirupati	5	30
Plantation	NSS Bureau, S. V. University	10	50
Population Education Cell	UG, PG B.Ed Colleges	2	50
Inservice training programme	UG, PG B.Ed Colleges	3	50
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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
APSET-2018	Regional Coordinator, Tirupati Region	Govt. of A.P.	7727

Transforming Education Conference for Humanity (TECH - 2018)"	Delegate	UNESCO MHRD, Govt. of India Govt. of A.P.	Nil
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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 activities	Number of students participated in such activities
Aids awareness	College	Rally	2	24
Rural camp	Panchayaths	Awareness in general issues health, veterinary services	4	50
Swachh Bharat	S.V. University, Tirupati	Clearing of shrubs, spikes, weeds Planting of tree saplings Fencing, errection etc.	8	100
Vanam Manam	S.V. University, Tirupati	Tree Plantation Activity	5	150
Rural Work Experience Programme	S.V. University, Tirupati	Awareness regarding health nutrition	5	68
Global Competitiveness for Capacity Building	S.V.U.Tarakarama Stadium, S.V. University, Tirupati.	JNANABHERI workshop on 4th August 2018	2	31
Swachh Bharat	SVUCE	Cleaning Campus	7	160
Awareness programmes	NSS SVUCE	AIDS Awareness Programme, Prevention of Child Marriages, ODF Campaign	1	40
Janma Bhoomi	Dept of ECE	Clean and Green	12	40
NSS-Swachh Bharat	SVU College of CM CS	Swachh Bharat, Aids Awareness	7	70
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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
NIL	NIL	NIL	00
No file uploaded.			

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
Academic	In plant Training	1. Christian Counselling Centre, Institute for Human Relations Counselling and Psychotherapy, Vellore 2. Manojagrithi Mental Health Awareness For Nation Building, Hyderabad, Telangana, India	Nil	Nil	30
Academic	Internship	1. Christian Counselling Centre, Institute for Human Relations Counselling and Psychotherapy, Vellore 2. Manojagrithi Mental Health Awareness For Nation Building, Hyderabad, Telangana, India	Nil	Nil	14

Academic	Internship	1. Christian Medical College, Vellore 2. Sri Sathya Sai Institute of Higher Medical Sciences, Anantapur 3. Basavatarakam Indo American Cancer Hospital Research Institute, Hyderabad 4. Apollo Hospital	Nil	Nil	12
Academic	Internship	1. Rashtriya Seva Samithi (RASS), Tirupati 2. People's Action for Social Service (PASS), Tirupati	Nil	Nil	13
Research	Research Collaboration	Bioengineering and Environmental Sciences Lab, CEEFF, CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad 500 007, India	Nil	Nil	1
Academic	Academic Research Learning	SPW. Degree PG Collage Tirupati	22/11/2017	21/11/2020	10
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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
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			participated under MoUs
South Asia Rural Reconstruction Association (SARRA), Bangalore and SV University, Tirupati	15/05/2019	Collaborative research	2
SVUCE Tirupati, IGEC Sagar, Madhya Pradesh	19/07/2019	Sharing of Knowledge between Faculty students	20
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
80.29	80.29

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Seminar halls with ICT facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Classrooms with LCD facilities	Existing
Class rooms	Existing
Campus Area	Existing
Classrooms with Wi-Fi OR LAN	Existing
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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	67153	6335065	775	138343	67928	6473408
Journals	1254	59900	19	29338	1273	89238
e-Books	241	20000	Nil	Nil	241	20000

Reference Books	25359	414595	40	Nil	25399	414595
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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	Outlines of Indian History	e-PG Pathshala	Nil
View File			

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	465	64	54	3	9	13	15	100	0
Added	27	0	0	0	0	0	9	0	0
Total	492	64	54	3	9	13	24	100	0

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
E.P.G Pathshala- Indian Culture.	https://www.youtube.com/watch?v=AHNYwEBqItc

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 incurred on maintenance of physical facilities
32.69	32.69	182	182

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)

<p>Physical facilities: The departmental development committee (DDC) headed by the Head looks after the development, maintenance, and utilization of the departments physical facilities. For maintenance of a clean department environment, grade IV staff are assigned to various duties - cleaning of all rooms, corridors, toilets, compound, etc on regular basis. Skilled workers are hired for repair works relating to department facilities, furniture, etc. The</p>
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Teaching Faculty with students also clean every working Saturday under the clean and green program and Swachh Bharat mission after class. The laboratory equipment, specimens, and other necessary chemicals are purchased with the approval of the department development committee and purchase committee as per the requirements of the department. Record of maintenance account is maintained by lab technicians, Lab In-charge, and supervised by HODs of the concerned departments. The calibration, repairing, and maintenance of sophisticated lab equipment are done by the technicians of related owner enterprises. The computer laboratory offers proficiency programs in information technology. Short-term computer courses are organized for students, teaching faculty, and staff from time to time. Library: The requirement and list of books are taken from the concerned teachers and HOD's are involved in the process. The finalized listing of required books is duly accredited and signed through the HOD with seeking advice from of departmental development committee. The suggestion box is also installed inside the reading room to take users feedback. Their continuous feedback helps a lot in introducing new ideas regarding library enrichment. To ensure the return of books, no dues from the library is mandatory for students before appearing in examinations. Computers: The department information and communication technology committee (ICTC) is responsible for the maintenance of computers and smooth functioning of the network facilities in the department. They also look into the department up-gradation, procurement of hardware and software and other items related to computers. Classrooms: Some lecture rooms are equipped with the specified coaching aids like overhead, projector, LCD projectors etc., to supplement the teaching-studying system. Seminars, workshops, lecture periods also are carried out in these rooms. Class representatives, elected by using the students, are given the responsibility to preserve the classrooms easy. Checking of fans, teaching aids and so on inside the classroom are executed frequently. Sports (indoor and outdoor): The University has a standard ground including volleyball and basketball courts where outdoors sports activities are held. The University also has an indoor stadium for badminton, table tennis etc. The sports committee of the University is in charge of the sports complex and equipment. The committee supervises the Grounds-men and Grade IV staff assigned for maintenance and repair works. The students are divided into four Houses for competitions and showcase of their talents.

<https://svuniversity.edu.in/IQAC/PDF/2018-19/4.4.2%E2%80%9320Procedures%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	AP Govt-GNANA BHUMI	142	3078690
Financial Support from Other Sources			
a) National	UGC/ICSSR	4	84000
b) International	Nil	Nil	Nil
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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

All enhancement and development schemes like Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling	01/09/2018	52	All experts of Specified disciplines are Collaborated with SVUCE for organizing the events.
Guidance for Competitive examinations	01/06/2018	24	Department Staff
30 coaching camps for all games and Athletics	19/11/2018	7	Dr. A.Giridhar Raju, Physical Education Dept.
30 coaching camps for all games and Athletics	15/11/2018	5	G. Sivaiah, Physical Education Dept.
30 coaching camps for all games and Athletics	27/12/2018	10	B.Nagabhushanam, Physical Education Dept.
30 coaching camps for all games and Athletics	10/10/2018	12	S.James, Physical Education Dept.
30 coaching camps for all games and Athletics	16/02/2019	8	B.Surendra, Physical Education Dept.
30 coaching camps for all games and Athletics	11/10/2018	5	K.Lakshmirajyam, Physical Education Dept.
30 coaching camps for all games and Athletics	02/01/2019	16	M.S.Umashankar, Physical Education Dept.
30 coaching camps for all games and Athletics	22/11/2018	16	K.Vinodh, Physical Education Dept.
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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 passed in the comp. exam	Number of students placed
2018	GATE	Nil	Nil	15	21
2018	QUIZ	86	Nil	8	8
2018	GPAT	30	30	10	15
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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
2	2	1

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
03 (GVKBIO SCIENCES, REDDY LAB'S, HETERO)	75	40	TCS , HYD	Nil	7
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	15	B.Tech	Mechanical Engineering	IIT Durgapur, IIT Chennai, NIT Warangal, etc.	M.TECH
2018	1	B.Tech	ECE	NIT Bhopal	M.TECH
2018	1	B.Tech	ECE	IIT Madras	M.TECH
2018	1	B.Tech	Chemical Engineering	Hyderabad	MBA
2018	2	B.Tech	Chemical Engineering	IIT Chennai, IIT Hyderabad	M.TECH
2018	1	M. Sc.	Environmental Sciences	S. V. University	Ph. D
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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	23
SET	25
GATE	60
Any Other	10
SLET	6
CAT	1

[View File](#)

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Cricket	S.V. University	12
Cultural activities are organized in connection with International Women's Day celebrations and competitions to the students in connection Freshers' day are organised	S.V. University	49
TALENTS DAY	SVUCE	40
Boxing	National	1
Kho-Kho 2019-20	National	1
Rhapsody	University	60
Dancing	University	2

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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
2018	Gold Medal	National	3	Nil	25420062 036	S.Dharani

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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)

The Student Association will undertake a welcome function to the juniors at the beginning of the academic year, send off, or Farewell function to the seniors at the end of the academic year. The Association also undertakes curricular activities like inviting special lecturers on important topics, organization of seminars, quiz, sports, games, cultural programs, etc. The Association also cooperates and extends a helping hand in undertaking extension activities, Students tours, and field trips to undertake surveys for the project works. Intra-Mural groups have been divided into four to organize all Academic and sports activities in the department as well as in the University. The groups have been named as Faster - Higher - Stronger - Healthier drawing inspiration from the Olympic slogan. These committees are the tools and arms of the department to do all the events or tests conducted on-campus and off-campus (Webinars). By the time the students leave this University, they become like soldiers of war, and by organizing so many events the students are put forth to a lot of exposure and experience for the later professional and personal progress of their lives. Some of the students residing in the SVU Hostels are members in the purchase committee of the hostels. The student members of the purchase committee participate in the purchase committee meetings and take decisions. This promotes participative management and helps the students to acquire the qualities of a good manager. In addition, some of the students act

as members of the block and oversee the functioning of the block. The rationale behind involving the students in the administration of mess and block is to run the hostel in the light of democratic principles and also to maintain transparency. SVU College of Engineering regularly conducts a department-wise National Level Students Symposium wherein students take the lead role in organizing all events with the support of faculty members. Similarly, 3-day Cultural festival RHAPSODY is organized every year.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Sri Venkateswara University College of Engineering has active Alumni since so many years. Some of the distinguished alumni has instituted Gold Medal which will be given to the top ranker in each branch at the end of their final year. The alumni of the Hyderabad Chapter is proactive and will be regularly meeting every year at Hyderabad. The alumni has created seminar hall facility for each department in the college of engineering.

5.4.2 – No. of registered Alumni:

500

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Two meetings were organized during the year 2018-19, one on the eve of Fresher's day and other on the eve of Farewell day to seniors. The annual General Body Meeting (AGM) of SVUCETAA was held on 26th January 2019. Prizes were distributed to merit students. The alumni renovated and refurbished Vajra Seminar Hall in the Civil 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)

A decentralized evaluation system is adopted for publishing results in the shortest time. Spot valuation is conducted for all the affiliated colleges and senior faculty working in the affiliated colleges are allowed for the spot valuation.

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
Examination and Evaluation	The University follows both internal assessment and external assessment. Two mid-semester tests are conducted and one end semester examination is conducted. At the end of every test, the evaluated answer scripts are shown to the students and suggestions will be

given to the individual student to improve his/her performance in the forthcoming examinations. This enables the students to perform in a better way in the next test. Students can apply for reevaluation if they are not satisfied with the end-semester examination results.

Research and Development

The research scholars admitted under APRCET working for their Doctoral Degrees will be strictly monitored by the respective guides to turnout qualitative research output, Motivating students to pursue Research. The research students are encouraged to visit laboratories of various reputed organizations and industries during their research for collecting information and data relevant to their area of research. The M.Tech students in the project stage will be advised and encouraged to select problems of the current trends/technologies and which will also be useful for research work if they opt for in the future. Also, the M.Tech students will be encouraged to present papers in National / International Conferences or publish papers in reputed National/International Journals before submitting their M.Tech project work. Both part-time and full-time research is carried out in most of the departments. Several departments obtained research grants from UGC, DST, DBT, CSIR, ICSSR, ISRO, ICMR etc.

Library, ICT and Physical Infrastructure / Instrumentation

The university has got good library with an excellent collection of books, reports and back volume journals. The books are periodically augmented. Since, the University has made MOUs with many institutions of national importance to share library resources, the students and the staff members have got access to latest quality resources needed for the staff and the students.

Curriculum Development

The curriculum is designed to the needs of students to compete in both academic as well as competitive exams. The entire curriculum is revised for every batch keeping in view the scope for getting employment opportunities in the private and public sectors. Multi-disciplinary papers are introduced in the syllabi to widen the knowledge of the students. This enables the students to face competitive examinations like

	UPSC Civil Services, State Level Group-I and Group - II officer examinations, etc., with confidence.
Teaching and Learning	The faculty members adopt flexible methods of teaching and learning. Besides, the conventional class room teaching of using blackboards, they use PowerPoint presentations, charts, posters, and online resources in teaching. They arouse the interest of the students by adopting brainstorming sessions and by explaining interesting case studies relating to the topic of teaching. Intermittent questioning the students to test their understanding levels, group discussions on topics of general interest are also conducted.
Industry Interaction / Collaboration	Workshops/Seminars, to promote university-industry collaboration are regularly held. MoUs with national and international institutions are entered into by the university. The quality of the teachers and the students will also depend upon the hands-on experience that they gain on various aspects of the curriculum being implemented. Hence, they are encouraged to visit a limited number of industries, NGO organizations, Social welfare schools and orphanages to gain practical knowledge. In fact, some programs are organized in collaboration with the local NGOs.
Admission of Students	The admission process of the students for the Programme is based on the General Entrance Test being conducted by the University/State. They physically go to the premises of the DOA for counseling.

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

E-governance area	Details
Administration	The Directorate of Admissions of the University has made the administration process partially online. Registration of applications has been made online. The top level offices are gradually made online through online file transfer from one section to another section. The entire correspondences and filing system has been computerized. The details of students are computerized once they get admission.
Planning and Development	e-tenders are called for if the procurement amount exceeds a certain threshold level. The needs of the

	<p>university for the next five years are estimated in advance and decisions are taken accordingly. All the important development and extension programmes are video recorded. Soft and hard copies of the photographs are also preserved for future use and verification of the activities undertaken in the Campus.</p>
Finance and Accounts	<p>At the University level all financial transactions and accounts are computerized. To ensure promptness and the transference in payments, instead of cheques, online payments are made.</p>
Student Admission and Support	<p>At the University level the admission process has been completely computerized. It is also intended to go for web counseling of the admission process. The entire information needed for the students about the university including the details of the staff, programmes conducted, courses offered, and syllabi is placed in the University website.</p>
Examination	<ul style="list-style-type: none"> • Registration for examinations is done through Online application. • Use of OMR and barcode answers Sheets. • Double valuation is adopted to have a more fair evaluation process • Students can apply for revaluation if they are not satisfied with the result. • Decentralized evaluation system is adopted for publishing results in shortest time.

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
2018	Prof. D. Srinivasulu	"Transforming Education Conference for Humanity (TECH - 2018)"	S.V. University	5966
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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	Title of the administrative training programme	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
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	organised for teaching staff	organised for non-teaching staff				
2018	Saksham - Teaching with Technology Training	NIL	14/09/2018	15/09/2018	7	Nil
2018	A Two day Seminar on " ROLE OF DIGITAL TECHNOLOGY FOR NATIONAL D EVELOPMENT	NIL	26/12/2018	27/12/2018	7	Nil
2019	2 day workshop on Internet Of Things under TEQIP III 1.3	NIL	24/03/2019	25/03/2019	7	Nil
2019	Two week Faculty De velopment Programme on "Entrep reneurship " organized by S V U E ntreprenu rship Deve lopment Cell	NIL	24/04/2019	09/05/2019	7	Nil
2019	NIL	Staff games organizing	02/03/2019	02/04/2019	35	20
2018	Faculty Developmen t Program on Entrepr eneurship	NIL	06/10/2018	07/10/2018	12	Nil
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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

Refresher Course	1	28/01/2019	16/02/2019	21
Faculty Development program on modern Research issues in Sanskrit Lore	1	26/12/2018	31/12/2018	7
UGC-Sponsored Refresher Course	1	25/02/2019	16/03/2019	20
Saksham - Teaching with Technology Training	1	14/09/2018	15/09/2018	2
Three day workshop on Industrial Applications of Electrical Engineering	1	19/07/2018	21/07/2018	3
UGC Three week refresher course on Entrepreneurship	1	24/09/2018	13/10/2018	20
2 day workshop on Internet Of Things under TEQIP III 1.3	1	24/03/2019	25/03/2019	2
Role of Digital Technology for National Development	1	26/10/2018	27/10/2018	2
Massive Open Online Courses organized by APSCHE and APSSDC at ANU	1	31/08/2018	02/09/2018	3
IEI Sponsored one day workshop on Entrepreneurship in Electrical Engineering	1	24/10/2018	24/10/2018	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
236	350	600	610

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Health Care facility, vehicle loan, Cooperative stores, Games and recreation facilities.	Health Care facility, vehicle loan, Cooperative stores, Games and recreation facilities.	Games and recreation facilities.

6.4 – Financial Management and Resource Mobilization

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

The University conducts both pre-audit and post-audit for all financial payments before and after making payments. All bills are carefully scrutinized and see that the bills conform to the norms prescribed by the UGC and State government. GST number is insisted on every financial bill and payments are made against the bills that contain GST number and followed the proper procedure in processing of the bills. Financial reports are produced to show how money entrusted to the College is acquired and how it is spent. These reports are reviewed by decision-makers to help determine the financial priorities position of the College.

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
NIL	0	NIL
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6.4.3 – Total corpus fund generated

0

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	CAG	Yes	Academic Section
Administrative	Yes	CAG	Yes	Academic Section

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

Encouraging establishment of the requirements for autonomy Counselling/ Trainings/ awareness/ mentoring programs being arranged

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

1. Regular parent-teacher meet to discuss the educational progress of the students. 2. Suggestions regarding academic and administrative reforms are heartily welcomed and implemented. 3. Parents are always ready to extend their supportive hands. 4. Attendance of students. 5. Performance of the students in internal examinations. 6. Behaviour of the students. 7. parents meeting is arranged at the time of first-year B.Tech admissions to enlighten about rules, regulations, and human values framed by the institute.

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

To encourage and retain the talent the department authority supports the staff in the following ways- The University provides residential quarters to the supporting staff at nominal rents. Vehicle Advance at low-interest rates is provided to purchase two and three wheels vehicles. Free medical aid through University Health Centre is provided.

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

1. Records are written and maintained for every development activity undertaken
2. The staff and the students are encouraged to prepare for the next NAAC visit.
3. Teachers are encouraged to engage themselves in different research-oriented activities.
4. Initiative has been taken to open New courses in the department.
5. A partial administrative process has been Computerized in the department.

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
2018	Entrepreneurship Awareness Program	02/10/2018	02/10/2018	06/10/2018	200
2019	"Pitching to Investors"	18/01/2019	18/01/2019	20/01/2019	6
2019	SOCH-Sunrise Open Challenge Hackathon	04/02/2019	04/02/2019	04/02/2019	6
2019	EAC (Entrepreneurship Awareness Camp)	26/04/2019	26/04/2019	28/04/2019	60
2019	DST-NIMAT Sponsored FDP	29/04/2019	29/04/2019	09/05/2019	34
2018	Advisory Committee Meeting of IQAC	22/10/2018	22/10/2018	22/10/2018	18

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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
NIL	Nill	Nill	Nill	Nill

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
<p>The University has installed solar panels on the top of the most of the buildings in the campus to harness solar energy. Water Management: The maximum quantity of water is required to cater the needs of hostellers, Day scholars, regular and contractual teachers, non-teaching staff and residents. The campus has 25 Bore wells spread over the entire campus. The campus is self-sufficient with regard to water needs of the campus including for greenery. Rainwater Harvesting: Ground water is augmented by about 60 appropriately located rain water harvesting recharge pits and surface runoff harvesting. The campus is free from any stagnated water during any season and the water needs of the campus are met by 25 Bore wells. Greenery Management: Area under green cover (in sq. ft. or in acre): 200 Acres. Waste Management: Segregation of Solid Waste is being done, Reuse and Recycling of Solid Waste collected and is delivered to Tirupati Municipal Corp. for reuse and recycling at Corp. level</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	10
Provision for lift	Yes	4
Ramp/Rails	Yes	54
Rest Rooms	Yes	3
Scribes for examination	Yes	4
Special skill development for differently abled students	Yes	3

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
2018	Nill	Nill	Nill	Nill	NIL	NIL	Nill
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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)
College Calendar	Nill	It consists of details related to the courses offered, a list of

holidays Academic Schedule, fee Structure, faculty details and also providing facilities on the campus like a Book bank, computer center, Training and placement cell, and details related to the National service Scheme, national cadet corps, Physical education, SVU Health center, salient features of Anti Ragging act, scholarships, prizes, and medals

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Creative Arts/Human Values	27/07/2018	14/08/2018	60
Physical Activity (Yoga and Meditation)	27/07/2018	14/08/2018	300

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

1. Clean and Green program is effectively implemented 2. Saplings are planted in the Campus 3. Paperless office correspondence is initiated 4. Students participated in Janmabhoomi, Clean, and Green programs. 5. Plantation work is taken up on the eve of the rainy season in June and July every year and the task of maintaining the plants is entrusted to the students of nearby Departments 6. Landscaping has been developed adjacent to the major roads of the University to promote greenness as well as beauty 7. Solar panels are installed on the top of the main building to generate solar power 8. Rainwater harvesting pits are dug at appropriate places for harnessing the rainwater that is going to waste 9. Filtered Sewage water is diverted to plants and trees in the campus.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Transparency in student evaluation. Interactive and participatory teaching and learning. Intensive training (practicals, fieldwork, museum, Project work). Audio-visual method of teaching. It is the only University in Andhra Pradesh implementing the Exclusive Sports Quota for outstanding sportsmen and women in PG courses. Student's counselling for academic and carrier development. Developed e-class rooms in all departments Student feed back through online evaluation on teacher's performance.

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

<https://svuniversity.edu.in/IOAC/PDF/2018-19/7.2.1-%20Institutional%20Best%20practices.pdf>

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

The university has made rapid strides in the field of higher education research and adjudged as one of the best universities in the country. SVU research output is very satisfactory and has crossed the mark of excellence as reflected through the Scopus H-index of 48, secured 122 Rank among the top 300 universities, and stood No.1 in Andhra Pradesh in QS BRICS university rankings-2018. SV University secured 223 rank in the entire Asian continent and the 1st rank in the southern states of India in QS ASIAN University rankings-2018. 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 publishing 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://svuniversity.edu.in/IOAC/PDF/2018-19/7.3.1-%20Distictivrness.pdf>

8.Future Plans of Actions for Next Academic Year

To attain a better global ranking and to transform as a world-class university, the following reforms are being effected. To improve the quality of teaching using ICT. To improve the quality of Research in applied areas. To encourage the faculty to publish papers in Scopus/Web of Science journals, file patents, and organize national and international conferences/workshops. To encourage the faculty to take up research projects which have social relevance. To encourage faculty to attend FDPs, international conferences. To improve entrepreneurship skills in students. To encourage outreach activities by the departments. To develop life skills among the students. To develop a curriculum that will suit the needs of society and industry. To invite the famous scholars/industrialist and eminent personalities to share their expertise with the departments and motivate the students.