



## **YEARLY STATUS REPORT - 2020-2021**

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 its own campus?	Yes
• Phone no./Alternate phone no.	08772289412
• Mobile no	9963330759
• Registered e-mail	vcsvutpt@yahoo.com

• Alternate e-mail address	registrarsvu@gmail.com
• City/Town	TIRUPATI
• State/UT	ANDHRA PRADESH
• Pin Code	517502
<b>2.Institutional status</b>	
• University	State
• Type of Institution	Co-education
• Location	Urban
• Name of the IQAC Co-ordinator/Director	Prof. T.Gowri Manohar (Director) , Dr. I. Kullayamma (Co-ordinator)
• Phone no./Alternate phone no	08772289551
• Mobile	9440474441
• IQAC e-mail address	iqac.svu121@gmail.com
• Alternate Email address	svuiqac@gmail.com

3.Website address (Web link of the AQAR (Previous Academic Year)	<a href="https://www.svuniversity.edu.in/IQAC/PDF/UPDATED%20AQAR%20ON%2031AUG2021.pdf">https://www.svuniversity.edu.in/IQAC/PDF/UPDATED%20AQAR%20ON%2031AUG2021.pdf</a>
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4.Whether Academic Calendar prepared during the year?	Yes
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### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 3	A+	3.52	2017	09/06/2017	08/06/2022
Cycle 2	A	3.13	2009	08/03/2009	07/03/2014
Cycle 1	Four Star	75	2002	04/03/2002	03/03/2007

6.Date of Establishment of IQAC	01/06/2002
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### 7.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	Rs .77000000
S V University	DST-PURSE-2nd Phase Programme	UGC	2022	Rs .57938112
Sri Venkateswara University	SAP-DRS-I & II	UGC	2020-2021	Rs .4444418
Sri Venkateswara University	BSR-Mid Career	UGC	2020-2021	Rs .800000
Sri Venkateswara University	HRDC	UGC	2020-2021	Rs .5000000
Sri Venkateswara University	MST Radar Applications	UGC	2020-2021	Rs .1325000
Sri Venkateswara University	UGC - BSR, PDFSS,	UGC	2020-2021	Rs .3127174

	<b>RamanFellowship</b>			
<b>Department of Computer Sciences</b>	<b>DST- FIST Programme</b>	<b>DST, UGC</b>	<b>2017-2022</b>	<b>Rs.3600000</b>
<b>Department of Bio-Chemistry</b>	<b>DST- FIST Programme</b>	<b>DST, UGC</b>	<b>2018-2023</b>	<b>Rs.3500000</b>
<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>			
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>			
<b>9.No. of IQAC meetings held during the year</b>	<b>5</b>			
<ul style="list-style-type: none"> <li>The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)</li> </ul>	<b>Yes</b>			
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>Yes</b>			
<ul style="list-style-type: none"> <li>If yes, mention the</li> </ul>	<b>Rs.200000</b>			

amount	
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
Collecting online feedback from students on Faculty performance. Collecting self-appraisal reports and API scores from Faculty, and preparing the Annual Quality Assurance Report for onward submission to NAAC. IQAC organized a webinar on "ROLE OF ICT IN IMPROVING QUALITY OF EDUCATION" on 27-02-2021. IQAC organized a webinar on " OVERVIEW ON OUTCOME BASED EDUCATION" on 01-05-2021. IQAC organized a series of 4 webinars in association with PURDUE UNIVERSITY, USA, on 27-07-2021, 03-08-2021, 10-08-2021, and 24-08-2021. IQAC organized a webinar in association with APSCHE on 20-08-2021. IQAC organized a webinar association with NORTHEASTERN UNIVERSITY, USA, on 02-09-2021.	
<b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>	
Plan of Action	Achievements/Outcomes
To conduct webinars on IPR, Entrepreneurship, Startups, etc.,	Conducted all the proposed webinars. All the faculty members who attended webinars got benefited
To conduct webinar on ICT Tools	Conducted webinar on the ICT tools and all the faculty members attained through knowledge on ICT concepts
To sensitize all the faculty members about outcome based education, CO, PO and PSO	A series of Guest lectures are arranged for all the departments together and also college wise individually regarding the preparation and attainment of COs, POs and PSOs
<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Hon'ble Vice-Chancellor, Rector, Registrar, NAAC Director, IQAC Director, NAAC Committee Members.	26/03/2022

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

No

**15. Whether institutional data submitted to AISHE**

Year	Date of Submission
2020-21	27/02/2022

## Extended Profile

### 1. Programme

1.1

Number of programmes offered during the year:

72

1.2

Number of departments offering academic programmes

54

### 2. Student

2.1

Number of students during the year

6817

2.2

Number of outgoing / final year students during the year:

2347

2.3

Number of students appeared in the University examination during the year

6750

2.4

965

Number of revaluation applications during the year	
<b>3.Academic</b>	
3.1 Number of courses in all Programmes during the year	1548
3.2 Number of full time teachers during the year	434
3.3 Number of sanctioned posts during the year	576
<b>4.Institution</b>	
4.1 Number of eligible applications received for admissions to all the Programmes during the year	10664
4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	2085
4.3 Total number of classrooms and seminar halls	214
4.4 Total number of computers in the campus for academic purpose	1510
4.5 Total expenditure excluding salary during the year (INR in lakhs)	5155.18lakhs

## Part B

### CURRICULAR ASPECTS

## 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The Institute has a systematic procedure for the development, revision, and implementation of the curriculum of all the departments. The primary objective of the institute is to create Techno-Managerial power for global needs. The curriculum is designed carefully by addressing the recent technologies and the opportunities existing at the regional and global levels with all necessary fundamentals. As per the UGC, AICTE & APSCHE guidelines the Board of Studies is constituted and comprised of experts in the domain area from reputed academic institutes and industries. The BOS members consider all the remarks suggested by, alumni and enterprise professionals while framing the new syllabus or modifying the existing one. The draft copy of the syllabus is thoroughly discussed and forwarded to the Academic Senate for approval. From the BOS committee members, approval of the PO's and CO's has been attained on par with the university vision and mission institute vision and mission. The courses and respective syllabi are finalized after deliberations. Every program has program outcomes, program-specific outcomes, and also every course in the program has course outcomes. Feedback of students and teachers is accounted to upgrade its curricula and course outcomes. For research programs, Departmental Research Committees (DRCs) insist on the research areas and innovative ideas for enhancing research skills and working independently. The program outcomes for any level of program, host components from the contribution of knowledge, to the that of acquisition of general graduate skills depending on the level of the program like 'contribution' in terms of discovery/invention or advancing a given discipline of knowledge, ability to work independently, development of critical thinking and so on. For PG programs, the program outcomes include mastery of the subject knowledge, its application in relevant contexts, learning teaching skills, preparation for higher studies, and so on, and for UG programs, the program outcomes include the course/subject concepts, learning effective communication skills in English and preparation for higher studies. The Curriculum is designed as per the new National Educational Policy (NEP) 2020 and the new syllabus will be implemented from the AY:2022-23 to ensure the students for having the required domain knowledge, skills, and creative thinking.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

62

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year**

**1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year**

126

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**1.2 - Academic Flexibility**

**1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year**

21

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year**

72

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

#### 1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The departments have been working on the progress of the students. The different programs are arranged connected to Gender Equality, Sustainability, Human Values, and Ethics. The department teachers involve the students in different accomplishments through Expert lectures, N.S.S., N.C.C., programs. The environmental issues are dealt with in detail in the classroom through experts entitled 'Environmental Awareness' which includes matters such as Scope & Nature of Environment Science, Natural Resources, Eva-System, Bio-Diversity, Pollution, And Social Issues & Population. The students' essentially understand the human values & follow professional ethics in their relevant field. The department was conducted special lectures on Human Values, especially on Gender Equality, Women Empowerment, and Skill Development for the students. The students are also engaged in value-added programs to make them aware of responsibilities and professional ethics. Especially, the department has not noticed till this date any major issues of Ragging and complaints from students about their harassments. The department works intending to make Social awareness among the students.

In order to integrate the cross-cutting issues relevant to gender, environment and sustainability, human values, and professional ethics, different types of courses were introduced in the curriculum at the college level, to enhance professional competencies and inculcate general competencies like social ethical values, human values, environment sensitivity, etc., thereby leading to the holistic development of students. The courses on Ethics, Human Values, Organizational Behaviour, and Community Outreach through NSS and NCC, Environmental Studies are embedded in the curriculum of undergraduate programs. 1. Environment studies Environmental Sciences course is included in all UG programs as audit course in order to sensitize students about the environment and sustainability issues, a number of activities such as seminars, workshops, guest lectures, industry visits, and field excursions were organized for students of all programs. Environment Day, Earth Day, Water Day are celebrated every year, where students actively participate. Workshops and seminars on various aspects of environmental sustainability are organized periodically. 2. Professional Ethics A course of three credits on "Professional Ethics " is offered as a Subject / open elective to all the students to take at least once during the program of study. Activities like organizing blood donation camps, environment awareness camps, Cheetu- Neeru, Campus Clean, and Green, traffic survey, etc. All the activities are monitored by drafted faculty members.

File Description

Documents

Upload relevant supporting document		<a href="#">View File</a>
<b>1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year</b>		
58		
File Description		Documents
Upload the data template		<a href="#">View File</a>
Upload relevant supporting document		<a href="#">View File</a>
<b>1.3.3 - Total number of students enrolled in the courses under 1.3.2 above</b>		
<b>1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year</b>		
1159		
File Description		Documents
Upload the data template		<a href="#">View File</a>
Upload relevant supporting document		<a href="#">View File</a>
<b>1.3.4 - Number of students undertaking field projects / research projects / internships during the year</b>		
1043		
File Description		Documents
Upload the data template		<a href="#">View File</a>
Upload relevant supporting document		<a href="#">View File</a>
<b>1.4 - Feedback System</b>		
<b>1.4.1 - Structured feedback for design and review of syllabus - semester wise / is received from Students Teachers Employers Alumni</b>		<ul style="list-style-type: none"> <li>Any 3 of the above</li> </ul>
File Description		Documents

Upload relevant supporting document		<a href="#">View File</a>
1.4.2 - Feedback processes of the institution may be classified as follows		<ul style="list-style-type: none"> <li>Feedback collected and analysed</li> </ul>
File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>
<b>TEACHING-LEARNING AND EVALUATION</b>		
<b>2.1 - Student Enrollment and Profile</b>		
<b>2.1.1 - Demand Ratio</b>		
<b>2.1.1.1 - Number of seats available during the year</b>		
3400		
File Description		Documents
Upload the data template		<a href="#">View File</a>
Upload relevant supporting document		<a href="#">View File</a>
<b>2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)</b>		
<b>2.1.2.1 - Number of actual students admitted from the reserved categories during the year</b>		
2076		
File Description		Documents
Upload the data template		<a href="#">View File</a>
Upload relevant supporting document		<a href="#">View File</a>
<b>2.2 - Catering to Student Diversity</b>		
<b>2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners</b>		

The departments use monitoring and mentoring to keep track of slow learners' progress. Along with teachers, some advanced learners are encouraged to mentor weak students and help them with explanations and notes. Revision classes and counseling sessions are held and additional teaching is taken up if required. Tutoring by peers, senior students, and mentors is offered. Corrected assignments and answer scripts are shared with each student and discussed to enable students to recognize their problem areas and improve. Faculty makes it a point to be patient and accessible to students personally, over the phone, through the mail, and via social apps. Advanced learners are encouraged to study the contents of the syllabus effectively so as to achieve a high percentage of marks and a good score in GATE, NET. They are encouraged to maintain a journal or diary. Gold Medals are awarded to the toppers in the University Convocation. Meritorious students are included as members of Committees. Training and Placement Cell invites Companies and Industries to hold their placement drive at the University and students are encouraged to actively register for the interviews. Training and Placement Cell also provides training in interview skills and communication skills. Proficiency in English classes, Functional Use of English, Personality Development programs is organized to enhance the employability of the students.

The department assesses the learning levels of the students in two ways at the time of the commencement of the program. Students enrolled in the department are identified as slow and advanced learners based on the degree of marks obtained. This helps to identify the slow learners and to design special coaching sessions or tutorial sessions to bridge the gap between the slow learners and the advanced learners. Advanced learners and slow learners have identified as per their responses in the classroom as well as their performance in the Unit test, internal examinations. The following activities are done by teachers for students:

Slow learners: 1. Individual counseling. 2. Remedial Coaching 3. Extra notes. 4. Group discussion session. 5. Internal examination process. 6. Encouragement in NSS, Sports, and academic activities. 7. Extra library books.

Advance learners: 1. Advance notes 2. Seminar sessions 3. Participative learning sessions i.e. Self Discipline Day & Teachers Day 4. Experimental learning sessions i.e. Industrial Tour 5. Projects 6. Assessments 7. Group discussion sessions 8. Internet facility. 9. Advance questions papers. In order to enhance their confidence level, the department conducts different activities such as NSS, Cultural, and Sports to develop their overall personality.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

Link For Additional Information		<a href="#">NIL</a>
2.2.2 - Student - Full time teacher ratio during the year		
Number of Students	Number of Teachers	
6817	434	
File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>
2.3 - Teaching- Learning Process		
2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences		
<p>Teaching-learning methods adopted by the faculty members include Lecture Method, Interactive Method, Project-based Learning, Computer-assisted Learning, Experiential Learning, etc. The Teaching-learning activities are made effective through illustration and special lectures. Lessons are taught through Powerpoint presentations to make learning interesting besides oral presenting methods. Lecture method: This conventional method is commonly adopted by all teachers. This method facilitates the teacher to interpret, explain and revise the content of a text-only for better understanding of the subject by the learners. Interactive method: The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, news analysis, discussion, and questions and answers on current affairs</p> <p>Departments provide an effective platform for students to develop the latest skills, knowledge, attitude, values to shape their behavior in the correct manner. The department conducts innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning. The department Implementsstudent-centric methods of enhancing the lifelong learning skills of students. Faculty members make efforts in making the learning activity more interactive by adopting student-centric methods. 1. Experiential Learning: Department conducts add-on programs to support students in their experiential learning. The department communicates the following experiential learning practices to improve creativity and cognitive levels of the students - • Laboratory Sessions are conducted with content beyond syllabus experiments. • Project development on latest technologies by students where they platform their working model in the technical fest. • Industrial Visits to engage them in experiential learning while visiting the organization. 2. Participatory Learning: In this type</p>		

of learning, students participate in different activities such as seminars, group discussions, wallpapers, projects, and skill-based add-on courses. Students are encouraged to participate in activities where they can use their specialized technical or management skills. • Annual cultural program – This is organized every year for the students of the department to give an opening to their creativity. • Regular Quizzes- Quizzes are organized for student participation at intra or inter-department levels. • Seminar Presentation – Students develop technical skills while presenting papers in seminars. 3. Problem-solving methods: Department encourages students to acquire and develop problem-solving skills. For this, the department organizes expert lectures on different topics, participate in different technical tests and other competitions. •Regular assignments based on problems • Mini Project development • Regular Quizzes • Case studies discussion • Class presentations • Debates within the department event.

In addition to the traditional teaching-learning methods, the institute is providing innovative student-centric methods such as Hackathons, Workshops, Seminars, Virtual Lab, Simulation, Roleplay, Review web literature, Video, Demonstration, Activity-based learning, Flipped Classroom, Guest lecture, Professional practice school, GD/ debate, Peer learning groups, MOOCs, Google Classroom, Project-based learning, Real-time case studies, Worksheets, PPT, Mind map, Journal Review, Proto-type model, Crosswords, Research projects, Language games, Viva, Poster presentation, Public Speaking to encourage Participative, Problem-solving and Experiential learning.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with the traditional modes of instruction to engage students in long-term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The following tools are used by the Institute. ICT Tools: Projectors, interactive panels, smartboard along with software like college-based Microsoft teams and also Google meet, cisco Webex, zoom is used to teach the subjects. NPTEL lecture videos are used to enrich the quality and understanding of the subject. Recording of video lectures is made available to students for long-term learning and future referencing.

The entire faculty undertakes the teaching through PowerPoint presentations. During the presentation, students will be supplemented with additional notes on recent updates displayed in journals/web series, and students are also provided with the link to the content so that they can undergo the content during their non-working hours. Online resources such as Swayam, E pathshala, and web slideshares are used for effective teaching and learning process.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues during the year

#### 2.3.3.1 - Number of mentors

434

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Total Number of full time teachers against sanctioned posts during the year

434

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

289

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.4.3 - Total teaching experience of full time teachers in the same institution during the year****2.4.3.1 - Total experience of full-time teachers**

25

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year**

15

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms****2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year****2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year**

60

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year**

965

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The college keeps its examination system open for modifications and thus strengthens it from time to time, ensuring the system is foolproof and addressing the grievances of students, if any. The institutional reforms in all the activities of the examination system are kept at par with the reforms pushed by the AICTE for various engineering disciplines. The drivers for reforms in the examination system of Indian engineering education taken up by the premier technical institutions have been incorporated into our examination system and they include OBE- a framework for the assessment process, evaluation of higher-order abilities, and professional skills in different forms like MOOCs, internship experience and project works, Bloom's taxonomy for assessment design, etc.

The Department follows the examination system as adopted by the University. There are both internal assessments and semester-end examinations. Two mid-semester tests consisting of both short answer and essay type questions are conducted and the average marks of two tests are taken for internal assessment. At the end of every test, the evaluated answer scripts are returned to the students and their performance is evaluated suggesting improvements if needed. This enables the students to perform in a better way in the next test. Regarding semester-end exams students, Hall-Tickets and Results will be uploaded to the University website.

Throughout all activities of the examination system, institutional reforms are simultaneously implemented with the UGC's reforms in all the disciplines. Some reforms are implemented in the department examinations, which incorporate assessment processes, evaluation of higher-order abilities, and professional skills in different forms including internships and project work.

During the pandemic situation, teaching and internal assessment were done through online mode and end semester examinations were conducted through offline mode.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

2.5.4 - Status of automation of Examination division along

B. Only student registration, Hall ticket issue

**with approved Examination Manual****& Result Processing**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.6 - Student Performance and Learning Outcomes**

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The department improves student learning by way of giving excellent self-learning mode, assisted learning, and hands-on experience. The advanced computing, internet, and Wi-Fi facilities are arranged and e-learning facilities are made available to improve the student learning activities. The direct assessment signifies the students' show informative & summative examinations, seminars, assignments, etc. Through these tools, the attainment of COs is quantified. Formative assessment - the teachers work continuous valuation during the study to measure and improve student learning. The methods applied to yield critical information for monitoring an individual's acquisition of knowledge and skills, evaluate analytical thinking, decision making, and problem-solving abilities. Measures applied include viva voce and written tests (internal assessment) during the course delivery. Internal Assessment: This is a formative assessment, used to evaluate the academic performance of the student periodically. Seminars: The students are required to present a seminar on the course of study. The goal of the seminar presentation is to assess students' interaction with peers and teachers on assigned topics. The content, preparation, presentation, and conversation abilities are evaluated. Assignment: The assignment is aimed to assess students' understanding of the allotted topic, ability to gather information, understanding of the content, comprehension, innovation/ideas, Analytical/critical thinking, interpretation skills, and written communication skills concerning the learning outcomes. Viva-voce: The subject teacher regularly interacts with the student during the practical classes to evaluate the extent of knowledge and ability for critical thinking. Project work: The final semester students take up group research projects under the guidance of a faculty member. The ability of the students - to plan and then execute the plan by designing and conducting experiments; analyzing & interpreting data and delivering the outcomes within a time frame is measured. Summative assessment - Complete assessment of learning outcomes is done at the end of the semester. The approaches applied are the end semester University examination that is conducted both in theory and practical at the end of the semester covering the complete syllabus. Results of end-semester examinations help regulate

the academic performance of the students at the end of the course besides the extent of outcomes that have been attained.

The spirit of the B.Tech program resides in the objectives of this program itself i.e. developing students' capabilities into professional talent in the software development arena. The emphasis is on inculcating skills through an optimum blend, self-discipline, guidance, and supervision. The students become well versed in analyzing, designing, and developing applications to solve computer science-related problems. The learning outcome of this program delves into making learners well proficient in integrating and applying contemporary IT tools to solve problems efficiently and develop computer applications. Preparing students to function effectively both as a team leader and team member on multi-disciplinary projects and enabling them to demonstrate computing and management skills are implicit learning outcomes of the UG & PG programs.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year**

The process of assessing the attainment of Course Outcomes (COs), Programme Outcomes (POs), Programme Specific Outcomes (PSOs) begins with framing Course Outcomes. CO Attainment is calculated based on the performance of students in the assessment tools such as Continuous Internal Evaluation (two Internal exams) and the Semester End Examinations (SEE). Questions given in the various assessment tools are mapped to corresponding COs.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**2.6.3 - Number of students passed during the year**

**2.6.3.1 - Total number of final year students who passed the university examination during the year**

**2284**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

[https://svuniversity.edu.in/wp-content/uploads/2022/03/SRI-VENKATESWARA-UNIVERSITY\\_\\_TIRUPATI-INTERNAL-QUALITY-ASSURANCE-CELL-STUDENT-SATISFACTION-SURVEY-RESPONCE-pages-1-13-merged.pdf](https://svuniversity.edu.in/wp-content/uploads/2022/03/SRI-VENKATESWARA-UNIVERSITY__TIRUPATI-INTERNAL-QUALITY-ASSURANCE-CELL-STUDENT-SATISFACTION-SURVEY-RESPONCE-pages-1-13-merged.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

The institute provides all necessary infrastructural facilities and a conducive environment to promote research activity in the campus. Due to limited resources, the institute may not be able to fund all the research activities taken up by the faculty and students. Faculty are encouraged to apply for various funding agencies and pursue their research. However, the institute is ready to provide seed funding or partial funding based on the merit of proposals submitted by faculty or student. The faculty and students are encouraged to present their ideas/project proposals before the research committee for getting the sanction of seed funding in accordance with institute guidelines.

The faculty and students are given the freedom to choose the research area of their choice and guidance is given to seek funding from various funding agencies and industries. The institute encourages the faculty by providing incentives for peer-reviewed publications, writing books, and filing patents. The institute takes care of the patent filing process, which is governed by the Research policy of the institute.

The institute gives a free hand to report research results and findings. However, a thorough review is done for all research proposals seeking funding from various funding agencies by consulting the research committee comprising the Director R& D, Head of the respective department, and subject expert(s) of the department. This committee also monitors the impact of research and consultancy and ensures non-violation of research & consultancy ethics, professional ethics, the privacy of the people, human rights, causing problems to health & safety of human beings, and damage of the property.

Research Centers are established in various departments of the institute with necessary software and computing facilities for carrying out research activities. Research Centers are recognized by Sri Venkateswara University and full-time research scholars are allotted by the University to pursue their research work in these centers under the guidance of the college faculty.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

1.62L

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

46

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

76

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.5 - Institution has the following facilities to support

A. Any 4 or more of the above

research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year**

18

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.2 - Resource Mobilization for Research**

**3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)**

330.50L

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)**

4300L

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year****48**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.3 - Innovation Ecosystem**

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

Faculty members are encouraged to enhance their teaching skills, research skills, and administrative skills, as well as social services, through the annual performance appraisal system. Faculty members are encouraged to participate in professional development programs and organize and present at conferences, seminars, and workshops. Participants in India and abroad are granted leave of absence and receive financial support. Both teaching and non-teaching staff are encouraged to upgrade their qualifications by pursuing part-time Ph.D. programs. There is a well-defined and published policy for promoting research at the department. Faculty members are encouraged to carry out quality research. In the past few years, a good number of students have enrolled in M.Phil, Ph.D. programs, and these numbers keep increasing.

SVU has created an ecosystem for Research and Innovation by (i)recruiting and developing desirable human resources, (ii) taking initiative for creation and dissemination of knowledge and (iii) establishing the state of the art infrastructure: Human Resource Development At the entry-level, SVU recruits meritorious, dynamic, and enterprising young faculty through an elaborate selection process that involves careful scrutiny of applications, testing of knowledge, and teaching skills through seminars and selection interviews. The annual performance appraisal system encourages faculty to enhance their teaching, research, and administrative skills, as well as social services to the desired level of promotion. Faculty members are encouraged to undergo professional development programs and organize and participate in Conferences, Seminars, and Workshops. Leave is granted and financial support is provided to participate in India and abroad. Research Fair is organized on the campus where all research scholars across the institute demonstrate their research work. The Institute has identified Nine Broad Research Divisions with several sub-divisions. The main objectives of these research divisions are to contribute to society through

their research. The research may not lead to publications but the research output will definitely help society.

2. Excellent research infrastructure has been created, both through extramural sources that include, UGC, DST, MHRD, and DBT and also through intramural funding. Seed funding is provided to pursue specific research programs. Central facilities and advanced Research Centres and Laboratories have been established that are accessible to all. It is ensured that they are optimally utilized. The Institute has developed several research labs in the respective area of research.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

#### 3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

25

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

#### 3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

16

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

#### 3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

- Inclusion of research ethics in the research methodology course work
- Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
- Plagiarism check
- Research Advisory Committee

A. All of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards  
Commendation and monetary incentive at a University function  
Commendation and medal at a University function  
Certificate of honor Announcement in the Newsletter / website

D. Any 1 of the above

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 3.4.3 - Number of Patents published/awarded during the year

##### 3.4.3.1 - Total number of Patents published/awarded year wise during the year

04

File Description	Documents
Upload the data template	<a href="#">View File</a>

Upload relevant supporting document		<a href="#">View File</a>
<b>3.4.4 - Number of Ph.D's awarded per teacher during the year</b>		
<b>3.4.4.1 - How many Ph.D's are awarded during the year</b>		
107		
File Description		Documents
Upload the data template		<a href="#">View File</a>
Upload relevant supporting document		<a href="#">View File</a>
<b>3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year</b>		
256		
File Description		Documents
Upload the data template		<a href="#">View File</a>
Upload relevant supporting document		<a href="#">View File</a>
<b>3.4.6 - Number of books and chapters in edited volumes published per teacher during the year</b>		
<b>3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year</b>		
74		
File Description		Documents
Upload the data template		<a href="#">View File</a>
Upload relevant supporting document		<a href="#">View File</a>
<b>3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS</b>		<b>D. Any 2 of the above</b>

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

SV University, encourages its faculty members to undertake personal consultancy testing projects and corporate training. Consultancy services are offered to industries, service sectors, government departments, and other national and international areas with the expertise available in the University. The services are offered along the lines of professional services, consultancy services cover varieties of activities such as feasibility studies, technological assessment, software development, etc. Teachers are encouraged to take up consultancy works as a part of department extension activity to the society. The distribution of the revenue generated is as follows:

University share: 1/3rd

Teaching share: 1/2

Non Teaching share: 1/6th

Development and review of a research policy and operational procedures which shall assist in setting out research priorities • Facilitating funding for research; • Establishing research priorities and agenda; • Providing capacity building and monitoring research projects; • Promotion of quality publication of Sacred Heart College journals • Organization of Seminars/workshops/conferences on various areas including Intellectual Property Rights. • Research forum for the bright students of all the departments (b) Consultancy • Coordinating research and consultancy services; • Strengthening capacity building in research; • Offering expert consultancy services to the neighborhood • Establishment of an Incubation Centre and Production unit

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

**3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)****164.95Lakhs**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.6 - Extension Activities**

**3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year**

Every Year, programs are organized under which students and staff participate voluntarily in community-based activities with the neighborhood. Various awareness programs, workshops, rallies, and roadshows with themes like cleanliness, green environment & tree plantation, gender sensitization, traffic rule awareness, demonetization, digital payment, and empowerment of girls and women; and help acid-attack survivors are organized. Continuous voluntary activities by students to maintain cleanliness in and around the Campus, create awareness about the role of a clean environment in human health and contribute to the National Swachh Bharat, Awareness of Legal Rights

The department periodically conducts camps in neighborhood villages exposing the students to various problems related to health awareness, problems related to congenital abnormalities, the impact of various schemes implemented by the Government for the welfare of the communities. The department also undertakes camps in villages to sensitize the community on contemporary issues. The students undertake fieldwork in selected villages every year and collect data pertaining to both biological and social problems. The same is analyzed and the report will be submitted for evaluation and suggesting possible measures for the welfare of the community. This kind of culture undertaken by the Department exposes the students to gain hands-on experience on several contemporary issues.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year**

### 3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

02

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

13

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

2239

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 3.7 - Collaboration

### 3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

#### 3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

05

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year**

11

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

To implement the plans and achieve the desired goal, the departments have created adequate infrastructure in terms of State of art laboratories, computer labs, libraries, faculty rooms, classrooms, and seminar hall with audio-visual facilities. The departments are maintaining a conducive environment for the students to achieve their dreams.

SVU has a well-developed high-tech campus equipped with modern facilities and learning resources to achieve academic excellence according to its vision and strategic objectives. The infrastructure facilities and learning resources are categorized as under: (a) Learning Resources include resources and infrastructure required for the library, laboratories, computer center, classroom teaching, events, meetings, and conferences. (b) Support facilities include hostels, non-resident students' centers, canteens, convocation hall, seminar halls, International seminar hall complex, committee rooms, dairy, agricultural farms, biodiversity park, sports grounds, and creche. (c) Utilities include safe drinking water, restrooms, and power generators. Classes are scheduled for optimal utilization of the available physical infrastructure. Sophisticated equipment available in the laboratories is not redundantly duplicated and availability is ensured by judicious time-sharing. Sharing of laboratory facilities is also encouraged between faculties.

Apart from the central facilities, such as Computer Canter, Central Library, USIC, there are many laboratories that cater to students from other faculties.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

Sports club was established in the year 1955, the Department of Physical Education has been functioning as the prime nucleus for the organization for sports activities in various disciplines at the college, Inter-Collegiate and Inter-University levels, and coaching campus for all the University teams. The Institution has a large size Auditorium and an open-air theatre for cultural activities, yoga, and Taraka Rama Stadium for games, Volleyball, Basket, and Badminton courts, Well-equipped gymnasium, table tennis court for indoor sports, etc.

Hockey Ground, Foot Ball Ground, Kho-Kho Court, Kabaddi Courts, Hand Ball Ground, Cricket Ground, and indoor games facility. All the students of the University Campus Colleges are members of the Sports Complex and they are encouraged with different prizes for the winners during various sports events.

A separate sports facility has also been provided to girls at their respective Hostels. The facilities include a multi-purpose playground, gymnasium, volleyball, badminton, table tennis courts, and chess/carom facility. The gymnasium has dumbbells, treadmills, six stallion multi gym, bicycle ergometer, exercise balls, etc. Students are encouraged to participate in annual inter-College tournaments. The outstanding students are selected and sent to take part in the various zonal/all-India inter-varsity, state, and national tournaments. Some of the students have secured gold and silver medals

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

4.1.3 - Availability of general campus facilities and overall ambience

The following are the general campus facilities of the University: 1. University Central Library possess an excellent collection of books, theses, reports and back volume journals, e-journals to the students as well as staff. 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. The library provides checking of plagiarism facility to the students and scholars. 2. University Computer Centre 3. Separate Hostels for boys and girls with mineral water facility. 4. The University provides residential quarters to the supporting staff at nominal rents; 5. For sport: play grounds viz. Volley ball court, Basket ball court, Tennis court, Cricket ground in the premises. 6. University Stadium for multiple sports. 7. University Auditorium. 8. Free medical aid through University Health Centre is provided to the students and staff. Health Centre has Ambulance. 9. Plantation work is taken up on the eve of rainy season and Landscaping has been developed adjacent to the major roads of the University to promote greenness as well as beauty. Filtered Sewage water is diverted to plants and trees in the campus. 10. Solar panels are installed on the top of the main building to generate solar power Rain water harvesting pits are dug at appropriate places for harnessing the rainwater that is going to waste. 11. Post-office for communication 12. Two nationalized banks to cater to the academic requirements of the students viz. tuition fee, hostel fee, examination fee, etc, and the staff. 13. Online Web Counselling Centre 14. Academic Staff College.

15. Separate quarters for Faculty & supporting staff.

16. Well-established and spacious high school facilities for staff children.

17. Central stores provide groceries and essential goods.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

1679.18 Lakhs

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

There is a department library along with a college library and university central library. The maintenance of the reading room and stock verification of department library books is done by non-teaching staff allotted exclusively for the library. The college library is provided with a LAN facility for the computers and they are loaded with the library software. The students and staff can make use of the computer system with the internet at their seating places. The college website is maintained regularly.

The Libraries at DEI are integrated knowledge resource centers comprising, a Central Library in an area of 765 sq. m., with nearly 2 lakh books, periodicals, references, national and international journals, and CD-ROMs, in addition to libraries in Engineering and Education Faculties and other Departmental Libraries. It is automated using Integrated Library Management System (ILMS) computerized with Newgenlib Open Source Integrated Software. It has access to more than 5000 e-journals under the E-shodhsindhu program of INFLIBNET. Under this service online access to full text and databases from 17 reputed publishers through E-Shodhsindhu viz ASPP (AICTE funded), ACS, AIP, AR, EPW, ISID (Database), IP, JGate Plus (JCCC), Nature, Oxford, Project Muse, RSC, Springer, Taylor and Francis, Web of Science and Wiley. The library has also purchased International Dissertations Abstracts Named "ProQuest Dissertations & Theses A&I" and ProwessIQ (Prowess for Interactive Querying). It also has access to DELNET under institutional membership. All e-resources are accessible locally within the campus as well as remotely. The University Library building is centrally located and well laid out and maintains the right atmosphere for learning. Library buildings have provisions for both individual and group studies. Adequate space is provided for browsing and relaxed reading. It subscribes 114 journals of national and international repute, along with magazines and newspapers for general reading. The library also houses rich reference Collections viz., Encyclopedia Britannica, Encyclopedia Americana, Specific Subject Encyclopedias, Year Books, Atlases, and other reference material. Central Library holdings also include dissertations, doctoral theses, and project reports on various subjects. Besides these, the Library is also equipped with the latest e-journals by the UGC-INFONET Digital Library Consortium, accessible through campus-wide LAN. The library also provides access to the Internet as well as CD/DVD-based electronic resources. Each library has an adequate number of terminals to facilitate searching/accessing e-resources, web browsing, and other academic work. Provision has also been made to allow downloading/printing of material from these resources. It has excellent ICT infrastructure with adequate bandwidth for fast and seamless access to the Internet. It is also a member of DELNET. Initiatives taken by the University, are the following : 1. Free WI-FI, internet access, download, and printout facility have been provided. 2. Reprographic facilities. 3. Organization of Book Exhibitions/Display of new books. 4. Proper system of feedback from users to improve library services. 5. System of recommendation for the purchase of books through Departments.

File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>

**4.2.2 - Institution has subscription for e-Library resources**  
Library has regular subscription for the following: e - journals  
e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>

**4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

58.19

File Description		Documents
Upload the data template		<a href="#">View File</a>
Upload relevant supporting document		<a href="#">View File</a>

**4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)**

220

File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>

**4.3 - IT Infrastructure**

**4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year**

265

File Description		Documents
Upload the data template		<a href="#">View File</a>

Upload relevant supporting document		<a href="#">View File</a>
<b>4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility</b>		
<p>SVU has a clear policy regarding Information Technology, The University has been always at the forefront of adopting technologies and providing IT-enabled service to all its stakeholders. The policy provides a framework for the use of IT infrastructure and also lays down the Vision and Mission of the University in making all its tasks IT-enabled, it also outlines a mechanism for establishing and maintaining the IT infrastructure at SVU main campus and all its regional Centers and Constituent college. SVU has appropriate budgetary provision for expansion and updating its IT facilities including wifi.</p> <p>The institution has an IT policy under National Knowledge Network (NKN) with 1 GBPS and a centralized computer center with LAN throughout the University campus. With its appropriate budgetary provision upgrades its IT facilities in terms of e-learning, e-knowledge, facilities for e-content development. e-learning center through inflibnet, microdata census of Government of India under centralized computer center. The institution has the following Facilities for e-content development Media center Audiovisual center Lecture Capturing System (LCS) Mixing equipment and software for editing.</p>		
File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>
<b>4.3.3 - Student - Computer ratio during the year</b>		
Number of students	Number of Computers available to students for academic purposes	
6817	1510	
<b>4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)</b>		<ul style="list-style-type: none"> <li>500 MBPS - 1 GBPS</li> </ul>
File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>
<b>4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture</b>		C. Any 2 of the above

## Capturing System(LCS) Mixing equipment's and softwares for editing

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Upload the data template	<a href="#">View File</a>

### 4.4 - Maintenance of Campus Infrastructure

#### 4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

1233Lakhs

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

• University has an Engineering Section for maintenance of buildings, classrooms electrical work, infrastructure facilities including internal roads and water. • Department of Physical Education maintains playgrounds. Computer Centre takes up the issues of Computer labs of different Departments. • Departmental Committee, BOS, Academic Senate approve the updated syllabus.

As per the AICTE guidelines and based on the block-grant budget every year there is an allocation for establishing the computers/stationary/consumables/books/sports facilities etc., for both UG/PG programs at the university level.

Physical facilities including laboratories, classrooms, and computers are made available for the students those who are joined in the college. Students looking for their desired discipline including a laboratory curriculum are charged for the laboratory expenses at the time of admission, according to the rules of the university. The classrooms, laboratories, and furniture facilities are utilized regularly by the students. The maintenance and cleaning of classrooms and the laboratories are done with the support of sweepers and non-teaching staff. The department has

an adequate number of computers with internet connections and the utility software distributed in different locations like department offices, laboratories, libraries, etc. Within the working hours, all laboratories are open to the students to carry out their project work with full technical support. Laboratory slots are provided depending on the curriculum. Library: There is a department library along with a college library. The maintenance of the reading room and stock verification of department library books is done by non-teaching staff allotted exclusively for the library. The college library is provided with a LAN facility for the computers and they are loaded with the library software. The students and staff can make use of the computer system with the internet at their seating places. The college website is maintained regularly. Sports complex: Sports club was established in the year 1955, the Department of Physical Education has been functioning as the prime nucleus for the organization of sports activities in various disciplines at the college, Inter-Collegiate and Inter-University levels, and coaching campus for all the University teams. The sports infrastructure facilities available are Tennis courts, Basket Ball Courts, Three Volley Ball Courts, Ball Badminton Courts, Hockey Ground, Foot Ball Ground, Kho-Kho Court, Kabaddi Courts, Hand Ball Ground, Cricket Ground, and indoor games facility. All the students of the University Campus Colleges are members of the Sports Complex and they are encouraged with different prizes for the winners. Computers Department provides desktop and laptop with printer facility along with 24hrs internet facility to the faculty. Department provides internet facility to the students. Computers are available in the laboratories with fully loaded licensed software to facilitate all students to carry out their course work, research work, and projects. Classrooms: All faculty members are provided with individual staff rooms along with personal computers & an internet facility. Faculty rooms are equipped with almirahs, whiteboard, printer, and book rack. Each and every classroom is provided with a white/blackboard/interactive board with a power supply.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

4411

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

1895

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

• All of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 5.2 - Student Progression

**5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)**

**5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year**

142

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.2.2 - Total number of placement of outgoing students during the year**

459

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year**

17

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 5.3 - Student Participation and Activities

**5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter - university/state/national/international events (award for a team event should be counted as one) during the year**

03

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

The Department holds a students council and one faculty member will be in charge of that, wherein the respective faculty member will address several issues of students and also holds the database of the outgoing students with a vision of encouraging their continued participation in the development of the department. Meeting are held periodically to find the problems if any with the students on campus. Students felt satisfactory in the facilities of the campus.

The Head of the Department nominated class committees for each course that comprise of student members representing meritorious as well as weak students, along with faculty members, other than the course teacher. The Class Committees provide feedback on all aspects of the program and respective course. Class Committee Meetings are held regularly, at least twice in each semester. Cultural and Sports Committees Students have strong representations in all cultural and sports and games committees and help in the organization and management of events.

Students are divided into groups and each group is assigned to one faculty member for counseling • Special Classes are Conducted for NET and SET Exams and soft & communication skills, personality development • Encouraging Research Scholars to participate in workshops on SPSS • Encouraging students to participate in sports & games/ cultural activities • Assisting the students to take part in Debate, Quizzes, Elocution, Essay writing competitions • Encouraging students to participate in Rallies for a social cause • Anti Ragging Committee is constituted in the department

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

02

File Description	Documents
Upload the data template	<a href="#">View File</a>

Upload relevant supporting document		<a href="#">View File</a>
<b>5.4 - Alumni Engagement</b>		
5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year		
<p>Objectives of the Alumni association: To encourage and promote close relations between the Institution and its alumni and among the alumni themselves. • To promote and encourage friendly relations between all members of the alumni body, an interest in the affairs and well-being of the Institution. • To provide and disseminate information regarding their Alma Matter, its graduates, faculties, and students, to the alumni. • To initiate and develop programs for the benefit of the alumni. • To assist and support the efforts of the Institution in obtaining funds for development. • To serve as a forum through which alumni may support and advance the pursuit of academic excellence at the Institution. • To guide and assist alumni who have recently completed their courses to obtain employment and engage in productive pursuits useful to society. • To organize and coordinate reunion activities of the Alumni and let the Alumni acknowledge their gratitude to their Alma Mater. • To collect, publish and distribute such information as may be useful to the alumni and their Alma Mater. Activities and Contributions: Alumni have donated funds to assist the Poor &amp; Merit students of the Institution. • Alumni are included as members in the Board of studies of all departments. They are invited to meetings at the college and they interact with their teachers and express their suggestions on curriculum revision. Few Alumni gave Guest lecturers to the existing students on some contemporary technological developments and career guiding focuses</p>		
File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>
5.4.2 - Alumni contribution during the year (INR in Lakhs)	A. ≥ 5Lakhs	
File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>
<b>GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>		
<b>6.1 - Institutional Vision and Leadership</b>		
6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance		

The leadership of the University through its goals-setting approach with a clarity on the path and directions created an eco-system of governance that is supportive and participative for the stakeholders of the University system viz. teachers, staff, and students. There is a systematic process of representation for each stakeholder as members or special invites in Academic Bodies and Administrative Bodies. Such representation provided an opportunity for each of the stakeholders to participate and contribute to the betterment of the governance of the University. All major policy decisions such as academic or administration are arrived at after thorough discussions and consultative process in a transparent manner. Most of the programs offered by the University are targeted towards social inclusiveness and outreach to benefit of the society. University's vision and mission are commitments to academic excellence in teaching and research, innovation and creativity, respect for cultural diversity, individual dignity and worth, responsible stewardship and conservation of resources and leadership and involvement in the economics, social and professional growth of the region and the nation: A globally renowned university for outstanding academic programs that foster active student participation through applied learning, research and social service; A globally recognized hub for rigorous academic teaching, innovative research and quality publications in journals of international repute; A globally recognized and socially meaningful podium of knowledge generation and knowledge dissemination A vibrant hub of cultural, sporting and extra-curricular activities where students faculty and staff from vastly different backgrounds collaborate; A technological enabled campus with state-of-the-art teaching, innovative research and management tools for stretching the boundaries of thought and experience.

The University with the full support of the Government of India, Government of Andhra Pradesh and UGC created an excellent infrastructure for the teaching departments and constituent colleges. The university has been successful in expanding its activities across the country with best academic facilities for the students and teachers to meet the diverse requirements of the Departments, Centres, and Directorates.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The leadership of the University has adopted a decentralized and participative style of functioning under which day-to-day governance is administered through Committee based decisions. Representation of teachers in administrative committees and similarly, participation of statutory officers of administration and finance were encouraged in academic committees to provide necessary

inputs so that the decisions and/or recommendations arrived at such deliberations and meetings are converted into concrete action. The leadership of the University through periodical review meetings of various committees constituted for bringing improvement in the governance of the University activities monitored and brought substantial improvements. The University advocates the practice of decentralization and participative management not only in words but also in action. The practices that may be mentioned over here are as follows, Four colleges that come under the university, have been given academic autonomy as per which the colleges prepare their own syllabi, manage classes, and also have their independent examination system; self-financing courses are being managed by their respective heads and Co-ordinators under the Self-financing scheme.

The recommendations and reports of these specialized internal committees were subsequently considered and monitored by the University Authority bodies such as Academic Council and Executive Council for further implementation. Such steps gave clear goals and mission to the stakeholders and brought a positive culture of belongingness among the faculty members, resulting in innovation and vast improvements in the University Governance. Admissions in the University are done through the Directorate of Admissions through online mode. The University adopted service rules and financial rules as applicable to the Government of India institutions. The General Financial Rules have been adopted and successfully implemented. The University conforms to the minimum audit standards prescribed by the Government of India. Accounts of the University are audited regularly by the office of the Comptroller and Auditor General.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic plan is effectively deployed

\* Even during Covid pandemic situation all the faculty members quickly tuned themselves to the online teaching methodology and all the classes were sucessfully engaged without any prejudice. \* Examination were conducted in the blonded mode strictly following the precautions issued by the university authorities and Government of AP. \* Webinars are conducted for faculty members on various quality related accepts like IPR, Entrepreneurship, Resesrch innovations and rankings. \* Training and placement for the B.Tech students were conducted in the online mode and approximately 60 to 70% of students are placed in various reputed companies

1) Curriculum Development: The Institution develops action plans for effective implementation of the curriculum. The teachers are allocated subjects based on their specialization and experience.

Heads of the Department keep track of the progress by holding department-level meetings periodically. University rules and regulations are strictly followed. The efficient functioning of the remedial system encourages the students to perform well in their studies. Number of teachers participating in various bodies of the Institution, such as BoS and the Academic Council has increased considerably. All the programs in the College follow the Choice Based Credit System (CBCS) .

2) Teaching and Learning: The faculty members identify the advanced learners. Promising students are encouraged to participate in a wide range of academic events, organized by the College or other institutions. The details on the academic performance of the students are collected through attendance and class tests are analyzed. Students Remedial System is followed for giving special coaching to slow learners. Intercollegiate competitions and seminars are arranged for the students to make them understand the recent trends in their field of study. Teachers attend Orientation and refresher courses for enriching their capabilities. Awareness programs are conducted by various departments and clubs for the students. • Modern teaching aids like interactive boards, ppts are used to improve quality of teaching. • Students are encouraged to utilize MOOCS and SWAYAM portals.

3) Examination and Evaluation: Two internal tests are conducted. Internal tests are centralized. The same pattern of question paper is used in the in-house examination. Assignments, seminars, projects practicals are conducted. Internal tests facilitate the continuous assessment of the student's progress. For practical assessments, the student is assessed by considering the attendance, observation report, record notebooks. New intimation from the university regarding revaluation of papers, the introduction of new question patterns is informed to the students through circulars.

4) 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 Purdue and North Eastern Universities have been signed for skill and entrepreneurship 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.

5) Library, ICT, and Physical infrastructures/ instrumentation: The institution encourages students to actively participate in indoor and outdoor sports activities. A compact Gymnasium enable the students to have a thorough workout. A modern language laboratory and computer labs are available. Wifi facility is available in the Library for accessing the N-List journal. Students and faculty members are encouraged to utilize the available library resources.

6) Human Resource Management: Guest lectures are arranged on current topics every semester for the benefit of the students. Every department conducts seminars inviting eminent persons from other universities. • Skill development programs for students are conducted in collaboration with APSSDC-SIEMENS. • Faculty Development Programmes like Refresher courses, Orientation programmes and Training Programmes are conducted regularly under UGC-ASC. Non teaching staff are suggested to upgrade their skills by writing departmental examinations.

7) Industry Interaction / Collaboration: Each department has its own extension activities like giving awareness programs to the students.

8) Admission of students: Students are admitted through common state level entrance examination EAMCET/ PG CET/ PGECET/ RECET. International students are also admitted in various programs.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The university encourages the academic departments to function independently and provides adequate opportunities to be autonomous in its day-to-day functioning. The accountability is ensured by making it mandatory to take all decisions in the meeting of the department council (DC) and all matters related to research in the meeting of the department research council (DRC).

The students' body is functioning effectively to undertake co-curricular and extra-curricular activities in the departments. The student body has been instrumental in organizing webinars and training programs.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 6.2.3 - Institution Implements e-governance in its areas of operations

#### 6.2.3.1 - e-governance is implemented covering following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

B. Any 3 of the above

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

#### 6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

IQAC cell collects self-appraisal reports and Academic Performance Index(API Score) from the individual teachers every year. Based on this the faculty members are considered for CAS Promotions.

FDPs, Webinars, and workshops are conducted for the faculty members. A financial loan facility is provided for the faculty members and supporting staff. Free medical facilities are available for all the staff and students.

The university provides adequate opportunities for the professional development of the faculty and non-teaching staff. Some of the steps taken in this direction include; Conducting workshops,

seminars, orientation programs for faculty and students wherein the staff develops professionally not only with regard to the respective disciplines but also in terms of event organization management and teamwork. Providing financial support by sponsoring faculty members to attend national/international seminars, workshops, and conferences. Encouraging the faculty to publish research articles in reputed journals by conducting annual performance appraisals and providing feedback. Grant of OD leaves for paper presentation and participation in seminars/workshops/conferences. Permitting study leave to faculty for carrying out research projects. Faculty members are encouraged to associate with state, National, and International professional bodies. Sanctioning of Special Casual Leave to facilitate faculty participation in selection committees, examination boards and serve as members of various committees constituted by the state and central governments and other institutions of repute both at national and international level. The faculty are also encouraged to take up research projects by mobilizing funds from different sources Providing access to computers with internet facilities and other equipment and infrastructure required to carry out research. The non-teaching staff has been trained in the office automation process and the university is now getting ready to move on to e-governance. The university takes sustained interest in recruiting temporary staff and promotion of its staff, both teaching, and non-teaching.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

02

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

02

File Description	Documents

Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

40

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

##### 6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The financial management and resource mobilization is monitored by the university. There are established procedures and processes for the planning and allocation of financial resources. The institution has developed strategies for mobilizing resources and ensuring transparency in the financial management of the institution. The income and expenditure of the institution are subjected to regular internal and external audits. The finance committee of the university meets at least twice a year and deliberates about the financial planning & position of the university. The financial resource management is supported by the university strategic plan which includes building endowment assets, financial best practices in the deployment of resources making creative and effective use of resources with the use of high functioning information technology infrastructure. Presently University has a self-financing system that is managed by its own resources. The Resource Mobilization Policy seeks to guide the University's efforts towards building strong finance to provide a sound base for its programs. It reviews the University's funding pattern, provides guidelines and strategies for mobilizing resources to support the implementation of the university's strategic plan, and the ultimate fulfillment of its vision and mission. The strategy makes a vital link between external funding challenges and the continued internal improvements necessary to achieve the objectives. Broadly the resources are required for various purposes like administration academic, affiliation, infrastructure, development, and maintenance, and for miscellaneous. To ensure proper and optimum use of the resources a strict budgetary control on expenditure is exercised as per the provision of the act. The internal and external audits are also carried out regularly and audit objections are taken care of.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

1.89 Lakhs

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

1.96Lakhs

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 6.4.4 - Institution conducts internal and external financial audits regularly

The university has a dual system of internal and external audits. All the bills relating to University are being processed and passed for payment by the Internal Accounts staff who strictly follow the financial guidelines. The post Audit is being Audited by the A.P. Government, State Audit Departments.

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. University has a mechanism for both internal and external audits.

File Description	Documents

Upload relevant supporting document	<a href="#">View File</a>
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## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

The IQAC collects students' feedback on Teachers. All the remaining feedback is collected by individual departments. The IQAC organized workshops to strengthen faculty in terms of innovative ideas, startups, entrepreneurship, etc., The IQAC committee is constituted as per the NAAC guidelines. The committee consists of Vice-Chancellor as chairperson, eight senior professors, and registrar as members and four external members with one Community Representative, one Industrialist, one from the energy conservation mission, and other members from the high canal division. These members gave valuable suggestions for Internships / Externships / Placement of students in Institutions / Industries / Laboratories to gain Work experience. The IQAC interacts with the coordinators of the Departments and collects information on its activities.

The University Internal Quality Assurance Cell (IQAC) has developed an online pro forma of student feedback to gather information from the students about the courses of their study, their objectives, relevance, availability of learning resources, teaching methodology, and so on. The online feedback system has been introduced and implemented as a quality initiative and a way to make student feedback system more effective and efficient, as it involves all the students of the Departments in the University to assess and improve the curriculum of the programs of study, and quality of teaching and learning in the Department. The students' feedback is provided to all the teachers on any course that they taught so that they bring improvement in their teaching and strengthen it and the students' identity remains concealed from the teachers.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other

A. Any 5 or all of the above

quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

ICT facilities are provided in most of the classrooms. some of the classrooms are converted into smart board-based e-class rooms with ICT facilities.

Most of the research papers are published in Scopus/WOS/UGC Approved indexed journals.

Feedback is taken from Students, Teaching and Non-Teaching Staff, Parents, Alumni, and other Stakeholders.

Startup Cell was established in the year 2017 and is still in operation.

IGNITE club was established in the year 2016 and is still in functionality.

C-CUBE Cell( character-Culture-Competence) has been established in the department of ECE.

IoT Lab was established in EEE Department in the year 2019.

TEQIP provides research funding for Non-Stipendry Ph.D. students.

The Administrative activities are reviewed by the Registrar. The academic activities at the department level and at the College level are reviewed by the Heads and Principal respectively. The Chairpersons of Department Research Committees and University Research Committee review the research programs. The Chairpersons of the Board of Studies organize review sessions on subject/course syllabi in their departments. Thus the policy of the university is to decentralize and entrust the responsibility of review/evaluation of activities at different levels. By participating in webinars like Outcome Based Education, attainment of CO's, PO's and PSO's conducted by IQAC, academic quality was enhanced among teachers.

File Description	Documents
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Upload relevant supporting document		<a href="#">View File</a>
<b>INSTITUTIONAL VALUES AND BEST PRACTICES</b>		
<b>7.1 - Institutional Values and Social Responsibilities</b>		
<b>7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year</b>		
<p>Gender equality is one of the key challenges in society today. The University invites guest speakers from prominent fields to speak on the given topic which highlights the importance and contribution of women in society.</p> <p>Gender sensitivity is an inherent value in the cultural ethos of the institute and its neighboring community, as is evident by the following facilities- (a) Strict implementation of Anti-Ragging, Anti-Smoking environment. (b) Awareness campaigns on women's safety and gender sensitivity through street plays, rallies, and camps by NSS and NCC student volunteers. (c) Separate hostels for men and women with dedicated wardens in the university (d) Formal and informal avenues for counseling male and female students for academic and other issues/problems. (e) Class and Proctorial Committees are available for counseling of both males and females students. (f) Grievance Redressal committees for students (g) Student placement Cells and Alumni Placement Assistance Cell (h) Entrance Examination, Matrimonial Counseling, and Orientation Programmes for students. (i) Medical counseling, moral Counseling, Career Counseling, Village Counseling, Vocation counseling weekly through medical camps.</p>		
File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>
Annual gender sensitization action plan(s)		<a href="#">NIL</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information		<a href="#">Common Rooms and Daycare facility is available in the campus.</a>
<b>7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation</b> Solar energy                      Biogas plant Wheeling to the Grid    Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment		<b>B. Any 3 of the above</b>
File Description		Documents

Upload relevant supporting document		<a href="#">View File</a>
<b>7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management</b>		
<p><b>Hazardous waste management:</b>No Hazardous waste is generated on the campus; The chemical wastes from the labs are sunk in remote places in the ground; Underground drainage system is used to safely discharge the toilet waters, wastewaters from the laboratories, and used water from the hostel kitchens; Damaged glassware is disposed of safely in the corporation dustbins; Use of plastic with less than 15 microns is prohibited in the campus; Paper cups and glass cups are used for serving tea and coffee in the canteens and in the offices instead of plastic cups.</p> <p><b>E-waste management</b> The e-waste components such as unused computers, laptops, printers, electronic calculators, and other electronic gadgets are entrusted to the Condemnation Committees of the University and are auctioned at regular intervals.</p>		
File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>
<b>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus</b>	<p>A. Any 4 or all of the above</p>	
File Description		Documents
Upload relevant supporting document		<a href="#">View File</a>
<b>7.1.5 - Green campus initiatives include</b>		
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b> <ol style="list-style-type: none"> <li>1. Restricted entry of automobiles</li> <li>2. Use of bicycles/ Battery-powered vehicles</li> <li>3. Pedestrian-friendly pathways</li> </ol>	<p>A. Any 4 or All of the above</p>	

4. Ban on use of plastic
5. Landscaping

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

D. Any 1 of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

The institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy, and set communal harmony. Institute has conducted lectures in the villages for increasing their environmental and ethical awareness. Institute has also tested the quality of drinking water available in these villages. The extension activities are targeted towards enabling a holistic environment for student development. University has always been at the forefront of sensitizing students to the cultural, regional, linguistic, communal, and socio-economic diversities of the state and the nation.

The University celebrates cultural and regional festivals like Youth Festival, Constitution Day, etc. to teach tolerance and harmony to the students. The Gender Equality Policy focuses on equal access, opportunities, and rights for women and men. Policy for the Differently Abled ensures that every single member of the department is aware of the care to be shown to the differently-abled people. By providing a barrier-free environment, needed facilities, and human and technological assistance, the department takes continuous efforts to make the differently-abled feel included in every part of the activity of the college. The department has revised the curriculum with the inclusion of topics related to human rights, peace, tolerance, love, compassion, harmony, promotion of social values, awareness of environmental protection, and ethics.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

University celebrates Independence Day, Republic Day, Gandhi Jayanti, Netaji Jayanti, Constitution Day to make the importance of freedom and the glory of Indian freedom struggle. They aim at highlighting the constitutional spirit of liberty, equality, justice, and fraternity. Moreover, the university organizes Blood Donation Camps to ensure that precious lives are saved, celebrates women's day to mark the achievements of women throughout history. Celebrate World Environment Day to ensure that environmental concern is addressed and also Swachh Bharat Abhiyan to promote the importance of cleanliness. As part of curriculum Human Values and Professional Ethics in every field, and values, rights, duties, and various concepts discussed to increase their responsibilities of better and future citizens.

### 7.1.10 - The Institution has a prescribed code of conduct for

Any 1 of the above

students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrated and organized all national and International commemorative days, events, and festivals like Republic Day, Independence Day, International Yoga Day, Gandhi Jayanthi and Ambedkar Jayanthi, etc and organizes essay writing and elocution competitions on different occasions to motivate the students. Few are listed here

1. Constitution day is celebrated every year. 2. Blood Donation: Every year institute organizes blood donation camps in association with the students. 3. Cleanliness/Plantation drive Students consistently and regularly participate in the cleaning activities on several occasions including Mahatma Gandhi Jayanti on October 02, every year. Moreover, students are encouraged to active participation in the plantation. 4. Leprosy awareness/Leprosy detection and health check-up cap for Societal involvement Students voluntarily participate in national health program implementation in association with Government and Non-government organizations.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

<https://svuniversity.edu.in/wp-content/uploads/2022/04/7.2.1.pdf>

#### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

<https://svuniversity.edu.in/wp-content/uploads/2022/04/7.3.1.pdf>

### 7.3.2 - Plan of action for the next academic year

Continuing with the tradition of determination for excellence, the Academic Calendar would be prepared, as per the Academic Calendar of the University with additional activity. This year, we plan to make the Academic Calendar more 'action-oriented', especially as per the needs of various Departments.

- More extension lectures, industrial interaction, and industrial visits will be scheduled, so as to bridge the gap between classroom teaching and industrial requirements.
- Also, keeping in mind the high level of stress among youth, new activities would be planned for the mental well-being of the youth.
- More activities of Social Outreach would be organized like donation camps, blood donations, plantation drives, environment awareness events, etc.
- Apart from increasing the activities in these regular areas, it is planned to do the following additional things in the next academic session.
  1. To bring more awareness about National Service Scheme (NSS), in order to inculcate the sense of service, Nationalism, and humanity among youth. Through this scheme, students are sensitized to help the downtrodden people of society.
  2. Pre-Placement Activities: 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. This is being initiated on basis of feedback received from various stakeholders.
- Alumni Registration: In this academic session, we also plan to expedite the process of registration for the alumni. currently, more than five thousand alumni are regularly in touch with the institution, contributing towards making the institute a center for excellence.
- Course Management: To implement the curriculum in a more effective manner, it is planned to follow new formats for lesson plans and evaluations. These have already been circulated to faculty members. Also, the progression of each student will be tracked to cater to individual differences.
- To educate the public and school children about the various emerging and re-emerging virus diseases and their impact on human health through in-house programs and outdoor awareness programs

and extension activities.

- To raise funding to build/ establish advanced labs with sophisticated equipment and to establish more smart classrooms and seminar halls to meet the needs of the growing departments.
- To attract more grants from external funding agencies to conduct cutting-edge research on the control of emerging virus problems of plants, animals, and human beings and to establish collaboration linkages with reputed institutes/industries.