



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

**SRI VASAVI INSTITUTE OF ENGINEERING AND
TECHNOLOGY**

NANDAMURU PEDANA MANDAL KRISHNA DISTRICT

521369

www.sviet.edu.in

SSR SUBMITTED DATE: 02-04-2019

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

April 2019

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Sri Vasavi Institute of Engineering & Technology (SVIET) was established in the year 2008 by "Vasavi Educational Society". SVIET is a self-financing technical institution approved by All India Council for Technical Education (AICTE), New Delhi and affiliated to Jawaharlal Nehru Technological University Kakinada, A.P. SVIET is recognized for its academic excellence with undergraduate programs in its five academic departments: i) Computer Science & Engineering, ii) Electronics & Communication Engineering, iii) Electrical & Electronics Engineering iv) Mechanical Engineering, v) Civil Engineering and Post graduate programs in ECE & CSE .

SVIET is located in the present Andhra Pradesh state in a sprawling green campus of 10.06 acres near the district head quarters of Krishna district. The Institute has excellent infrastructure with a built up area of over 15779 Sq.Mts with state of the art facilities and well established laboratories to cater to the prescribed curriculum. The common amenities are generous. However, the advanced training programs comprising of workshops, value added courses, skill upgradation programs etc., are being conducted with an appropriate action plan.

Many of the college faculty members are members of various professional societies. The research facilities at SVIET have been growing rapidly over the years. Under the able guidance of renowned industrialists and educationalists as members in the Governing body, the growth of the institute has been well planned to meet the specific needs of industry and the growing academic interests of the student community. The college was recognized by UGC under section 2(f) of the UGC Act, 1956 since 2016.

Vision

To emerge as a premier engineering institution in rural India imparting values-based education for socio-economic upliftment

Mission

- Provide the most creative learning environment for Technical Excellence of stakeholders
- Promote industry-institute interaction for skill enhancement and to meet the industry needs
- Create an environment for the stakeholders to be good citizens with integrity and morality.
- Committed to improve technical excellence, ethical values continuously.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Location, Infrastructure and Promoters:

1. 10.06 acre prime land, about 15KM from the district head quarters of Krishna District.
2. Run under the governance of Sri Gudivada Ramchandra Rao, Chairman a renowned Industrialist and philanthropist.
3. Excellent infrastructure, Wi-Fi facility and subscribes E-Journals, E-Books and NPTEL.

Academics:

1. More than 80% of students graduate every year consistently. Additional topics, beyond syllabus are taught.
2. Special emphasis on coaching and other professional development activities.
3. Recognizes and appreciates top academic performers in each class.

Faculty:

1. Blend of youth and experience. Ratified by JNTUK, Kakinada. Highly motivated and have published research papers in various journals.
2. General insurance (accidental) to all the faculty, students and staff members. Good retention.
3. Administration is totally transparent.

Research:

1. Encourages faculty for pursuing Ph.D.
2. Reimburses travel expenses for the students, faculty for papers in national/international conferences.
3. Incentives and rewards for research publications in national and international journals.
4. Principal is a recognized research supervisor by JNTU Kakinada and produced 3 Ph.Ds as on date.

Quality Certification and student centric approaches

1. ISO 9001:2015 certified.
2. Recognized under section 2(f) of the UGC Act 1956.
3. All eligible UG courses are in the process of accreditation by NBA.
4. Scholarships/tuition fee and other financial supporting measures are taken.
5. Regular counseling by the faculty advisors. One faculty advisor is entrusted for every 20 students.
6. Students give feedback about teachers' performance.
7. Hostel for girls.
8. Excellent placement record - 70%+ placed every year in leading companies.
9. Eligible students pursue higher education in India and overseas, after getting qualified through GATE, GRE, TOEFL etc.
10. Alumni support the college.
11. Special coaching classes at the language laboratory.
12. Parents' meets are organized once in a semester .
13. Medical care is available during the working hours.
14. Outdoor sports facility, and indoor facility for Chess, Carroms, Table Tennis etc.,
15. A separate Communication & Soft skills Department is established to improve personality & Communication skills of students particularly in 3rd year & 4th year to face job opportunities
16. Industrial visits are arranged- one visit per semester.

Interaction with industry:

1. MoUs with leading industries, in and around the district for betterment of academics and employability.

Institutional Weakness

1. Industry Institution Interaction needs to be strengthened further.
2. Faculty members with industrial experience are less in number.
3. Personality and communication skills of students need to be improved particularly in 3rd and 4th year to face job opportunities in the outside world. Professional coaching for GATE and other competitive exams to be enhanced.
4. The College is affiliated to the JNT University Kakinada and hence has limitation in upgrading the curriculum by own
5. Consultancy and extension activities need improvement.

Institutional Opportunity

1. Situated near the district head quarters of Krishna district, where the multinational companies are setting up their industries. Also, the area is going to be a hub for the automobile, electronics and other industries.
2. The technology is developing at a rapid pace. Robotics, nanotechnology, cloud computing, 5G in mobile communication, IPV6 and construction management are the recent technological advances to name a few. Students may be trained in these areas and placements to be arranged through more campus drives from these industries.
3. The interdisciplinary research in niche areas is the need of the day, which gives opportunity in all areas.
4. Student exchange programmes and twinning programmes with foreign universities are possible.

Institutional Challenge

1. Changing Social and economical scenario leading to unpredictable future.
2. Coping with rapid changing in technology and the industrial requirements to improve the employability of the students are the biggest challenge for an institution affiliated to any University.
3. Scarcity of quality faculty, qualified doctorates as well as teaching faculty with industrial exposure and with a comprehensive assessment of the needs of the industry/ society is a challenge.
4. Students admitted with varying ranks from thousands to lakhs create imbalance in the learning process creating pressure on the teachers.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The institution takes the utmost care in developing the program outline for the effective implementation of the curriculum. College follows Outcomes-based education (OBE) to plan, deliver and evaluate the curriculum as provided for in the university. Stakeholders participate in each step of implementation. Being affiliated with JNTUK, the curriculum follows the college guidelines as set out in the university. The Institution shall design and develop an action plan for the effective implementation of the decision determined by the University. The

Principal of the college holds meetings with various department heads and develops strategies for effective implementation of the curriculum. The Principal being Chief Academic Senator and faculty members duly represent and communicate observations collected from various stakeholders including students, alumni, parents and experts from the industry that are merged and submitted to the university through an appropriate channel for consideration during curriculum review.

Certificate course is offered to students to enhance basic skills. All the programs offer elective courses and Choice Based Credit System (CBCS). Courses like Gender Sensitization, Environment and Sustainability, Human Values and Professional Ethics are included in the curriculum. Workshops, seminars and FDPs are held to enhance the knowledge of faculty fraternity. Apart from the courses in the curriculum, various activities are organized to focus on the socio cultural activities in the campus. Several types of value added courses are given for the students. Most of the students have taken part in internships.

Students and faculty members are encouraged to present their research papers as papers in various national and international conferences and publish them in well-known journals. Student's observations are seriously assessed in the assessment of instructional learning. The results and feedback of students from different stakeholders are evaluated and constitute the basis for enrichment programs to allow for program modification. These reviews are in line with the vision and mission of the institution as well as the current community and national needs to enable nation-building as well as instilling strong work and academic ethics among students.

Teaching-learning and Evaluation

1. Academic calendar:

As per University Academic calendar, time table and course file of teacher are designed.

2. Teaching methods:

1. Chalk &Talk
2. PPT
3. Differentiation
4. Nptel Videos
5. Seminars
6. Quiz
7. Discussion
8. Debate

3. Encouraging bright students

1. Practicing previous questions of GATE and other competitive exams
2. Creating interest towards new technologies

Assisting weak students

1. Identifying where they are weak
2. Teach the subjects knowledge what they are actually needed
3. Providing remedial classes

4. Quality of Class Room Teaching

1. Individual Mentors are allocated to monitor the class room randomly.
2. Faculty must have knowledge on the concepts in the course.
3. Faculty should plan activities to improve the student's interest on the subject like quiz, debate & seminar.

5. Continuous assessment:

There will be two internal examinations for each semester which are evaluated by conducting two descriptive exams (Each 15 marks), two online examinations (Each 10 marks) and assignments (5 Marks).

The scheme of evaluation will be prepared by concern faculty member with division of marks. The answer booklets will be given to the students after evaluation and if any grievance like counting problem happens then it will be rectified by the concern faculty at the same time.

Any grievance in the end examination can be applied to the university in the form of Recounting and Re-Valuation.

Research, Innovations and Extension

Research, Innovations and Extension

The college encourages innovation and supports Research activities. Incubation Centre is established. Students are encouraged to promote their ideas. Research Groups are formed in all departments. The college has functional MOUs with Industries. Guest Lectures, Workshops, Seminars and Conferences are organized on regular basis. Faculty are proactive in paper publication in reputed Journals. The college subscribes to e-Journals and budget allocation is done to facilitate Research activities. Entrepreneurship Development Cell is started to encourage

entrepreneurial activities that result in start-ups. Faculty are encouraged to take up major and minor research projects sponsored by the Funding agencies such as UGC, DST and AICTE. Sri Vasavi Educational Society provides seed money to initiate Research activities. Financial assistance is provided to the Faculty for presenting Research papers at National and International Conferences. Faculty publications in National and International Journals are duly rewarded. Financial support is provided to the faculty for obtaining patents. The following centers create and sustain an inclination for Research.

Incubation Centre

Coding Clubs

E-yantra lab

Knowledge Centre.

The institution provides resources for the propagation of innovative ideas. Various out reach programs are taken up.

Infrastructure and Learning Resources

The Institute maintains sufficient budget for providing and maintaining the required infrastructure and learning resources. The Institution has required infrastructure, well equipped laboratories with learning resources like ICT, class rooms as per AICTE and JNTUK norms. The Institute provides substantial infrastructure for sports like basket ball, throw ball, kabaddi, ball badminton, tennikoit, table tennis & shotput etc. Students are encouraged to participate in college level, university and national competitions.

SVIET Central library maintains all the books and journals are per AICTE norms. Digital access of resources is provided for teachers and students. Central Library has a vast collection of 21,161 volumes and 2,645 titles, 39,798 full text online journals, B Tech guru, NPTEL lectures data base, Del net, NDL, Nobel Info Tech, Soudh sindhu J-gate and 22 General Technical Magazines and 2-English newspapers along with 43 rare books and selflearning facilities. The Institute has 50MBPS internet connection. 473 computers are connected in LAN. The institute maintains adequate student computer ratio as per the norms. There are established systems and procedures for maintaining and utilizing physical, academic and support facilities-laboratory, library, sports complex, computers, classrooms etc.

Student Support and Progression

It emphasizes on the efforts of an institution to provide necessary assistance to students to acquire learning capabilities and to facilitate their total development and progression so that students will be benefited by getting higher education / employment.

The following are the key aspects of criterion – V

5.1 student support

Facilitating mechanisms like various cells to support student. Provisions are made for bridge and value added courses in relevant areas. All the departments in the institution practicing a well developed guidance and counseling system

5.2 Student progression

Institution is striving for students' progression by identifying the reasons for low attainment and remedial measures are implemented for improvement these provisions can lift students from one level of education to the next higher level or employment.

5.3 Student Participation & Activities

Value based education provided by the institution will inculcate social responsibility and students will become good citizens. The institution provides required infrastructure and encourages students to participate in social & Cultural activities. Active participation of students facilitates development of students' skills and competencies for faster growth and total development

5.4 Alumni Engagement

Alumni association is offering contributions for the development of institution. The association providing financial support by way of donations. Alumni association is providing non financial support to the institution as follows by providing alumni interactions with students, awareness is being created among students about the competition for job opportunities. Guest lectures are being arranged by the alumni association members and providing latest technical information. Alumni members who are settled as enterpreimous can offer project assistance to final year students, internships and training programmes for III Year students.

Governance, Leadership and Management

The Institution has effective e-governance, leadership and management with the support of qualified and competent people. The Institute has well documented strategic plan with Vision, Mission, quality policy and action plan. The actionable items are taken up by the concerned people for implementation. Quality education, vision, mission and values are maintained in the institution through involvement of stakeholders. Various committees minutes of meeting are communicated and implemented effectively. For the decentralization, institution has inspiring participative management by all the people in various professional development programs like Conferences, FDPs, student development activities and accreditation task. Service rules and welfare schemes for staff and promotion system is observed. Grievance redressal system is also followed.

Technical knowledge beyond syllabus is imparted to support students. Professional and technical trainings are given to faculty to teach more effectively on emerging trends and technologies. Staff members are encouraged to attend such training and financial assistance is also provided. Performance appraisal system is also implemented. The Institute organizes Techno Fest (SAPIENCE) Seminars, Workshops and Conferences for the overall development of students. Various activities are conducted to inculcate leadership qualities among students and staff.

Institution has IQAC cell to ensure quality in academic, non-academic and administrative functions that strives to achieve Vision, Mission and Quality policy of the institution. Institution conducts internal and external financial audits regularly. The Quality of the institution is supervised by Internal Quality Assurance Cell (IQAC).

Institutional Values and Best Practices

Excellence and Innovation

We, at SVIET persevere in setting standards and attaining excellence by involving ourselves actively in the teaching and learning process. The institute engages highly qualified and experienced faculty members to promote analytical and critical thinking in the process of teaching and learning in a congenial learning environment. This proves to be promising in molding students to suit the professional needs of the industry. The institution is committed to infuse in students, research oriented learning, strive to explore innovative ideas and adapt to industry needs.

Equity & Diversity

SVIET values the principle of equity and diversity which reflects the concept of social justice. The institute

always appreciates and absorbs those who are willing to work, diligent, thrive to acquire knowledge and have a passion to teach.

Quality

The institute strives to maintain high quality in its educational programs that enable students acquire knowledge and skills. The teaching-learning processes blended with skill-based training to students ensure constructive and productive outcomes also inculcating values. The use of technology is promoted to keep students abreast of the latest and emerging trends in their respective fields.

Social Responsibility

The institute emphasizes promotion of social responsibility in various stakeholders. Students are trained to be in cognizance of contemporary social issues concerning the development of the country. This is accomplished by creating opportunities to interact with people in the local and global community thus preparing them to stand for the society.

Environment/ Sense of sustainability

Promoting dynamic environment is an unceasing endeavor of the institution. Apart from enabling a positive working, learning and research-oriented environment, SVIET highly values green initiatives thus contributing to environment sustainability.

Academic and Personal Integrity

With an intention to provide quality education, SVIET is committed to academic honesty and personal integrity which are its foundation stones. The management, faculty members and students adhere to institutional policies. The work environment promotes and encourages principles like: respecting each other and institutional policies, willingness to work, setting an example, accountability etc.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SRI VASAVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Address	Nandamuru Pedana Mandal Krishna District
City	NANDAMURU PEDANA MANDAL KRISHNA DIST
State	Andhra Pradesh
Pin	521369
Website	www.sviet.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	A.B.Srinivasa Rao	08672-241386	9490754794	08672-241387	srivasavi2007@gmail.com
IQAC Coordinator	P.SESHU BABU	-	6300034800	-	psb.seshu@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	04-06-2008

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Andhra Pradesh	Jawaharlal Nehru Technological University,Kakinada	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	24-05-2016	View Document
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	04-04-2018	12	Every year it renewal

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Nandamuru Pedana Mandal Krishna District	Rural	10.06	15779

2.2 ACADEMIC INFORMATION

NAAC

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Department Of Civil Engineering	48	Intermediate or Equivalent	English	60	13
UG	BTech,Department Of Electrical Electronics Engineering	48	Intermediate or Equivalent	English	60	16
UG	BTech,Department Of Computer Science And Engineering	48	Intermediate or Equivalent	English	120	114
UG	BTech,Department Of Mechanical Engineering	48	Intermediate or Equivalent	English	60	16
UG	BTech,Department Of Electronics And Communication Engineering	48	Intermediate or Equivalent	English	120	80
PG	Mtech,Department Of Computer Science And Engineering	24	B.Tech or Equivalent	English	18	2
PG	Mtech,Department Of Electronics And Communication Engineering	24	B.Tech or Equivalent	English	18	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	9				11				82			
Recruited	9	0	0	9	11	0	0	11	63	19	0	82
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government			78	
Recruited	66	12	0	78
Yet to Recruit			0	
Sanctioned by the Management/Society or Other Authorized Bodies			0	
Recruited	0	0	0	0
Yet to Recruit			0	

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				21
Recruited	16	5	0	21
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	7	0	0	3	0	0	0	0	0	10
M.Phil.	0	0	0	0	0	0	2	2	0	4
PG	2	0	0	8	0	0	61	17	0	88

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	12		0		12

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Diploma	Male	143	0	0	0	143
	Female	42	0	0	0	42
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	2	0	0	0	2
	Others	0	0	0	0	0
UG	Male	109	0	0	0	109
	Female	130	0	0	0	130
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	14	7	7	7
	Female	2	11	2	7
	Others	0	0	0	0
ST	Male	1	0	0	2
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	63	66	84	67
	Female	45	76	64	59
	Others	0	0	0	0
General	Male	67	48	71	76
	Female	81	85	102	94
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		273	293	330	312

3. Extended Profile

3.1 Program

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

Response: 832

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	7	7	7	7

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1421	1502	1584	1569	1636

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
207	207	207	207	207

File Description	Document
Institutional data in prescribed format	View Document

Number of outgoing / final year students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
400	390	443	420	445

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

Number of full time teachers year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
98	103	114	120	99

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
98	103	114	120	99

File Description	Document
Institutional data in prescribed format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 32

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
326.89085	361.61312	352.86665	324.04531	336.50856

Number of computers

Response: 473

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Response:

The college is affiliated to Jawaharlal Nehru Technology University, Kakinada and follows the curriculum prescribed by the university. The academic calendar of the university is adhered to. An active plan for timely implementation is formulated by the institution to ensure effective delivery. Each department prepares calendar of events based on the academic calendar of JNTUK and calendar of events of the college. The calendar of events of the department includes the activities planned like guest lectures, industrial visit and internal examination, Co and Extra curricular activities dates. The preparation of such a plan helps with effective distribution of syllabus, clarity of curriculum and timely completion of the course. The staff members and students adhere to the calendar of events to meet the department's planned events.

Subject allotment is done well in advance for the staff to prepare lesson plans, course plan, soft and hard copies of lecture notes. Lesson plan for each course is designed by the course coordinators adhering to the calendar of events of the department. The individual teaching plans of every subject are uploaded by the respective teacher on the college automation software along with the calendar. The teacher uploads the syllabus completed in class every day on the software to keep a timely check and to ensure implementation of the planning done by the department. Along with this, the respective teacher prepares course material, class notes and PPT presentations in order to be fully prepared for teaching. The predefined planning for the successful execution of teaching with the objective of OBE is carried out with the help of professionally developed software. According to the present scenario of teaching and learning process, modern techniques are adopted in our institution for the upliftment of the student's performance and for the achievement of good results.

Continuous evaluation is maintained throughout the year by conducting tests after completion of every unit to ensure thorough understanding. Transparency and impartiality are maintained in the evaluation process. Valued answer scripts are returned to the students with suggestions to improve wherever necessary. The college follows Outcome-based education (OBE). Departmental committees as a result of their rigorous assessment evaluate each student's performance and advice teaching plans based on their ability for effective teaching and learning process to ensure better results. Attention to student needs is given by the teachers and mentors. Each department conducts various training and certification programs to make the students industry-ready. Several guest lectures and industrial visits are also arranged periodically to keep the students ahead of the existing knowledge. Timely feedback is obtained from the students and staff. Measures are taken to enforce necessary changes by the HODs and principal. The staff is constantly encouraged to attend refresher courses, workshops and seminars to update their knowledge. Internal Quality Assurance Cell (IQAC) confirms that attendance registers, internal examinations, preparation of internal question papers, scheduling of other program and events are conducted properly. In order to have practical knowledge, the students are encouraged to do projects and mini projects.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 18

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	4	6	1	1

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Details of the certificate/Diploma programs	View Document
Any additional information	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 4.68

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

File Description	Document
Details of participation of teachers in various bodies	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years**Response:** 79.09

1.2.1.1 How many new courses are introduced within the last five years

Response: 658

File Description	Document
Minutes of relevant Academic Council/BOS meetings.	View Document
Details of the new courses introduced	View Document
Any additional information	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented**Response:** 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 7

File Description	Document
Name of the programs in which CBCS is implemented	View Document
Minutes of relevant Academic Council/BOS meetings.	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years**Response:** 55.19

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1421	1318	1092	253	51

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

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

Response:

The University curriculum itself includes topics on Environment Engineering, Professional Ethics. In addition to that various programmes are organized to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum.

Following courses are imparted to students as cross-cutting issues:

- English-I
- English Communications skills lab-I
- English-II
- Environmental Studies
- English Communications skills lab-II
- Managerial Economics and Financial Analysis
- Management Science
- Professional Ethics and Human Values
- Intellectual property rights and patents

Programmes are conducted to create awareness on gender sensitization at various occasions particularly on Women's Day. The college has a Women Empowerment Cell to enhance the understanding of gender issues and make the college a safe environment for women to learn, work and realize their full potential. The Cell creates awareness on Women's Issues, Rights, and Gender Equality and suggests ways to improve the social and economic condition of women and also deals with harassment issues faced by women in the college.

The members of NSS involve themselves in planting trees and samplings within the campus and surrounding areas. Many seminars, workshops are conducted on environmental issues by various departments of the Institution.

Name of the course	Year
Environmental Studies	2017-18
Management Science	2017-18
IPR & Patents	2017-18

	8
Professional Ethics and Human Values	2017-1 8
English I	2017-1 8
English II	2017-1 8
Managerial economics and financial analysis	2017-1 8
English communication skills lab I	2017-1 8
English communication skills lab II	2017-1 8
Environmental Studies	2016-1 7
Management Science	2016-1 7
IPR & Patents	2016-1 7
Professional Ethics and Human Values	2016-1 7
English I	2016-1 7
English II	2016-1 7
Managerial economics and financial analysis	2016-1 7
English communication skills lab I	2016-1 7
English communication skills lab II	2016-1 7
Environmental Studies	2015-1 6
Management Science	2015-1 6
IPR & Patents	2015-1 6
Professional Ethics and Human Values	2015-1 6
English I	2015-1 6
English II	2015-1

	6
Managerial economics and financial analysis	2015-1 6
English communication skills lab I	2015-1 6
English communication skills lab II	2015-1 6
Environmental Studies	2014-1 5
Management Science	2014-1 5
IPR & Patents	2014-1 5
Professional Ethics and Human Values	2014-1 5
English I	2014-1 5
English II	2014-1 5
Managerial economics and financial analysis	2014-1 5
English communication skills lab I	2014-1 5
English communication skills lab II	2014-1 5
Environmental Studies	2013-1 4
Management Science	2013-1 4
IPR & Patents	2013-1 4
English I	2013-1 4
English II	2013-1 4
Managerial economics and financial analysis	2013-1 4
English communication skills lab I	2013-1 4
English	2013-1

communication skills lab II	4
File Description	Document
Any Additional Information	View Document
Link for Additional Information	View Document

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 31

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 31

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Brochure or any other document relating to value added courses.	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 100

1.3.3.1 Number of students undertaking field projects or internships

Response: 1421

File Description	Document
List of students enrolled	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise
A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Any additional information	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.07

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	1	0	1	4

File Description

Document

List of students (other states and countries)

[View Document](#)

Institutional data in prescribed format

[View Document](#)

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 87.63

2.1.2.1 Number of students admitted year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
320	385	453	416	424

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
456	456	456	456	456

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per

applicable reservation policy during the last five years**Response:** 82.8

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
169	173	165	176	174

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.2 Catering to Student Diversity**2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners****Response:****Methodology to identify bright students**

- The bright students are identified from their participation in classroom discussion, performance in the assessment tests and participation in classroom seminars, questioning ability and University result analysis.
- The bright students are encouraged to participate in symposia, workshops and seminars to gain knowledge on the latest developments.
- The students are encouraged to take up industry based projects in the advanced topics under the guidance of the faculty members.
- They are provided with the guidance about patents, project management and prototype building.
- Bright students are encouraged to lead the students' association team which organizes various activities viz. paper presentation, poster presentation, lecture series etc.

The bright students having high academic track records are encouraged by faculties to achieve university ranks, also encouraged to take up competitive examinations like GATE, GRE etc.,

Methodology to identify weak students:

- The weak students are identified from their participation in classroom discussion, performance in the assessment tests (less than 15 out of 30) and University result analysis.
- Department arranges remedial lectures for weak students in all the courses.
- Teacher informs the parents regarding improvement in the performance of their ward on regular

basis.

- Attempts are made by the teachers to give personal attention to these students.
- Specially developed question banks and assignments are given.
- Participative and progressive weak students are given chance to improve team work to motivate and appreciate their efforts.
- A blended motivation and responsibility from both parents and faculty will create a positive mindset and will help to overcome the inabilities and hurdles faced by the slow learners.
- A special counselling and tutorial classes are conducted by the faculty for those students who have failed in any subject

List of Weak Students for the Batch (2015-19) and their progress tracking by course teaching faculty:

A sample assessment form is shown below to show how faculty tracks the weak students and assess their performance:

S No.	Reg. No	Name of the Student	Internal-1 status	Internal-2 status	University Exam status
1	14MQ1A0407	CHAGANTIPATI SRUTHI			
2	14MQ1A0411	DAMA NAGA SWETHA			
3	14MQ1A0490	PARESE AVINASH			
4	15MQ1A0403	BRUGUMALLA NARMADA	L		
5	15MQ1A0410	KOLLIPARA VEDAVATHI	N V		
6	15MQ1A0412	LUKKA SANDHYA			
				
42	16MQ5A0427	PINJALA SRIRAM			

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.2.2 Student - Full time teacher ratio

Response: 14.5

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.28

2.2.3.1 Number of differently abled students on rolls

Response: 4

File Description	Document
List of students(differently abled)	View Document
Institutional data in prescribed format	View Document
Any other document submitted by the Institution to a Government agency giving this information	View Document

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

Response:

The college believes that self-learning and learning beyond syllabus have a great scope in the development of the career of an engineer. Everything in engineering cannot be taught in the class room or laboratories. The explosion in knowledge related to applied science and engineering during the last century has been so much that four years is too short period even to cover one branch of engineering. This fact calls for the relevance for self-learning for young engineers. What an institution should do is to provide adequate facilities for self-learning to the students so that they get motivated to learn more and more and ultimately become life-long learners and innovators. Library, Internet and Sports hours are included in time tables to improve learning ability by using facilities available

Motivation for self-learning should be provided in the classrooms. A teacher has a great role to play in this. Discussing subject beyond the syllabus, providing exposure to exciting developments in science and technology around the globe, attempting solutions to problems in daily life etc. are the ways to motivate students for self-learning. They should also be motivated to do things themselves so that they gain confidence to try anything with their own hands.

Facilities provided for the continuity of self-learning:

1. Central library
2. digital library
3. NPTEL (National Program Technical Enhanced Learning)
4. ECAP Explanation

Instructional Methods and Pedagogies

The following methods are followed:

1. Talk & Chalk: Usage of blackboard, chalk and lecture
2. PPT: PowerPoint Presentation for the relevant topic

3. Visualization: Showing 3D objects to the students and explaining
4. Co-operative learning: A method of instruction characterized by students working together to reach a common goal
5. Enquiry-based instruction: Prior intimation of the topic in the previous classes to the students for inquiry of the topic and asking the questions in the next class
6. Differentiation: Summarizing the types with similarities and differences
7. Technology: New & updated technology relevant to the course
8. Behavior management: Wide variety of skills and techniques that teachers use to keep students organized, orderly, focused, attentive, on task, and academically productive during a class
9. Professional development: improving their professional knowledge, competence, skill, and effectiveness
10. Virtual lab: IIT virtual labs
11. Seminars: Seminar should be given by the student
12. Brainstorming: Giving a topic and allowing the students to think over it for new ideas
13. Buzz group: Formation of groups with 3-4 members in each and discussion on the Topic
14. Animated lecturers: Showing Animated videos to students
15. Pictorial sessions: 2D objects charts
16. Debate sessions: Assigning a topic to the students and allow them to debate
17. Quiz: Asking Questions on the covered topic by forming the batches.
18. OHP: Overhead Projections of the images
19. Roleplay: Students are explored realistic situations by interacting with other people in a managed way in order to develop experience and trial different strategies in a supported environment.
20. Survey-based assessment
21. NPTEL Videos

NPTEL Student performance:

Students enrolled	Students appeared for examination	Top 5%	Gold	Elite	Overall Success percentage
873	105	2	3	54	97.14

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 98

File Description	Document
List of teachers (using ICT for teaching)	View Document
Any additional information	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 16.33

2.3.3.1 Number of mentors

Response: 87

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

Innovations by the faculty in Teaching and Learning:

Use of modern teaching aids like LCD projectors and Internet-enabled computer systems are usually employed in classrooms and other student learning environments.

- Expert video subject lectures delivered by the various eminent resource persons are available in the digital library and it facilitates the faculty and students to utilize E-Tutorials of NPTEL, access E-Journals, Video Conference room, etc.
- Faculty members use the digital library, MATLAB, Mentor Graphics, and other Open Source tools to understand the course content.
- Developing Ways to enable our students to think across disciplinary boundaries and/or to make connections between what they learn inside as well as outside the classroom through various workshops and expert lectures.
- The faculty members are encouraged to participate in short term courses, webinar, faculty development programs and workshops on advanced topics to keep pace with the advanced level of knowledge and skills.
- The faculties have been participating/presenting papers in national/international conferences and publish their articles in national/international journals to enrich their knowledge.
- The Fast learners are chosen as team captains and are asked to choose members for their teams from the

slow learners' group in the class. The team members are advised to have an interactive approach for their studies. The performance of each team is assessed after the internal tests, and the top scoring teams are awarded prizes.

The following methods are practiced by teachers:

1. Talk & Chalk: Usage of blackboard, chalk, and lecture
2. PPT: PowerPoint Presentation for the relevant topic
3. Visualization: Showing 3D objects to the students and explaining
4. Co-operative learning: A method of instruction characterized by students working together to reach a common goal
5. Inquiry-based instruction: Prior intimation of the topic in the previous classes to the students for inquiry of the topic and asking the questions in the next class
6. Differentiation: Summarizing the types with similarities and differences
7. Technology: New & updated technology relevant to the course
8. Behavior management: Wide variety of skills and techniques that teachers use to keep students organized, orderly, focused, attentive, on task, and academically productive during a class
9. Professional development: improving their professional knowledge, competence, skill, and effectiveness
10. Virtual lab: IIT virtual labs
11. Seminars: Seminar should be given by the student
12. Brainstorming: Giving a topic and allowing the students to think over it for new ideas
13. Buzz group: Formation of groups with 3-4 members in each and discussion on the Topic
14. Animated lecturers: Showing Animated videos to students
15. Pictorial sessions: 2D objects charts
16. Debate sessions: Assigning a topic to the students and allow them to debate
17. Quiz: Asking Questions on the covered topic by forming the batches.
18. OHP: Overhead Projections of the images
19. Roleplay: Students are explored realistic situations by interacting with other people in a managed way in order to develop experience and trial different strategies in a supported environment.
20. Survey-based assessment
21. NPTEL Videos

File Description	Document
Any additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 6.03

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
8	7	7	6	4

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document
Any additional information	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 9.36

2.4.3.1 Total experience of full-time teachers

Response: 917

File Description	Document
Any additional information	View Document

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 207.87

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
98	36	18	29	41

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document
Any additional information	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 7.54

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
8	8	8	8	8

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

Internal Assessment Test:

The institute conducts two internal assessment tests after completing 8th week and 16th week respectively. Each test covers half of the syllabus. The tests are conducted for a maximum of 30 marks. (No minimum marks criteria from the university). The duration of the test is one and half hour and question paper is set to make the student to learn time management. Program Coordinator along with test coordinator is responsible for the conduction of the test. The department has a Scrutinizing Committee, comprising of HoD and two senior faculty members to check the quality of the question paper, RBT levels and COs compliance.

Process for Internal Assessment Test Question Paper Setting:

- The course co-coordinator sets the question paper for the Internal Assessment.
- The course co-coordinator ensures to frame questions based on various RBT levels and is mapped to the Course Outcomes (COs) to assess the students at various RBT levels.

Procedure for Conduction and Evaluation of Internal Assessment Test:

The time table for the Internal Assessment Test will be conducted as per academic calendar and the dates are announced and kept in the notice board 15 days prior to the commencement of the test.

Question Papers:

For each subjects, question bank is prepared. While setting the question paper all previous university exam papers are taken into consideration. According to level of toughness the questions are prepared (viz., analyzing the problems, implementation of modern tools, formulating the problems etc), which is termed as Bloom's Taxonomy.

The questions will be of three categories:

- One third of the questions is straight and can be answered by all students.
- One third of the questions need analysis and use of content covered as per syllabus.
- Remaining one third of the questions are not straight. Certain amount of thinking, analysis and mathematical knowledge are required to resolve

Sample Internal Question Paper Analysis:

Name of the Course: Electronic Devices and Circuits

Year & Semester: II Year I

Sem Course Code: C211

INTERNAL: 1

Q.No	Question	Marks	CO
1.a	Describe the Hall Effect. What properties of a semiconductor are determined from a Hall Effect experiment?	5	C211.1
1.b	In an N type semiconductor the fermi level is 0.3 ev below the conduction band at 300k. If the temperature is increased to 360 k, If the temperature is increased to 360 k, determine the new position of Fermi level.	5	C211.1
2.a	Explain the operations of Tunnel diode with the help of Energy band diagrams.	8	C211.2
2.b	The reverse saturation current of Ge diode is 2 micro amps at a temperature of 25 degree centigrade. Find the reverse saturation current of the diode at a temperature of 75 degree centigrade.	2	C211.2

3.a	Explain the operation of Bridge Rectifier and derive its ripple factor.	5	C211.3
3.b	Explain the operation of Full Wave Rectifier with shunt Capacitor filter and derive its ripple factor.	5	C211.3
File Description		Document	
Any additional information		View Document	
Link for Additional Information		View Document	

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

Evaluation Quality:

Each faculty prepares schema of evaluation and also the key for each exam conducted to students. The answer sheets after evaluation will be distributed to students in the classroom and discuss the answers with students. If there are any grievances, same will be discussed and resolved.

A Sample Scheme of Evaluation for EDC Internal Question Paper is shown below:

Academic Year: 2017 -18

Department of Electronics and Communication Engineering

II B. Tech I Sem I Mid Exam

SUB: EDC

Branch: ECE A & B

Max Marks: 30 M

Scheme of Evaluation:

1. a) Describe the Hall effect

2M

What properties of a semiconductor are determined from a Hall Effect experiment? 3 M

b) In an N type semiconductor the fermi level is 0.3 ev below the conduction band at 300k. If the temperature is increased to 360 k, If the temperature is increased to 360 k, determine the new position of Fermi level. 5 M

2. a) Explain the operations of Tunnel diode with the help of Energy band diagrams.

8M

b)The reverse saturation current of Ge diode is 2 micro amps at a temperature of 25 degree centigrade. Find the reverse saturation current of the diode at a temperature of 75 degree centigrade.

2M

3. a) Explain the operation of Bridge Rectifier 2M

derive its ripple factor. 3M

b)Explain the operation of Full Wave Rectifier with shunt Capacitor filter 2M

derive its ripple factor. 3M

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

University conducts and evaluates the end semester examinations and has provision to apply for recount and re-evaluation to students. Students with grievances will apply for the same.

Internal Assessment Test:

The institute conducts two internal assessment tests after completing 8th week and 16th week respectively. Each test covers half of the syllabus. The tests are conducted for a maximum of 30 marks. (No minimum marks criteria from the university). The duration of the test is one and half hour and question paper is set to make the student to learn time management. Program Coordinator along with test coordinator is responsible for the conduction of the test. The department has a Scrutinizing Committee, comprising of HoD and two senior faculty members to check the quality of the question paper, RBT levels and COs compliance.

Process for Internal Assessment Test Question Paper Setting:

- The course co-coordinator sets the question paper for the Internal Assessment.
- The course co-coordinator ensures to frame questions based on various RBT levels and is mapped to the Course Outcomes (COs) to assess the students at various RBT levels.

Question Papers:

According to level of toughness the questions are prepared (viz., analyzing the problems, implementation of modern tools, formulating the problems etc), which is termed as Bloom's Taxonomy.

The questions will be of three categories:

- One third of the questions is straight and can be answered by all students.
- One third of the questions need analysis and use of content covered as per syllabus.
- Remaining one third of the questions are not straight. Certain amount of thinking, analysis and mathematical knowledge are required to resolve.

Assignments:

- Assignment issue and submission dates are announced by the respective faculty members. Assignment questions are prepared using Bloom's Taxonomy process.
- Surprise tests, quizzes, video links are provided.
- In order to bridge the gap in curriculum, bright students are given some assignment beyond syllabus.
- Assignments are evaluated and feedback is given to the students to improve their learning and appreciate their efforts

Evaluation Quality:

Each faculty prepares schema of evaluation and also the key for each exam conducted to students. The answer sheets after evaluation will be distributed to students in the class room and discuss the answers with students. If there are any grievances, same will be discussed and resolved.

- **Sample internal Examination**

Name of the Course: Database Management Systems		Academic Year: 2017 – 18	
Name of the Faculty: Mr. M. Srinivasa Rao		Year & Semester: III Year I	
Course Code: C314		Branch & section: CSE-A&B	
I- Internal Examination Paper Quality Analysis			
Q.No	Question	Marks	
1.a	Explain three layer structure of DBMS	5	
1.b	Write the advantage of DBMS over traditional file system	5	
2.a	What are different notations used in E-R diagram	5	
2.b	How the generalization is represented using E-R diagram	5	
3.a	Define Relation, Views, Data Independence, Instance, Schema	10	
File Description		Document	
Any additional information		View Document	
Link for Additional Information		View Document	

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

University announces the calendar for the Internal examinations consisting of Subjective and objective examinations. Objective examination question papers were provided by the university and there is no possibility to deviate from the university calendar.

University announces the weeks in which the institution should conduct the laboratory examinations. Examiners are appointed by the university and the Institute interacts with the examiner and conducts the examination as per the university schedules.

University announces the week in which the project examinations are to be conducted and announces the examiner. Institute conducts the examination as per the university calendar without any deviation.

For all internal examinations, the Institute should submit the marks to the university using the university web portal within the stipulated time specified by the university from time to time. Hence, there will be no deviations.

Results announced will be shared to the students at <http://117.239.54.69/newecap/default.aspx>

Principal is the chief superintendant.

Committee has one faculty from each department and few exclusive clerks for the examination branch.

Roles & Responsibilities of In charge, Examination Cell:

1. Communicating the Examination schedules each academic year to the stakeholders through the principal.
2. Communicating Academic calendar and timetable given by the university to the staff and students through the principal.
3. Giving advanced circular to the staff signed by the principal regarding submission of question paper, award sheets on time and any other required documents.
4. Administering the process of preparing and sending examination time tables, invigilation duties to the staff, seating arrangement for each examination room and making arrangements for smooth conduction of examinations.
5. Administering the process of receiving, checking and securely storing confidential examination materials of internal assessment etc.
6. Uploading the data related to students, Examination marks, student attendance, End exam registration data to the university in stipulated time.
7. Downloading the End University Examination question paper in encrypted form and making it decrypted and printing the necessary number of question papers as per the end examination requirement in presence of principal and observer.
8. Ensure that Examinations are held in stipulated time and make sure that the exam related documents reach to the nodal centre in time.

9. Administering the process of distributing the marks memos to the students.

II. Roles & Responsibilities of Department member:

1. Communicating the timetables, notices etc. sent by the examination cell to the students
2. Keeping records of all the examinations held in soft as well as The certain hard copy as applicable
3. Summarizing the Examination results and preparing the report

III. Roles & Responsibilities of Junior Assistant:

1. Preparing examination time tables, invigilation duties to the staff, seating arrangement for each examination room, as explained by the In charge.
2. Preparing the data related to students, Examination marks, student attendance, End exam registration data to be uploaded to the university
3. Assisting in the collection of Answer scripts, Examination fees and keeping records of the same.

IV. Roles & Responsibilities of Clerk:

1. Collecting the examination scripts, packing and dispatching examination scripts
2. Collecting the Examination fees from the students.
3. Keeping records of all the examinations held for future.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

Program outcomes specified by NAAC and NBA were taken. Each program specifies 2-4 PSOs.

Each Faculty writes their Course outcomes after the course allotment at the beginning of the semester.

All POs, PSOs are available on the web site at <http://sviet.edu.in/obeps.php> and COs at respective department pages and the same are attached.

Program Specific Outcomes (CSE):

PSO 1:Engineering Fundamentals:The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.

PSO 2:Career Development:The ability to excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.

PSO 3:Problem Solving Skills:The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.

PROGRAM SPECIFIC OUTCOMES (ECE):

PSO1: Able to apply concepts, design, and implement complex systems related to Analog & Digital Circuits, Communications, and Signal Processing.

PSO2:Aware of contemporary knowledge and apply techniques in VLSI, and Micro Processors & Micro Controllers.

PSO3:Able to identify problems in the society and solve by designing projects.

PSO4:Able to improve personality development life skills and make them to be industry ready

Program Specific Outcomes (ME):

PSO1. SKILLS FOR SUCCESSFUL CAREER: Able to apply engineering knowledge to get through the competitive examinations for employment/higher studies.

PSO2. PROBLEM SOLVING SKILLS: Exercise latest techniques, innovative methods and multi disciplinary knowledge in solving engineering problems of industry and serve the society.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Each program calculates CO and PO attainments and are attached.

Theory Courses:**Direct Attainment**

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment	Level
Internal examinations	Twice Semester	per Examinations cell	Students scored > class average mark	1: <50% students 2: 50-70% students 3: >=70% students	
Assignments	Once semester	per Course Coordinator	Students scored > class average mark	1: <50% students 2: 50-70% students 3: >=70% students	
University Examinations	Once semester	per Examinations cell	Students scored > class average mark or Students scored >C	1: <50% students 2: 50-70% students 3: >=70% students	
				Total	

Indirect Attainment

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment	Level
CO Feedback	End of semester	Assessment committee coordinator	Average of entire class for each CO	Class Average on the scale 1-3	

*Overall course attainment = 0.8*Direct attainment+0.2*Indirect attainment*

Laboratories:**Direct method**

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment	Level
Internal Examination	Once in Semester	Lab Coordinator	Students scored > class average mark	1: <80% students 2: 80-90% students 3: >=90 students	
Day-to-day evaluation	During each session	lab Lab Coordinator	Students scored > class average mark	1: <80% students	

				2: 80-90% students	
				3: >=90 students	
University Examinations	Once in Semester	University appointed Examiner	Students scored > 35 Or Students scored >B grade	1: <80% students 2: 80-90% students 3: >=90 students	

Indirect Method:

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment	Level
Lab Feedback	End of semester	Assessment committee coordinator	Average of entire class for each CO	Class Average on the scale 1-3	

*Overall course attainment = 0.8*Direct attainment+0.2*Indirect attainment*

Project Work:

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment	Level
Internal Reviews	Three reviews per Semester	Project Review Committee	Students scored > class average mark	1: <80% students 2: 80-90% students 3: >=90 students	
Day-to-day evaluation	During project execution (Thrice in week)	Project Guide	Batch marks	1: <80% students 2: 80-90% students 3: >=90 students	
External Viva	Once in Semester	University appointed Examiner	Students scored > class average mark	1: <80% students 2: 80-90% students 3: >=90 students	
Project Outcomes	End of Semester	Project coordinator	Count	1: <=1 2: 2	

3: >2

Add-on Courses:

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment L
SOFTSKILLS 1	I Semester	T&P Coordinator	Students scored > class average mark	1: <51% students 2: 51-69% students 3: >=70% students
SOFTSKILLS 2	II Semester	T&P Coordinator	Students scored > class average mark	1: <51% students 2: 51-69% students 3: >=70% students
Aptitude & Reasoning	Once in Semester	T&P Coordinator	Students scored > class average mark	1: <51% students 2: 51-69% students 3: >=70% students
Python Programming	Once in year	T&P Coordinator	Students scored > class average mark	1: <51% students 2: 51-69% students 3: >=70% students

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.3 Average pass percentage of Students**Response:** 64

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 256

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 400

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

NAAC

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 1

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	1.0

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
Any additional information	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Response: 2.04

3.1.2.1 Number of teachers recognised as research guides

Response: 2

File Description	Document
Any additional information	View Document

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.05

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 1

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 108

File Description	Document
Supporting document from Funding Agency	View Document
Any additional information	View Document
Funding agency website URL	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

The Institution provides a conducive environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Students are encouraged to actively involved in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents. Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. Product service Training is provided for creating awareness on marketing the products.

The sole objective of the Incubation Centre is to facilitate students to convert their Ideas into Technological Innovations. Students are provided facilities to build prototypes useful for promotion of Agriculture and Rural Development. Financial Assistance is provided for major and minor Research Projects. Workshops on emerging trends in Technology are held. Model Expos are held. Students are awarded cash prizes for best models. Students are encouraged to gain hands on experience and better Industrial Exposure. This would be an added advantage to the students to further develop their Prototypes. Development of cost effective society related projects are encouraged. Other Initiatives for creation and transfer of knowledge included.

e - yantra Lab in collaboration with NexRobotics

Financial support is extended to the students for exhibiting their models at the Idea Generation Contests, Competitions held by other organizations. Students are provided with an opportunity to acquire skills for commercialization of their product. The Local Entrepreneurs are invited to address the students and inspire them.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 3

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	0	0

File Description	Document
Report of the event	View Document
List of workshops/seminars during the last 5 years	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
e- copies of the letters of awards	View Document
Any additional information	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years**Response:** 2.5

3.3.3.1 How many Ph.Ds awarded within last five years

Response: 5

3.3.3.2 Number of teachers recognized as guides during the last five years

Response: 2

File Description	Document
URL to the research page on HEI web site	View Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years**Response:** 0.96

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
34	12	24	18	14

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years**Response:** 0.13

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	4	0	3	0

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

Under the Aegis of NSS our college has undertaken the variety of Activities which directly benefit the Society and the people. We have our NSS unit with 100 enthusiastic volunteers who are always ready to take up any Service Activity. This unit has adopted chinna nandamuru village which is located 1.5 km away from college. The unit frequently visits the adopted village and tries to find out and solves same problems.

Name of the activity	Organising agency/ collaborating agency	Name of the scheme	Year of the activity	Number of participated activities	Number of teachers	Number of students
Blood identification group	Govt Hospital Machilipatnam	Special camping	2017-18	25		
Digital India Use of internet for banking and Information by NSS, Nandamuru gokavaram, madaka	Sbi Bhaskarapuram	Digital India	2017-18	22		
Awareness Campaign on Aids Day	Red Cross Society	Aids Day	2017-18	50		
Blood Donation camp	Dr.Pattabhi Red Cross Society Blood Bank Machilipatnam	Special camping	2017-18	5		
Swatch Campaignng	Bharat SVIET NSS CELL	Special camping	2017-18	54		
Road safety @ measures	AP RTO, MACHILIPATNAM	Rahadari badratha varostovas by ap state govt	2017-18	26		

Say No to Plastic Bag Campaign	SVIET NSS CELL	National scheme camping	service special	2017-18	28		
Medical Camp for students	SVIET NSS CELL	National scheme camping	service special	2016-17	15		
Awareness Campaign on Aids Day	Red Cross Society	Aids Day		2016-17	26		
Blood Donation Programme	Govt.Hospital Machilipatnam	National scheme camping	service special	2016-17	20		
Digital banking Awareness Programme	SBI BHASKARAPURAM	Digital banking campaign		2016-17	23		
Swatch Campaignng	Bharat SVIET NSS CELL	Special camping		2016-17	26		
Awareness on Cashless transaction	SBI BHASKARAPURAM	Digital banking campaign by central govt		2016-17	34		
Awareness program on antiragging measures	SVIET NSS CELL	A.P POLICE DEPT.		2015-16	36		
First AID Training	Govt .Hospital Machilipatnam	Chairman ministry of health & family welfare government of india		2015-16	35		
Awareness program on antiragging measures	AP POLICES department	Special camping		2015-16	35		
National voters day	SVIET NSS CELL	National voters day celebrations		2015-16	46		
Awareness Program on school Dropouts	SVIET NSS CELL	National scheme camping	service special	2015-16	25		
Voter Awareness program	SVIET NSS CELL	National scheme camping	service special	2014-15	35		
Mass Plantation Program	NANDAMURU	National scheme camping	service special	2014-15	24		
Blood donation camp	Govt .Hospital Machilipatnam	Govt Hospital Machilipatnam		2014-15	22		
A Programme on life history of swami vivekanda .	Ramakrishna mattam	National Youth Day		2014-15	54		
Nature , environment and	SVIET NSS CELL	Nature , environment		2014-15	20		

disaster management campaign.		and disaster management campaign			
Blood donation camp	Govt .Hospital Machilipatnam	Govt Hospital Machilipatnam	2013-14	28	
Nature , environment and disaster management campaign.	SVIET NSS CELL	Nature , environment and disaster management campaign.	2013-14	25	
A Programme on life history of swami vivekanda .	Ramakrishna mattam	National Youth Day	2013-14	25	
Awareness Campaign on Aids Day	Red Cross Society	Aids Day	2013-14	37	

File Description	Document
Link for Additional Information	View Document

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 23

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	8	4	3	3

File Description	Document
Number of awards for extension activities in last 5 years	View Document

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 48

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last

five years

2017-18	2016-17	2015-16	2014-15	2013-14
12	6	12	11	7

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 51.91

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
846	700	759	984	700

File Description	Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 10

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	2	3	0	0

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 10

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
5	2	3	0	0

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - 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.

Response:

The vision of the institution management is to constantly improve the students learning environment by providing the infrastructure that is on par with the prestigious institutions of India. The institution is actively trying to improve the quality of the knowledge imparted on the students, our policy allows us to be flexible and adapt to the current needs of our students so that we are able to bring the best out of them. The institution has smart classrooms with LCD Facility, Laboratories equipped to serve the students with sufficient practice, digital library, an R&D cell, and Project Lab to satisfy the aforementioned need.

The institution also organizes several seminars, talks, workshops, faculty development programmes related to emerging technologies to keep everyone in institution updated in their respective fields using the central facilities such as seminar halls. We thoroughly believe in learning through a visual medium and this led to the construction of two video presentation halls.

The campus is spread over an area of 14 acres comprising four buildings (commonly called as Block-1, 2, 3 and 4) of high-standard, classrooms with proper ventilation, numerous laboratories, smart classrooms, and library. Restrooms are provided at regular intervals in each corridor.

Block-1 predominantly consists of Administration, Department of Computer Science and Engineering, Department of Electronics and Communications Engineering, Department of Electrical and Electronics Engineering.

Block-2 consists of Department of Mechanical Engineering.

Block-3 serves first-year students of all programs and Civil engineering.

Block-4 consists of the laboratories of Mechanical and Civil Engineering specialization.

S.NO	Facility	Total Number	Total Area in Sq.m
1	Class Rooms	28	2261
2	Tutorial Rooms	3	195
4	Labs	29	2896
5	Seminar Halls	2	346
6	Smart Class Rooms	1	100
7	Video Conferencing Room	1	80
8	Workshop	1	161.27
9	Drawing Hall	2	305
10	Research & Development Lab	3	193
11	Common Computer Centre	1	121
12	Department Libraries	5	30

13	Central Library & Information Center	1	358.36
14	HOD & Faculty Cabin room	9	559
File Description		Document	
Any additional information		View Document	
Link for Additional Information		View Document	

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

Response:

Sri Vasavi Institute of Engineering and Technology has good facilities for conducting sports, games and cultural activities. Sports facilities have been established for various games inclusive of Cricket net, Basketball, Volleyball and Ball Badminton to ensure the focus of the institute in providing extra-curricular activities to the students. We also have facilities for Chess, Carroms, and Table Tennis. Separate Cells have been formed by the faculty for proper functioning of the activities which are below:

Sports and Games Facilities

S. No	Sports/Indoor or Outdoor Games/Gym/Cultural Activities/Yoga	Number of Courts	Area	Size	Year of Establishment
1	Volleyball	2	324sqm	18X9m	2011
2	Basketball	1	420sqm	28X15m	2013
3	Ball-Badminton	1	288sqm	24X12m	2011
4	Throw ball	1	223.26sqm	18.30X12.20m	2012
5	Cricket Nets	1	106.75sqm	35X3.05m	2013
6	Kabaddi(boys)	1	130sqm	13X10m	2008
7	Kabaddi(girls)	1	96m	12X8m	2011
8	Tenni koit	1	67.1sqm	12.20X5.50m	2012
9	Table Tennis	1	4.178sqm	2.74X1.525m	2018
10	Carrom	5Boards			2011
11	Chess	5Boards			2011
12	Shotput (boys)	1	80sqm	4X20m	2010
13	Shotput (girls)	1	80sqm	4X20m	2010
14	Discous throw(boys)	1	400sqm	40X10m	2010

15	Discous throw(girls)	1	300sqm	30X100m	2010
16	Javelin throw(boys)	1	600sqm	60X10m	2010
17	Javelin throw(girls)	1	400sqm	40X10m	2010
18	Long jump	1	24.75sqm	9X2.75m	2011
19	Triple jump	1	24.75sqm	9X2.75m	2011

Total students

Facilities for Cultural Activities

S.No	Name of the Cell	Location	Area in Sq ft	Description
1	Arts and Cultural Cell	B3-104	1883	To conduct Cultural activities like D and Mimicry Etc.
2	EDC	B1-007	500	Entrepreneur Development Activities
3	Student Counseling /Grievances Redressal Cell	B1-101	60	To Address the student grievances
4	Training & Placement& Career Guidance Cell	B1-114	1820	To Give training to the students for pl
5	NSS	B1-312	80	To Plan the Social Service activities

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 93.75

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 30

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
any additional information	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 30

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five

years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
85	100	105	105	115

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
Audited utilization statements	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

The library at Sri Vasavi Institute of Engineering and Technology is Fully Automated Using Software ECAP (Engineering college automation package).ECAP permits the administrator to insert, update, delete and view the details such as book, member, author, subject, department, supplier/publisher, book bank, reports in the cataloguing module.

Sl.No	Link Name	Description
1.	Back Volumes	To enter details of national and international journals which are bound into volumes relating to certain period.
2.	Backup & Restore	To backup and restore of library data.
3.	Book Status	To view and change status of selected

		book from reference to Issue etc.
4.	Book Bank Students	To add and view students who availed book bank scheme.
5.	Books	To enter books data either through interfaces or importing from excel sheets.
6.	Books Reserved	To view the details of books which are reserved by students and staff. Librarian can consider calling them when reserved books are being returned by somebody else.
7.	Budget & Expenditure	To view budget grants for library and enter expenditure details and view the report.
8.	Circulation	To issue,

		return and renewal books among students and staff.
9.	Cross Check	To view to whom a particular book was issued.
10.	Dept. Library	To transfer books from main library to departmental library and accept them back to main library.
11.	Dues	To view library dues payable by students.
12.	Edit	To edit book details.
13.	OPAC	Online Public Access Catalogue for search by users.
14.	Equipment	To post details of any equipment like Xerox machine installed in library.
15.	Journals	To post details of periodical journals

		received in library.
16.	Authors, Titles & Publishers	To maintain authors, titles and publishers database.
17.	Projects	To enter details of academic projects submitted by students in library.
18.	Purchases	To purchase books for library
19.	Receipts	To receive books purchased for library
20.	Requisition	To request books to be purchased for library.
21.	Rules	To set rules i.e number of issue tickets for staff and students, lending period, renewal times and fine etc for library.
22.	Search	To search ACC No wise, author wise, title wise, publisher wise,

		department wise and course wise books in library.
23.	Stock Verification	To compare system stock of books with physical stock taken in excel sheet.
24.	Subjects	To enter subjects for library.
25.	Subscription	To subscribe for national and international journals for library.
26.	Suppliers	To enter details of suppliers for library.
27.	Reports	To view Accession register, Library Fines, Day transactions, Pending returns, Issues , Returns, renewals , purchases and un used books etc

MODULE DESCRIPTION

The modules used in this software are as follows:

1. Cataloguing
2. Counter Service
3. Admin
4. Acquisition and Serial Control
5. Search
6. Reports

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment**Response:**

Sri Vasavi Institute of Engineering and Technology has the practice of collecting and maintaining rare books, special reports like the project works of the undergraduate and Post Graduate students of the institution or any other knowledge resources to benefit students and faculty for their knowledge enhancement, research and exploring new things apart from the standard books. Encyclopedias are also collected to refer the depth of the knowledge in the subject and the history of many things.

Details of collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment are as below:

Collection of Rare Books

Title	Author	Publisher	Num Copy
Answer Book 10,000 Fast Facts About The World	Thesusan Tyler	National Geographic Sociey	1
1001 Inventions That Changed The World Since 2,600,000 BCE	Jackchalloner;Trevorbaylis	Hachette India	1
Oxford A-Z Of English Usage	Jeremy Butterfield	Oxford University	1
Visual Dictionary	Joevans	DK Publications	1

Self Study Report of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Oxford A-Z Of Grammar & Punctuation	John Seely	Oxford University	1
Oxford A-Z Of Better Spelling	charlotte Buxton	Oxford University	1
1001 Words You Need To Know And Use	Martin Manser	Oxford University	1
Oxford Guide To Plain English	Martin Cutts	Oxford University	1
Power Electronics Handbook	Rashid Muhammad H	Elsevier Publications	2
Electronics Power Electronics Optoelectronics Electromagnetics and Radar	Dorf Richard C	Taylor & Francis	1
Mc Grawhill Encyclopedia of Science and Technology [20 Vol]	Tata Mcgraw Hill	Tata Mcgraw Hill	1
Notable Scinetists from 1900 to the Present (Vol:1-5)	Narins Brigham	Gale Group	1
The Electronics Hand Book	Whitaker Jerry C	IEEE Press	1
The Communications Handbook	Gibson Jerry D	IEEE Press	1
The Handbook of Brain Theory and Neural Networks	Arbib Michael A	Jaico Publications	1
100 Years With Noble Laureates	Britannica	I.K.International Publications	1
Cybersecurity Operation Handbook	Hancock william M;Rittinghouse John W	Elsevier Publications	1
ENCARTA THESAURUS	Jellis Susan	Blooms Burry Publishers	1
Power Semiconductor Devices Theory And Applications	Benda Vitezslav;Gowar John;Grant Duncan A	Wily Publisher	1
Introduction to Electrical Power Systems	El-Hawary Mohamed E	Wily Publisher	1
Power Electronics Semiconductor Devices	Perret Robert	Wily Publisher	1
Electromagnetic Transients In Power Systems	Chowdhuri Pritindra	PHI Publications	2
Mcmillan English Dictionary	MacMillan	MACMILLAN PUBLISHERS INDIA LTD.	1
Oxford Advanced Learners Dictionary	Hornby A S	Oxford University	5
Compact Oxford English Dictionary	Ajay Raj	Oxford University	2
Cambridge English Pronouncing Dictionary	Jones Daniel	Cambridge University Press	2
The New International Webster's Standard Thesaures	Websters	Tones Press	3
Webster's Standard Dictionary	Websters	Cambridge University Press	3
Cambridge University Press	MacMillan	MACMILLAN PUBLISHERS INDIA LTD.	3
TOTAL			43

Special Reports: The complete reports of the projects done by the students of Undergraduate and Post Graduate are stored in the library for future purpose of the students to develop new projects. Total 507 Project reports of UG and PG students are preserved in the library and students has access to refer them any time.

File Description	Document
Link for Additional Information	View Document

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 16.09

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
14.06139	21.41917	16.73505	14.32626	13.91033

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Any additional information	View Document

4.2.6 Percentage per day usage of library by teachers and students

Response: 18.24

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 277

File Description	Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The college has more than 16 WiFi hotspots with extenders provided to cover the wireless range throughout the college. All computers on the campus are connected to the internet as it is essential for them to work, also surplus Ethernet ports are provided for laptops or other devices in need of internet connectivity.

A separate team with in-house staff is formed to take care of the IT & related needs of the campus such as Software Development, Hardware & Networking, Website designing & hosting, Email solutions, SMS solutions, etc. The entire campus including Hostels has Wi-Fi connectivity and speed of the internet connectivity is 50Mbps provided by BSNL.

The following table demonstrates the computers upgradation details:

AY	Purchase / Upgrade Remarks
2018-19	20 PCs purchased new. 10 PCs upgraged to 8GB RAM.
2016-17	50 new PCs purchased
2014-15	55 new PCs purchased.
2013-14	6 new PCs purchased
2012-13	25 new PCs purchased

Upgrade of the RAMs is a continuous process and the same is carried out every year.

Licensed Software:

MSDN subscription Library
Microsoft® office Professional plus 2007
MSDN Visual Studio 2008 SP 1
MSDN Expression studio 2
MSDN Microsoft office Communication server 2007 R2 Enterprise Edition
MSDN eMbedded Visual C++ 4.0 with SP2, Microsoft-Office Access 2003 Developer Extensions
MSDN Subscriptions Library (Essential Resource for Developers)-Dec 2006
MSDN Subscriptions Library (Essential Resource for Developers)-Nov 2008
MSDN .NET frame work, Win SDK for Win server, VB for app 6.0 SDK v6.5
Windows Shared Point, service with SP2,Vista –SDK, DirectX-SDK
ISO images: Windows server 2003 R2 Enterprise & Standard Edition,
Volume License version : Windows server 2003 R2 Enterprise & Standard Edition
Windows server 2008
Windows Vista Enterprise with SP1

Windows Vista with SP1
Windows server 2003 R2 Standard
Antigen-Commerce Server 2007,Forefront Security, SQL Server 2008
Microsoft Exchange server 2007 with SP1
Microsoft –office Communication server 2007
Biztalk server, Connected services & Customer Care Framework
Microsoft Customer Care Framework, Desktop Optimization
MSDN Library Visual Studio & Visual Studio 2008
Visual Studio Team System 2008-Work Group Edition & SP1
Expression Studio 2
Visual Studio 2008 SP1
Visual Studio 2005 SP1
Microsoft Virtual PC 2004, Mac 7.0.2
M/S Office Accounting SDK, Project Server, Office InfoPath, One Note, SharePoint, Visio Professional - 2007
Office Suite, Accounting, Access, Communicator, Groove - 2007
Microsoft Virtual Server 2005 R2
Hyper-VTM server 2008, Microsoft Visual PC 2007
Fedora 7.0
Symantec™ Endpoint Protection 11.0
Borland Turbo C++ suite

IBM Rational Rose
GIS Arc View Lab Kit
K – VAN Solutions Private Limited
Oracle Academy
Microsoft open value subscription Education Solutions
Xilinx Vivado System Edition (Software)
Mentor Graphics HEPI (Back End)
Cyber roam TVSP License for 3 years up to 08-12-2019

Open source software:

NS2, NS3 Network Simulator

Cloud Simulator

File Description	Document
Link for Additional Information	View Document

4.3.2 Student - Computer ratio

Response: 3

File Description	Document
Any additional information	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: >=50 MBPS

File Description	Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Any additional information	View Document
Link to photographs	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 18.21

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
55.57	61.40	61.26	69.22	61.80

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document

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.

Response:

The college has appointed several personnel for maintaining the infrastructure by way of building maintenance, transport, furniture and generator operator in case if the power shuts down. Separate Complaint registers were maintained for various services like electrical, plumbing, housekeeping etc. The people, who work here on maintenance of the college, will report regularly about the breakage of instruments and devices to the higher authority.

For Computer Laboratories (Utilization and Maintenance)

Students and faculty members are provided separate login credentials to access the intranet and internet. Access to internet is provided in the lab even after college working hours. Apart from the regular lab classes, students are offered practice in programming languages by various value added courses which are under taken in the lab.

Preventive maintenance and breakdown maintenance procedure is followed so as to ensure maximum availability of the systems in the lab. Installation of antivirus and firewall ensure that the software and system is secured. A daily status check on the hardware and software condition of the machines is undertaken and the same is noted in a register. This ensures that the problem is identified and rectified at an early stage itself.

Breakdown maintenance wherein the system fails due to SMPS problem or boot failure is recorded in a register. If the problem is minor, the technical support staff of the lab will rectify it. For major failures, support from vendor is taken . Anticipating vendor support, UPS and major equipments have annual maintenance contract (AMC).

Periodic maintenance is done by regular cleaning of the lab spaces, software updates and antivirus updates. The stock in the lab is verified for the available equipments and discarded equipments, by a meticulous stock verification process by faculty team from other department

Maintenance of Electrical and Electronic Equipments:-

Regular check up of equipment is carried out at the end of every semester. Breakdown register is maintained in the laboratories.

As per the requirement minor repairs are carried out by the lab assistant of faculty member. Maintenance of

computers is taken care by computer department.

Major repairs are outsourced by following the procedure of the institute.

The faulty trainer kits are serviced by service engineers of specified companies. The measuring instruments are calibrated regularly by standards companies.

Stock verification is done at the end of every year by the staff members from other department and the report is submitted to the Principal.

Service Department	Number of Staffs
Electrical Works	02
Civil Works	As needed
Transport	31
Computer Servicing	5
House Keeping	24

Category	Capacity	Total Number
Generator for constant Power Supply	82.5KV	3
	60 KV	
	30KV	
RO plant for constant Water supply	10000 Liters Per Hour	1
UPS for Computers Back Up	90 KV	8

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 74.41

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1061	1132	1192	1172	1179

File Description

Document

Upload self attested letter with the list of students sanctioned scholarships

[View Document](#)

Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 100

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1421	1502	1584	1569	1636

File Description

Document

Any additional information

[View Document](#)

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling

- 3. Soft skill development
- 4. Remedial coaching
- 5. Language lab
- 6. Bridge courses
- 7. Yoga and meditation
- 8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 70.87

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1060	1206	1155	1029	997

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years**Response:** 5.95**5.1.5.1 Number of students attending VET year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
70	126	86	87	89

File Description**Document**

Details of the students benefited by VET

[View Document](#)

Any additional information

[View Document](#)**5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases****Response:** Yes**File Description****Document**

Details of student grievances including sexual harassment and ragging cases

[View Document](#)**5.2 Student Progression****5.2.1 Average percentage of placement of outgoing students during the last five years****Response:** 40.6**5.2.1.1 Number of outgoing students placed year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
188	226	190	127	111

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document
Any additional information	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 10

5.2.2.1 Number of outgoing students progressing to higher education

Response: 40

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 20.58

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
10	11	16	0	0

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
30	34	43	0	0

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Any additional information	View Document

5.3 Student Participation and Activities

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

Response: 43

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
14	21	6	2	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

SVIET encourages students in all academic and administrative bodies. The below mention are the details.

Students Council – 2018-19

S.NO	REGD.NO	NAME OF THE STUDENT	YI	SE

1	17MQ1A0539	SIMHADRI NAGA LAKSHMI SWAROOPA	II
2	17MQ1A0550	DEVARAKONDA KARTHIKEYAN	II
3	17MQ1A0570	GAMIDI RUPA SOWJANYA	II
4	17MQ1A0598	JALLURI NAGA VENKATA PREETHAM	II
5	16MQ1A0519	CHEEDEPUDI BHARGAVI	III
6	16MQ1A0558	PEDDI VAMSI	III
7	16MQ1A0526	DURGA SRI LATHA MARUBOINA	III
8	16MQ1A0555	HAMEED KHAN	III
9	15MQ1A0517	MARUBOINA VIJAYALAKSHMI	IV
10	15MQ1A0552	LANKA NAGA VENKATA VEERA SAI CHARAN	IV
11	15MQ1A0576	JALLURI NAGA VENKATA HANEESHA	IV
12	16MQ5A0501	JUPUDI MANIKANTA SWAMY	IV
13	17MQ1A0422	SAMMETA SOWMYA	II
14	17MQ1A0447	PADMANABHUNI B N S KRISHNA VAMSI	II
15	17MQ1A0479	YARRAMSETTY NAGA VENKATA LAKSHMI MANISHA	II
16	17MQ1A0492	KOTHAMASU ARUN	II
17	16MQ1A0431	K. DANESWARI	III
18	16MQ1A0443	K. NAGA SIVA PRASAD	III
19	16MQ1A0481	V.JAYA SRI	III
20	16MQ1A0493	P.N.S.MANIKANTA ROYAL	III
21	15MQ1A0426	YEDIDA KEERTHANA	IV
22	16MQ5A0417	MOTUPALLI.VAMSI	IV
23	15MQ1A0449	CHILAMKURTHY LAKSHMI THANUJA	IV
24	15MQ1A0482	AMBATI PAVAN KUMAR	IV
25	17MQ1A0314	KOTTI SAI KUMAR	II
26	17MQ1A0313	KOTTE VINAY BABU	II
27	16MQ1A0334	YARLAGADDA NVSD VARA PRASAD	III
28	16MQ1A0302	AKUNURI HEMA RATNA GIRI	III
29	15MQ1A0352	YARLAGADDA AJAY BABU	IV
30	15MQ1A0338	PINNINTI RAVI KUMAR	IV
31	17MQ1A0203	IMMADI LIKHITHA NAGA DURGA LALITHA DEVI	II
32	17MQ1A0205	BANDI NARENDRA	II
33	16MQ1A0206	SRIPATHI VISWAJA	III
34	16MQ1A0208	JANNU GUNA SHEKAR	III
35	15MQ1A0208	KUNAPAREDDY BHUMIKA	IV
36	15MQ1A0230	YERRAMSETTY KRISHNA KANTH	IV

37	17MQ1A0117	RAVILSETTY THARUN SAISREE NAGA BHUSHAN	II
38	17MQ1A0104	CHITTIBOMMA PAVAN KUMAR	II
39	16MQ1A0109	KATTA SAI MOHAN RAO	III
40	16MQ1A0101	KUNAPAREDDY LAXMI TEJA	III
41	15MQ1A0109	CHITTIBOMMA MAHESH	IV
42	15MQ1A0131	TUMMA SRIKANTH	IV
43	18MQ1A0534	UZMA	I C
44	18MQ1A0543	GUDIVADA CHANDRA GUPTA	I C
45	18MQ1A0566	JANARDHANAPURAM PRATHYUSHA	I C
46	18MQ1A05A5	KALIPATNAPU HARSHA VAMSI	I C
47	18MQ1A0438	SAMA NAGA VENKATA SAI SUMANTH	I E
48	18MQ1A0405	GOPSETTI VENKATA MOUNIKA	I E
49	18MQ1A0469	GOPSETTI YOGI	I E
50	18MQ1A0452	MATURI V V E RISHITHA	I E
51	18MQ1A0306	KARUPARTHI K D H CHANDRA KIRAN	I M
52	18MQ1A0202	DUSANAPUDI NAVYASR	I E
53	18MQ1A0208	BONTHU MURALI RAM	I E
54	18MQ1A0106	BONTHU GIRISH	I C

Various Academic & Administration Committees with Students participation is attached as the answer is exceeding 500 words.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 24.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
27	28	26	23	19

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document
Any additional information	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Sri Vasavi Institute of Engineering and technology has its alumni association which was started in 2013 with 17 members initially. The primary objective is to reconnect, reminisce, and rediscover the rich memories, connect with classmates, strengthen the bonding, and savour the rich nostalgia. It has a governing body with President, Vice-president, Secretary, Treasurer and General Secretary. President is a senior student who looks after all the meetings, financial aids, and organizing various events with the help of the members of the association and under the guidance of faculty coordinators. Vice-president discharges his duties in the absence of the President. Treasurer takes care of the financial issues and other responsibilities assigned to him by the President. A new alumni office was set up for sviet alumni association with world class facilities. The Management members take part actively in all the activities performed by the alumni association. Sri Vasavi Institute of Engineering and Technology feels proud of its Alumni association which extends its direct and indirect help to the management and to the students through various means. Top alumnus are placed in prestigious companies like, TCS,INFOSYS, Tech-Mahindra, Most of them are handling responsibilities like, Software Engineers, R&D Engineers, NDT Engineers, System Engineers, Tech Support Engineers, Software Testers and other government organizations.

The alumni association contributes significantly through financial and non-financial means. They provide structured feedback about the syllabus, exam patterns and infrastructural facilities offered by the institution and the valid suggestions are implemented. It shapes the moral, intellectual and psychological attitude of the students as they get number of chances to participate in learning, discussing, and researching about the practical knowledge.

Alumni meets are conducted every year to help their juniors by creating awareness about the job Opportunities accessible in the present world, be familiar the strategic methods to meet the necessities of diverse competitive exams like GRE, TOFEL, and other job oriented exams like RRB, SSC, Public service commission's etc., Alumni help students to aware about special scholarships and free ships available to different categories of students by governmental and non-governmental organizations based on their qualification and skills. Arranging guest lectures, internship programs, conducting workshops and

seminars, providing training programs and organizing skill development programs to enhance the Knowledge of the students in a variety of technical and non technical fields are some of the most important responsibilities handled by the association. The association assists economically poor students by endow

with financial aid and by giving meritorious awards to the students who are good at academics through NGOs like Helping hands etc. in which the Alumni Association are actively involved. College alumni association has its portal/link to get membership forms for the students. Students who have completed their B.Tech course can register their names in the portal by providing their basic information. In to, SVIET's alumni association is a great strength to management as well as to the students which builds an uncompromising bond among students.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years(INR in Lakhs) ? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: 4 Lakhs - 5 Lakhs

File Description	Document
Any additional information	View Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document
Any additional information	View Document
Report of the event	View Document

NAAC

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

The Founder Chairman, Sri Gudivada Ramachandra Rao, Industrialist had the profound vision of serving the general public with the witticism "Success is a journey, not a destination". His vision has been the legacy articulation for the working of the foundation. The Secretary, Correspondent and Executive directors are the pioneers in controlling the organization of the establishment and making the committee of Principal, staff and students move in the direction of the vision of the foundation. In view of the proposals of the Governing Body, the beginning of new courses, development of framework, usage of methodology and other indispensable choices are affirmed by the Governing Body and usage process talked about with the Principal and Heads of the departments for execution. The best administration headed by the Secretary guarantees that periodical gatherings of the Governing Body are led to screen the advancement. The foundation has a viewpoint plan for advancement. Modernization of the current offices, usage of new pursuits for R&D, development of foundation by methods for research centers, library assets, classrooms, meeting rooms and sport facilities are the typical criteria in the yearly arrangement of the organization. The scholastic arrangement (semester astute) is set up by the Principal in the wake of having exchanges with the HODs. The planning of modern visits, meetings, workshops, classes, FDPs, affiliation exercises, sports, enrollment and capacities is done in the wake of having exchanges with the HODs, conveners and group leads. The leader of the foundation takes choices in the scholarly wildernesses tuned in to the guideline of the affiliating University. Normal issues are the occasional discourses of the Principal with the HODs just as with the workforce. The Secretary conducts standard gatherings with the Principal, faculty, cells, students. Personnel gatherings with the HOD assume a crucial job as the aggregate recommendations are very much examined later in the HODs gatherings with the Principal. Central's resulting gatherings with the best administration and with the Governing Body guarantee that all the data and proposals reach from base to top and through and through in a smooth design. The movement of smooth correspondence clears path for fruitful collaboration, input, cooperation and new pursuits. Authoritative changes are viably executed dependent on requirements as well as in perspective on greatness.

Governing Body Members : Is attached in the additional information as it is exceeding 500 words

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management

Response:

Participative Management

Yes, the institution promotes the culture of participative management. At each level (of the institution, principal, HoD's, Faculty, non-teaching staff and students), there is an active participation in planning and implementation. The faculty is actively involved in planning and implementing the academic calendar and teaching learning process. The co-curricular and extracurricular activities are planned and organized by the faculty, non-teaching staff and students in coordinated way with appropriate faculty as the coordinator for the cell. HoD's involvement is mostly in development, procurement, selection of junior faculty, program and activities, starting of new programs, etc. Various cells of the institution has representatives of faculty and students. The principal of the institution is responsible for academic, nonacademic and administrative activities of the institution. On behalf of the institution, he interacts and corresponds with AICTE, Commission of Technical Education, Govt. of A.P., UGC, Affiliating University, etc.,

Various Committees and their Coordinators:

Name of the Committee	Name of the Coordinator
Finance/Purchase/Stores Cell	Dr.D.Raja Ramesh
R & D and Consultancy Cell	Dr.S.Koteswara Rao
Training & Placement& Career Guidance Cell	D.Adithya Kumar
Examinations	A.Pavan Kumar
Time Tables	V.Vijaya Bhaskar
Admissions	P.Meher Kumar
Central Library & Information Centre	B.Jyothilal Nayak
Website/ICT/Internet Cell	K.Venkatesh
Student Counselling /Grievances Redressal Cell	G S N V N Babu
Hostel Welfare Cell	P.Meher Kumar
Canteen/Housekeeping/Hygiene /Sanitation Cell	P.Meher Kumar
NSS Cell	P.Satyanarayana
Sports & Games Cell	Ch.Giri Phani Kumar
Transport Cell	P.Meher Kumar
Arts/Cultural Cell	B.R Nagavalli
Department Associations Coordination Cell	A.Chandra Suresh
Industry Institute Interaction Cell	Dr.M.Srinivasa Rao
E D C	K P R Ratna Raju
Alumni Coordination Cell	A.V.Raghu Ram
Professional Societies Coordination	Dr. B.Raja Srinivasa Reddy
Electrical/ComputerNetwork Maintenance Cell	B.D.S.Prasad & Dr. B.Raja Srinivasa Reddy
Medical Assistance Cell	P.Meher Kumar
Academic Advisory Body	Dr.A.B.Srinivasa Rao
College Academic Cell	Dr.A.B.Srinivasa Rao
Public Relations, Press & Media, Publications	P.Meher Kumar
Students Welfare Cell (BC/SC/ST)	Dr.A.B.Srinivasa Rao
General Maintenance Cell	P.Meher Kumar
Internal Quality Assurance Cell	S V C Gupta
Internal Complaints Cell	Dr.A.B.Srinivasa Rao
Right to Information Cell	Dr.A.B.Srinivasa Rao
Faculty/Staff Grievance/Welfare Cell	Dr.A.B.Srinivasa Rao

Anti Ragging Cell		Dr.A.B.Srinivasa Rao	
File Description		Document	
Any additional information		View Document	
Link for Additional Information		View Document	

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

SVIET has following Perspective/Strategic plans:

- Accreditation by National bodies (APPLIED FOR BOTH NBA & NAAC)
- Executing R & D cell effectively
- Established T& P Cell training center student placement, carrier guidance, and higher studies
- Activating Entrepreneurship Development Cell for better industry institute relationship through MOUs to enhance the activities cell
- Planning for incubation center to guide and support the prospective entrepreneurs
- Implementation and effective use of ICT enabled learning management system (LMS)

.Short Term Goals

- To improve the quality of campus life
- Meeting the requirements of affiliation and standards
- Identifying and meeting student learning expectations
- Strengthening the Teaching Learning process
- Conducting International Workshops
- Introduction of Performance Management
- Aligning Every Stake Holders to Vision and Mission
- Create a conducive environment of continuous learning and research
- NBA and NAAC Accreditation

Long Term Goals

- Setting up Centre of Excellence
- Incubation center
- Permanent affiliation
- Establishing University Affiliated Research Center
- Autonomous UGC recognition for University

File Description	Document
Any additional information	View Document
Strategic Plan and deployment documents on the website	View Document
Link for Additional Information	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

Principal is the chairperson of administrative and academic activities of the institution. Heads of the departments take the responsibility of heading all the administrative and academic activities of the department. The HODs possess both the academic and financial autonomy in accordance with all academic aspects. They are entitled to take decisions as per the needs of the situations in exigencies and get them ratified by the Head of the Institution subsequently at a later stage. The Principal, HODs and Team leads are sanctioned imprest amount, for seeing the execution of multiple events scheduled. Based on the experience and the expertise of the faculty members, team leads have been identified to lead different teams which are functioning effectively. They can act spontaneously for moulding / grooming the members of their teams and they have been identified as second rung leaders.

Recruitment of teaching, non-teaching and office administration staff is planned at the end of every academic year as per the requirements of the next academic year. Staff appraisal system is in existence in tune with the promotional policies. The grievance redressal mechanism helps us to serve better by understanding the expectations.

Organization Chart:

NAAC

Instititton has well defined HR policy dealing with various rules, regulations, processes, welfare measure etc. which is attached with this SSR document. The document consists of the following content:

NVAAC

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation

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

A. All 5 of the above

B. Any 4 of the above

C. Any 3 of the above

D. Any 2 of the above

Response: A. All 5 of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP Document	View Document
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	View Document
Any additional information	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

Under the leadership of the Principal, every committee will be assigned with specific tasks pertaining to the requirements of conducting college functions. Coordinators of the committee monitor the works. A minimum of two meetings will be held prior to the function in the presence of Management members, Principal, HoDs and committee coordinators. The committees constituted are not permanent. Members are reshuffled for changes of committees for different functions. This enables the members getting familiarized with any kind of activities related to any function. The conduct of functions fosters relationship and nurture unity.

The following is the minutes of the meeting held for the successful conduct of 10th Annual Day on 10-03-2018.

Chief Guest: Sri S S Tripathi, SP, Krishna District

Buses will be available from all routes of regular transportation of Institution from 3.00PM onwards.

Reporting time: 4.30PM

Mentors to be follow up the students gathering of both UG students, PG students

Committee list was circulated.

In the academic year 2017-18, the 10th Annual Day was conducted on 10-03-2018, Sri S S Tripathi, SP, Krishna District, graced the occasion as the Chief Guest.

The following committees were constituted for the successful conduct of the 10th Annual Day and the committees were entitled to execute the tasks as discussed in the minutes of the meeting held on 06-03-2018 in the HoDs meeting with Principal

Reception Committee: Receiving the Chief Guest and Invitees

Guard of Honour: Chief Guest will be given guard of honour by students

Helpdesk: Providing information about venues to parents & visitors

Stage Arrangement Committee: Stage Decoration

VIP Hospitality: Taking care of the VIPs

Prize Distribution Committee: Distribution of certificates, prizes & Presentation of Management gifts

Food Committee: Taking care of food services to graduates, parents and guests

Transport Committee: Taking care of transport facilities as recommended in the minutes of the meeting

Preparatory Committee: Banners/Photography/Video, Press & Publicity, Bringing visibility and publicity.

Discipline committee: confirming the participation (UG students & PG students with their parents and relatives) & seating arrangement.

Official Programme committee: Announcement, scheduling & coordinating the program.

Cultural committee: Organizing cultural events in smooth way.

The following sequence of activities was done after constituting the committees.

Conducting meetings for the committee coordinator with members

Circulation of the minutes of the meetings among the members of the committees

Execution of activities as planned

Successful conduct of the function.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

SVIET has following welfare schemes for both teaching & non-teaching staff members. Various beneficiaries' details are given below.

Welfare schemes for non-teaching staff

- Marriage gifts with the sanction of one week leave
- Granting medical leave/maternity leave
- Free transport facilities
- SSL for higher studies
- Incentive for attending orientation programmes, workshops and conferences
- Incentive for dress materials for non-teaching staff
- Incentive for vehicle utilization or transport allowance for non-teaching staff
- Incentive for dress materials for housekeeping staff
- Subsidiary canteen fare for non-teaching
- Health Insurance

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 39.24

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
72	32	47	29	26

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	View Document
Any additional information	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 1.8

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
9	0	0	0	0

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 39.46

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
98	32	18	29	26

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers).	View Document
Details of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

The Management evaluates the performance of the faculty based on teaching, research, participation in teamwork, arranging co-curricular and extra-curricular activities and publication works.

They are awarded and appreciated during Annual Day celebrations. The appraisal system motivates the staff to excel and put forth the best of their efforts. Staff retention is one among the strengths of the Institutions.

The following factors are deeply analyzed in the appraisal system for teaching staff, Skill up gradation, through participating in Conferences, Workshops, Faculty Development Programs and Other Innovative teaching practices pursuing higher studies(Ph.D, PDF) Research activities and obtaining patents

Result percentage produced in the University Examination, Publication works in the Scopus indexed/impact factor/e-journals & conference proceedings publication of chapters in books and publication of books carrying out sponsored projects

Mentoring and Counseling methods feedback for HOD and Principal feedback from students Establishing rapport with peers active participation in team work undertaking new academic ventures and being team leads rewards for outstanding achievements in their studies pursued after joining the institution

Attending specific conference/workshops/training programs related to cells, for which they coordinate as team leads awards and rewards for being good academician-State and national level community service through the Institution and outside the Institution participation in conducting extracurricular activities.

The following factors are deeply analyzed in the appraisal system for non-teaching staff

Experience skill up gradation through orientation programs, Refresher Course, Short Term Course and Faculty Development Programs Higher Studies Feedback from HoD and Principal Active participation in team work, Work Discipline outstanding achievements in their studies participation in Community services.

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Internal Audit is performed by officials deputed from society office periodically and the reports are obtained before conduct of the external audit which is normally done after the closure of the accounts in all respects. External Audit is done by the Statutory Auditors after 30th June of the subsequent year. During the course of Internal audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, to collect documentary evidences wherever inadequate in respect of payments, compliances of T.D.S and Statutory Formalities and Reconciliation of Unit wise balances with the control accounts and bank Reconciliations. The copy of the internal audit report covering all matters related to maintenance of accounts is preserved. Subsequently, External Statutory Audit is conducted by the auditors and the final audit report with audit findings are submitted to the Management. The consolidation of the findings of the Institutions with society central office has been completed and the annual returns have been submitted to Income Tax Authorities and the other relevant authorities concerned.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 2.23

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0.445	0.445	0.445	0.445	0.445

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document
Annual statements of accounts	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:**Mobilization**

The Institution always monitors the effective and efficient use of available financial resources for the infrastructural development and teaching learning process. Each and every rupee spent for the development is properly auditable by the chartered accountant. Statutory audit as a specific concern enables a reporting system to the management express the reasonableness on the utilization of the financial resources. As a part of Outcome Based Education system, this institution has given utmost importance for the generation and utilization of funds to meet the objectives of the institution. The institutional strategy to generate funds is primarily based on Quality enhancement strategy. This strategy is essential in teaching learning and scientific-work environment. By providing quality enhancement, a better fee structure can be claimed by the Institution that can be sanctioned by the government. This also leads to improved funding. Hence, quality enhancement of the institution is nurtured to generate funds from different sources. Optimal utilization of funds is ensured through the following:

1. Adequate funds are allocated for effective teaching-learning practices that include conduct of FDPs, orientation programs, workshops, inter-disciplinary activities, training programs that ensure quality education.
2. The budget will be utilized to meet day-to-day operational and administrative expenses and maintenance of the fixed assets. This equipment is further utilized in the established advanced laboratories of the institute.
3. Enhancement of library facilities leads to novel learning practices and accordingly requisite funds are utilized for the every year.
4. Adequate funds are utilized for development and maintenance of very good infrastructure for the institute.

Fees Collections

Students are admitted as per the Andhra Pradesh Government prescribed Higher Education norms by admitting 70% of students through Govt. Counseling (Category A) and 30% through Category B quota (with reference to AP Govt. G.O.Ms.No 74 Dated:28 -07-2011).

Recurring Expenses

Salary to staff, academic activities and payment of bank interest are done with fees collection.

Infrastructural development facilities and Building construction works

Management allocates budget to create and upgrade the infrastructural facilities in tune with the

Research and project activities

Knowledge is generated and applied in new innovations and technologies which in turn shall be

utilized to enhance the quality of socio-economic and environmental conditions of society. The institute is committed to provide excellence in research. The institute has executed many major Research and Development projects.

Seminars, Conferences and Faculty Development Programmes and other co-curricular

The institute conducts the above said regularly and religiously matching with the latest technology, innovations, research, changes and needs for the society.

Extra-curricular activities

Sports facilities have been increased to provide ample opportunities for conduct of sports and enabling student participation.

Green Atmosphere

Enough care is taken to maintain cleanliness in the campus which coexists with godliness.

Bio-waste management expenses

The institute utilizes the policy of bio waste management effectively as it provides good environment.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response:

The IQAC academic audit aims to monitor and improve the quality of technical education through appropriate guidance for both faculty and students to ensure qualified engineers / researchers from the Sri Vasavi Institute of Engineering and Technology.

IQAC Committee

Name	Designation & Department	Position
SVC.Gupta	Professor, CSE	Coordinator
Ch.GiriPhani Kumar	Assistant Professor, CE	Member
P.Srikanth	Assistant Professor, EEE	Member
V.VijayaBhaskar	Associate Professor, ME	Member
GSVNV.Babu	Professor, ECE	Member
Sri M.SrinivasaRao	Associate Professor, CSE	Member
DrP.SeshuBabu	Associate Professor, S&H	Member

OBJECTIVES OF ACADEMIC AUDITING:

1. To ensure academic accountability.
2. Determine the quality of each component of the posts and ensure the quality of technical education throughout the system.
3. To protect the functions of technical education.

Determine the effectiveness of the teaching and learning process and develop a methodology to confirm maximum production of faculty as well as students

Audit Parameter	Frequency	Documents to be verified	Expected Outcome
Course File	Three times per Semester	Phase-I, Phase-II, Phase-III	Phase-I - Gaps to be identified Phase II – Remedial and Make up classes for Weak Students Phase III – Analysis of Question paper Qualities
Syllabus Monitoring	Monthly Once	As per Instruction Plan in Course File	Up to date
Faculty Development Programmes	Yearly Once	Participation Certificates	Every Faculty should Participate
Faculty Development Programmes conducted	Yearly Once	As per the year planner	To be Conducted
Guest lectures & work shops	Yearly once	As per the year planner	To be Conducted

DOCUMENTS TO BE PRODUCED FOR AUDITING

A course file is to be maintained by each staff of the department for each course handled by him/her as per the checklist provided by IQAC from time-to-time.

Final year project exhibition

- The management is very much concerned about the quality of projects the students undertake during final year.
- The IQAC suggested that the students can plan their projects in the final year. A project exhibition is conducted by the departments of CSE, ECE, Mechanical, EEE and Civil in the final year – second semester.
- For the project the students have to present three reviews and marks are awarded by the project guides for the reviews. It has been made compulsory for all the students to undertake a project.
- The third review is presented by the students in front of the judges and prizes are distributed for the winners during the project exhibition. Prizes include merit certificates and cash awards and participation certificate for all participants.
- This is an initiative taken by the IQAC for doing a quality project in the final year. Apart from this project exhibition, there is a project exhibition in the end final year – second semester in which the students of all departments exhibit their projects.
- Experts are invited from Industry and Academic institutions to judge the projects exhibited by the students. First three prizes are awarded for each department and this creates a healthy competition among the students and to go for socially relevant and innovative projects.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms**Response:**

The Institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms Response: Content beyond the syllabus and skill rack online programming the teaching learning process is continuously monitored and reviewed by the Head of the Departments and reported to the Principal and the management. Apart from the regular class room lectures by the faculty members for each course, students are given opportunities to attend the guest lecture from industrial experts in the smart class rooms. The contents of this type of lecture are beyond the syllabus and they expose the industry requirement to the students. This lecture facilitates the students to know in depth about the industry requirements and the necessary skills they should equip with for placement. The interactions with industrial experts narrow down the gap between the institute and the Industry requirement which helps the management in identifying the necessary soft skill development required for the students. Placement training through online tests by skill rack is an online programming introduced by the management with a view to help the students. Skill rack is an Initiative facilitated by IQAC with the support from T&P Cell. Guest lectures on content beyond the syllabus and Skill rack introduced by the Management are the outcomes of IQAC which are well supported by the Management. Video classes and NPTEL online courses other than Smart Class rooms lectures, videos are played for

specific topics beyond the syllabus but related to the latest technology in the respective domains. Through these video classes students are exposed to have a thorough understanding of the processes through visual means with maximum impact and this encourages them to focus on their projects work too. The students show much interest in the videos played in the video theatre and the response by the students to the question session post video session is very interactive. A regular schedule for proper utilization of the video theatre indicating the date, time, branch and year of study is prepared at the beginning of the semester, so that all the students are benefited through video sessions.

NPTEL Course Incentive:

The students and faculty members are encouraged to register for the NPTEL (National Programme on Technology Enhanced Learning) online courses initiated by IITs and IISc. If a registered candidate certified (staff or student) in the final examination, the management repays Rs.500/- and Rs.1000/- for those who score more than 70% towards the examination fees paid by them. This is a very good motivation from the management to the staff and students. The idea of repaying the fees is put forward by IQAC to the Management. The IQAC is instrumental in implementing new ventures for enabling the learners, acquiring knowledge beyond the syllabus.

File Description	Document
Link for Additional Information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 1.2

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	1	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include:

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**

2.Academic Administrative Audit (AAA) and initiation of follow up action**3.Participation in NIRF****4.ISO Certification****5.NBA or any other quality audit****A. Any 4 of the above****B. Any 3 of the above****C. Any 2 of the above****D. Any 1 of the above****Response:** A. Any 4 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (in case of first cycle) Post accreditation quality initiatives (second and subsequent cycles)**Response:****Academic measures**

- 1. Evaluation reforms:** followed as per university norms for final exams
- 2. Teaching learning approach:** Student centric approach with focus on self-learning implemented instead of traditional teaching learning approach.
- 3. Teaching learning methodology:** In addition to chalk & talk ICT is also used for better learning
- 4. Research Activity:** By motivating staff & students towards research.
- 5. Laboratory enhancement:** Labs equipped with sophisticated equipment and instruments.
- 6. E-resources:** The institution has a digital Library with Internet and Wi-Fi facilities along with eBooks and e-journals, Del net, NDL , B Tech guru & shodhsindhu J- Gate subscription for enhancing the learning process.

Administrative Measures

Internal Quality Assurance Cell has been set up to monitor the continuous progress of the

As a result of IQAC recommendations, improves the quality in SVIET, the following parameters are Incremental improvements:

- Subject allotment process is carried out, based on the performance of the faculty in demonstration of their respective domains.
- Students actively involved in theory and practical sessions motivated by active learning methods.
- Students are motivated to watch the NPTEL videos to understand their academic subjects.
- Availability of resources for academics is increased due to sharing of e-books with the students from e-resource like National Digital Library (NDL), DELNET, PDF drive and shodhsindhu.
- Faculty registered in NPTEL where academic information is available in the form of e-books, video lectures and online courses.

File Description	Document
Any additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 12

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4	4	1	1	2

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document
Any additional information	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

“Sri Vasavi Institute of Engineering and Technology” has its utmost concern in the aspect of “Safety & Security.” Apart from ID’s & Dress Code being a compulsion to the students; it is also made mandatory for the parents & visitors to carry the “Purpose of Visit” form (which is available at the main entrance) along with them during their presence in the campus. The campus is monitored under strict security staff and CCTV surveillance 24X7. Especially for the girl students & female faculty constant care is taken into consideration in providing all the amenities.

Counseling is the key concern of “Sri Vasavi Institute of Engineering and Technology” as we understand that this is the phase of the student’s life of making or breaking. Counseling is upheld on an individual and prioritized basis from student to student for the enhancement of “Ethical & Moral Values” to “Personality Development” to “Behavioral Etiquette.” Students are encouraged all the time to come up with whatever

the issues or troubles being faced no matter how small or big. Of all the aspects of counseling; “Ragging” is the one thing that is curbed in the initial stages itself and awareness is created by arranging counseling sessions by local police officials, psychologists/psychiatrists for proper personality development and confidence among the students. The provisions of Anti Ragging Act are displayed through flexes in respective places in the college.

A common room is provided for Boys and Girls separately on each floor. Constant supervision is made by the respective faculty members to make sure the students are utilizing the common room for the factual reasons.

“Sri Vasavi Institute of Engineering and Technology” providing “Gender Equality” and around 35% of the total employment are the female of all cadres. The institute supports the career progression and development of female professional and academic staff. It provides women with opportunities to grow in their leadership capabilities build professional skills and participate in important administrative roles in the college. In all the administrative committees, female faculties are also given equal opportunity to become members. Harassment to woman of any level ranging from gender discrimination to mental abuse to sexual harassment is severely dealt with at our institution. The Woman Grievance Redressal Committee has been formed to address grievances of female employees as well as students. Complaint boxes were provided in the college at respective places, so that students feel free to post complaints regarding various issues.

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 0

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

7.1.3.2 Total annual power requirement (in KWH)

Response: 120

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Link for Additional Information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 24

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 2.4

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 10

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document
Any additional information	View Document

7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

Response:

Swachh Bharat Abhiyan (SBA) is a campaign in India started by Hon'ble Prime Minister which aims to maintain cleanliness everywhere. In response to this campaign SVIET conducts frequent activities like cleaning of roads, awareness on proper waste disposal etc.

Waste Management steps including:

Solid waste management:

The solid wastes in the campus are disposed in a systematic way. Different color dustbins are provided in the whole college at respective places to collect the solid waste. The cleaning staff collects the waste from the bins on a regular basis at 08:00 to 09:00 am and after 5:00 pm every day. All these solid wastes are properly by the workers by dumping them in the yards outside the college.

Liquid waste management:

Waste water from the points of generation like the canteen and toilet in both hostel and college is segregated and let out through common drainage facility to a waste water tank at the corner in the campus. This helps to maintain and improve ground water levels.

E-waste management:

Due to frequent advancement in the technology various electronic equipments/ products/gadgets tend to become obsolete and hence there is a need of E-waste management. We have adopted an alternative approach to reduce the volume of E-waste generation by adopting the following procedures. Buy back system which includes giving systems back to the company from where they are purchased. Donate old workable electronic equipment to poor students from rural areas. Reuse this equipment after slight modifications to the original functioning equipment.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus**Response:**

It is a known fact to all of us that water is the basis of all living beings on the earth. Especially countries like India depend on rains and snowfall for its agriculture. Unfortunately, during heavy rains most of the water is being wasted to rivers and seas. Therefore, rainwater harvesting became necessary step which everyone should practice. When there is a downpour and saved in rain fed tanks and other artificial tanks to use it for future purposes. SVIET has a good practice of harvesting this rainwater in a pond through soak pits arranged in different places during rainy season and uses it throughout the year. Using this harnessed water, we grow various trees, and plants. Apart from this, we grow vegetables on the campus itself and these vegetables are used in the various hostels of the college. This water is also used to maintain a green and healthy garden with lawn and other beautiful flowers. Rain water harvesting system ensured that both of our bore wells are always kept recharged and hence the campus has not felt scarcity of water for many years.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**

- **Green landscaping with trees and plants**

Response:

Yes, the institute focuses on green practice throughout the campus. Sri Vasavi Institute of Engineering & Technology is located in a pollution free environment in the nature's lap which is far away from the urban and industrial area. To prevent pollution a number of initiatives are taken.

Bicycles:

The students and staff are encouraged to use bicycles in the college premises.

Public Transport:

All the staff and students are provided bus transport facility. Students are also encouraged to use public transport instead of their own vehicles like cars, motorbikes etc., to avoid air pollution. Motor cycles are prohibited inside the campus and students are allowed to park the motorbikes outside of the gate to avoid pollution.

Pedestrian Friendly Roads:

Roads are laid in the campus which can be used in all seasons.

Plastic Free Campus: Our College encourages students and staff not to use plastic bags. The students and staff are advised not to use polythene bags in the campus. They are educated on the harmful effects of plastics. Sign boards are provided for minimizing the usage of plastic. Using of plastic bags is minimized in campus stores and canteens.

Paperless Office: For the paperless office, our faculty using hard drive server for data sharing. Efforts have been made to make it a paperless office by sharing documents using official emails.

Green landscaping with trees and plants:

Sri Vasavi Institute of Engineering and Technology is decorated with beautiful landscaping and lush green environment. There are number of trees on the campus which are taken care by the institution. Students and staff of the campus extend their hands in planting and growing trees around the campus because the institution believes that the Natural environment helps the students to have a peaceful and serene mind to increase their learning capacity. Festival environment is created among students and staff on Environmental day, Ozone day, Tree Plantation Program, etc. The management also encourages paperless office and plastic free campus to reduce environmental pollution. As per the curriculum of JNTUK the Environmental Studies subject is mandatory course for all students who are admitted from the academic year 2010 onwards.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0.22

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
1	0.85	0.75	0.65	0.5

File Description	Document
Green audit report	View Document
Details of expenditure on green initiatives and waste management during the last five years	View Document
Any additional information	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: A. 7 and more of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
Any additional information	View Document
link to photos and videos of facilities for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 22

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4	5	4	5	4

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 22

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4	5	4	5	4

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 20

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4	4	4	4	4

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

Every year institute organizes several national festivals and birth/death anniversaries of the great Indian personalities such as:

S.No.	Event	Date	Event Significance
1	Teachers Day	5th September of every year	Celebrating the birthday of Dr Sarvepalli Radhakrishnan
2	Women's Day	8th March of every year	The day also commemorates the inspiring role of women in the world to secure women's rights and build a better world for all societies
3	Yoga Day	21st June of every year	The International Day of Yoga aims to raise awareness of the many benefits of practicing yoga, a physical, mental, and spiritual practice.

4	Independence Day	15th August of every year	This day is celebrated with great pride, enthusiasm across the country and is marked as a very important day in Indian History
5	Republic Day	26th January of every year	India was declared a sovereign, socialist, democratic republic and the Constitution assumed to secure to all citizens India justice, equality and liberty.
6	Engineers Day	15th September of every year	Celebrating the birthday of Bharat Ratna Visvesvaraya
7	Children's Day	14th November of every year	Celebrating the birthday of Jawaharlal Nehru
8	Rashtriya Ekta Diwas	31st October of every year	Celebrating the birthday of Vallabhbhai Patel

The details of the activities of national festivals and birth/death anniversaries of the great Indian personalities organized by the institute are made available at the institutional website.

File Description	Document
Any additional information	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

Institute has transparent HR Policy: <http://sviet.edu.in/gover.php>

Institute publishes the Financial Information: <http://sviet.edu.in/FinancialInformation.php>

Right to Information with the information related to all cell coordinators: <http://sviet.edu.in/rti.php>

Stakeholders feedback: <http://sviet.edu.in/feedback.php>

Information is transparent to students, faculty, Parents through ECAP system which has log-in on the home page with the link at <http://117.239.54.69/newecap/default.aspx>

Admissions are conducted by the state government for the 70% convenor quota admissions by State level EAMCET convenor. Remaining B-Category admissions are done and is transparent with the information available at <http://sviet.edu.in/BcategoryAdmission.php> for aspirants.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Best Practice – 1

Title of the Practice: Emphasis on Practical Skills

1. Objectives of the Practice:

1. Learning by doing
2. To make the students fit in the real world
3. Productive use of theoretical knowledge
4. Students can develop and apply their skills in real working conditions without facing much trouble

The underlying principles of this practice are to strengthen and support students' knowledge by providing the practical environment where they can learn really that helps their career. The concept of emphasis on practical skills is to produce potential and skilled workers to the institutions or companies or to the organizations there by to build a strong nation with skilled people.

1. The Context:

In the 21st century world, due to the increasing demand for job, people believe that practical skills are far more important than the knowledge of the subject. Practical skills are nothing but the skills which we learn to perform non-written task. Most of the students are good at their theoretical knowledge but they are lacking with the practical knowledge. Keeping this in view, Our College focuses more on imparting practical skills to the students. For instance, college conducts classes on programming skills, communications skills, writing skills, and soft skills. This skill based education can make the transition between academic to work environment and life easy. It not only boosts students' employment prospects but also the confidence level among students to meet in real life challenges. Technology and industry needs change more rapidly. Specializations are many and inter-disciplinary needs are growing. Sri Vasavi Institute of Engineering & Technology has significantly recognized the needs and introducing various programmes like workshops, internships, guest lectures etc. to impart practical skills to the students.

1. The Practice:

Our country is one among the countries which produces highest numbers of engineering graduates every year. In one side it is a great precursor of development on the other side it is a huge drawback to the country because there are no employment opportunities to all engineering graduates. Most of the students are not offered jobs due to lack of practical skills which are needed in the corporate world because practical skills are direct need of the industries or the corporate sector. As per the records a few students are acquiring the practical skill during their studies. All over the country most of engineering students give priority to certificate than to enhance their skills. Sri Vasavi Institute of Engineering & Technology is among those few colleges which provide all facilities to the students' development. An environment is maintained where all the students can get practical skills. College creates innumerable opportunities to the students to acquire practical skills because it believes assessing practical skills is very important to build the career of the students. In order to bring change in the skill levels of the students various programs were

conducted like competitions, workshops, presentations and organizes guest lectures to make the students familiar with the working principles of the corporate world. College arranges training classes with on campus and off campus faculty to enhance practical skills of the students. Sometimes students are also involved in research activities and projects to sharpen their skills and get exposure with the work. Sri Vasavi Institute of Engineering & Technology strives to send students to industries to know what practically they have to do after completion of their graduation. College conducts number of motivation classes to the student to encourage them to focus on their practical skills along with the theoretical knowledge. It has introduced additional experiments than the number recommended by University in all laboratories. To improve the skills of students the management has provided 1:1 systems in computer labs, 1:3 equipment in electronics labs.

Students are allowed to do additional experiments even after the college hours or whenever they are free. Mere curriculum knowledge does not prepare a student to the real world. Enhancing skills, attitudes and personality are additional ingredients for a student to succeed. Sri Vasavi Institute of Engineering & Technology consists of Microsoft Innovation Centre and our students are elected as Microsoft student partners and Microsoft Student Associates.

1. Evidence of success:

The following are some of the evidences of this practice.

- Increase in the number of students placements in various companies when compared to the previous years of recruitment
- More companies have opted our college students for both off-campus and on-campus drives
- Students skill sets are improved.
- Students have completed live projects in all branches of engineering.
- Students have developed a number of android and mobile apps.

1. Problems Encountered and Resources Required:

Imparting practical skills to the students is not a small job because it requires a lot of money, capable staff and collaboration with many industries and organizations. Though the management is committed to perceive their students improving some practical skills which facilitate them to settle in their lives, there are some problems. For example, Students background, time constraints, classroom management, high cost of training, student's involvement and interest, the teacher student synchronization, and appraising the skills of the students are some of the problems we encountered with. In order to evade these problems, fully equipped laboratories, trained faculty, library facilities, follow up programmes to evaluate student's perfection, etc were in place.

Best Practice – 2

1.Title: Accountability and Monitoring System

2.Objectives: The vision of Monitoring is seeing if student is doing what he/she would do or done in a systematic approach to overseeing planning, learning, and teaching. This is part of the evaluation that ensures that information is gathered so that judgments can be made and questions answered accordingly. Evaluating, on the other hand, is the measurements of success. This is done after there is a comparison between outcomes, aims, and objectives. This eventually leads to a summative assessment of current practices within the college, then informs on the future planning for both learning and teaching. Monitoring system helps in providing a consolidated source of information showing the progress of the college.

3.Context: The College has started Monitoring System in July 2009. This system is conceptualized to raise the student discipline, accountability, planning and performance. It also helps in providing a consolidated source of information showing the progress of the school. It shows the mistakes and creates paths for both learning and improving. Effective monitoring system can best be achieved through record keeping and proper reporting systems, to help find out whether a student is attending the classes regularly or not and he/she is being spent according to plan or not. This also helps in figuring out whether the teaching method in the school is delivering to the desired educational results.

The faculty can do an assessment and the behavior of the student to identify the areas where the student is failing. It is by that; teachers can align their teaching skills accordingly to improve student performance.

4.Practice: The parent will get the message whenever the student is absent to the classes. The HoD will call the parents if any of the students are misbehaved. Student attendance and internal marks are posted to the parents after the completion of mid examinations. The mentor will monitor and evaluate the student performance in mid examinations. Students are monitored in the college in respective of their behavior.

Through monitoring and evaluation in college, good leadership is put into practice and accountability which leads to college improvement. Effective monitoring and evaluation can be achieved through record keeping and proper reporting systems, to help find out whether the college resources are being spent according to plan or not. College management team will have better means to learning and improve from past experiences, improve planning, and better allocation of resources if they put the best monitoring and evaluation practices. Through this, the college can be accountable to the stakeholders.

Monitoring and evaluation systems have enhanced the performance of both the teachers and the students. Through the use of technology, the college management, and the teachers can access data that can be used to give guides on how to improve the performance of the students.

Monitoring and evaluation help in planning on future of the college. The college management plan on the areas to fill the gaps and cover, appropriately balance between attained targets, and future assessment opportunities.

5.Evidence of success : Focused efforts by faculty in truly embracing Monitoring system, happened through small innovations in the teaching learning process, innovations in assessment tools and ensuring that every student has the expected knowledge, skills and attitude. Faculty contribution towards successful implementation of Monitoring System reflected in enhanced student performance. Few parameters that are considered as evidence towards successful implementation of Monitoring system through faculty contribution are:

- Attendance improvement
- Performance
- Behavior
- Participation in curricular, co curricular and extracurricular activities

The above evidence of improvement in student performance can be attributed purely to faculty contribution in effective implementation of Monitoring System.

This effective implementation of Monitoring and Evaluation system, leading to improved student accountability and performance through faculty contribution eventually resulted in no record of misbehavior of the students

6. Problems Encountered and Resources Required: The college is located in rural area and most of the students are hailing from villages. Hence lot of time is taken to enhance their communication and technical skills.

Through monitoring in college, good leadership is put into practice and accountability which leads to college improvement. Effective monitoring can best be achieved through record keeping and proper reporting systems, to help find out whether the college resources are being spent according to plan or not. This also helps in figuring out whether the teaching method in the college is delivering to the desired educational results.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

The standard of any educational institution is generally measured by its academic excellence and the success in placements. It is to meet this vital requirement and the competitive standard and achieve this target, the Communication & Soft skills (CSS) Department was established to train students in the areas of Aptitude, Reasoning, verbal and Soft Skills.

CSS & Placement Cell has been instrumental in associating itself with corporate giants to conduct various Industry Institute initiatives. Various technical and literary events are conducted to practically enhance communicative abilities to face emerging challenges in the context of globalization.

It is the Department of CSS with its Campus Recruitment Training Program (CRTP) that proclaims the academic and professional uniqueness of our institution.

It follows a stringent procedure where the student can best imbibe the applicative methodology in the areas of Soft skills Technical, Verbal, Aptitude & Reasoning Skills. Apart from the formal structure of the course which covers the updated pattern of the examination and selection process of the leading companies, every student is trained with the practical concepts of soft skills and personality development and English language.

The student is rigorously trained to be independent and non-imitative in his constructive and objective-oriented thinking. He/she is guided with the instant sensibility of the areas of knowledge not only related to the Multi-National Companies (MNCs) but also to the competition at the global standards.

The efforts of the department's committed and industrious team have succeeded in bringing out the ideal champions who have really set ablaze more successors as a fruitful consequence. With CRTP course, the department of CSS has certainly added many feathers in the cap of our esteemed and prosperous institution. The humble beginning of the course has become a source of inspiration even to the faculty of the other departments and even other colleges apart from the students of this course.

Comparatively the CSS has set itself a model by making a striking difference among many other renowned colleges. Besides this account, it never slows down its pace in exploring the upgrades of competitive learning for the welfare of the student expertise to put him into the mainstream of the progress in advancement.

To enable the student with more acquaintance practice and the higher level of knowledge, the CRTP course has initiated to offer this course from the earlier stage of the second year B.Tech itself along with regular academics, so that the student will be well versed with the concepts and relevant practice pertaining to the aspects required for placements. Particularly in the second year of the B.Tech, the student will be laid with a strong foundation of all the fundamental concepts. So to the credit of SVIET, the department of CSS has stood a model for many other colleges in its exceptional methodology.

Another important contribution of the CRTP is, it organizes a pre-placement training where the students will certainly overcome all their difficulties and will be ready with ample self-confidence.

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5. CONCLUSION

Additional Information :

- SVIET is accredited with 'A' grade by State Govt. of Andhra Pradesh.
- An ISO 9001: 2015 certified Institute
- Submitted SAR for NBA Accreditation.
- A Record of more than 60% placement for the past 6 years, even through located in a rural place
- 10 blood donation camps organized by NSS since 2008.

Concluding Remarks :

Right from the Inception in 2008 with four branches of under graduate Engineering courses, the Institution has grown leaps and bounds both in size as well as stature till this day and promises to continue in its progressive mode of planning at the hands of our nation, Engineers with knowledge, skill as well as human values. The Institution has been constantly refining its focus as well as modus operandi in achieving the vision it has set for itself.

The descriptive summaries and the accompanying data under each criterion are a proof of the sincere efforts of the Institution in this direction. It is a firm belief as well as perception of the Management of the Institution that growth in infrastructure, academics, research, co-curricular, extra –curricular activities, activities on social and national issues for creating awareness as well as mitigating the problems, contributions in terms of activities of relevance to local community around the Institution have all been in keeping the expectations of NAAC- a wing of UGC, highly relevant to the Present day educational scenario in the country.

As such it is humbly submitted that this Institution SRI VASAVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, Nandamuru, Krishna District – 521369, Andhra Pradesh deserves to be accredited by NAAC.

This accreditation will also be a mile stone in its chronological history as well as serve as great morale booster in accelerating its growth towards its nation building efforts through Engineering Education.