Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**SRI VASAVI INSTITUTE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**Dr. A. B. Srinivasa Rao**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08672-241386**
Mobile no.	**9490754794**
Registered Email	**srivasavi2007@gmail.com**
Alternate Email	**principal@sviet.edu.in**
Address	**Sri Vasavi Institute of Engineering and Technology Nandamuru Pedana, Krishna Dt. Andhra Pradesh**
City/Town	**NANDAMURU PEDANA MANDAL KRISHNA DIST**
State/UT	**Andhra Pradesh**

Pincode	**521369**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**S V C Gupta**
Phone no/Alternate Phone no.	**08672241387**
Mobile no.	**9290452342**
Registered Email	**hod.cse@sviet.edu.in**
Alternate Email	**sviet.adm@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.sviet.edu.in/

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.sviet.edu.in/public/pdfs/2019-2020-I,II,III,IV.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.24**	**2019**	**09-Sep-2019**	**08-Sep-2024**

6. Date of Establishment of IQAC	**19-Jul-2018**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Training on Teaching Methodologies to improve Lesson Plan Quality	16-Jul-2019 1	65
Registration of Alumni Association.	14-Jun-2019 1	303
Initiation of Unnat Bharat Abhiyan Activities Household survey in villages Arthamuru,Munjuluru	12-Apr-2020 1	500
View File		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Sri Vasavi Institute of Engineering & Technology / CSE / Dr. B. R.S. Reddy	DSTNIMAT	DST	2019 3	20000
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File

10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

Online Feedback system is developed by the initiative of IQAC. Improving the Overall research and Quality Culture of the Institution and Conducting Audits. Faculty members have been motivated and facilitated to attend faculty development training programmes, Faculty orientation programs and workshops in reputed organisations with financial support. Students of all the branches have attended

internship programmes in various Organisations. EDC has organised workshops related to Entrepreneurship activities, career Awareness programmes.

[View File](#)

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

Plan of Action	Achivements/Outcomes
The average pass % of passed out students should be improved	The average pass % of passed out UG students in 2019-2020 is improved
Faculty members are motivated to register for Online course for quality improvement and Career advancement	faculty members have obtained certificates by participation in the online SWAYAM and NPTEL courses
Participation in the programmes organised by other Institutions	Many faculty members attended FDP, Workshops, Training Programs etc in reputed organizations.
Employability Skill Test programmes to students of all branches	The placement percentage has improved through the Employability Skill Test and Training.
Faculties should be motivated to publish the research articles in high impact factor journals.	More number of papers have been published in national and International journals.
ICT based education	online classes
[View File](#)	

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

Name of Statutory Body	Meeting Date
IQAC	**20-Dec-2021**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**29-Aug-2019**

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2020**
Date of Submission	**04-Feb-2020**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	ECAP. ADMINISTRATION: • Creation of Departments, Courses and Branches. • Fees for courses along with Due Dates Fines. • User Levels with Access Rights on modules. • Mapping Users to User Levels. • Backup and Restore Data. • Track staff Logins and Resetting Passwords. • Complaints/Suggestions Received from Students/Staff • Setting Academic Calendar. • Posting News/Events for notice by Users. • Uploading Students Data to College Website. • Maintaining College Diary. • Device IDs to students for capturing attendance. • Data Backup Restore. ACADEMICS: • Attendance Marks Entry by Faculty. • Students' Attendance Analysis. • Student's Complete Profile in one single screen. • Analysis of Teaching Plan and Topics Covered. • Upload of Resources like notes etc for students. • Integration with Attendance Capturing devices. • Messages/Assignments by Faculty to Students • Students Feedback Against Faculty. • Attendance Shortage Notices to Parents. • Time Table Faculty Teaching Assignments. • Academic Projects. • Faculty Academic Register • Faculty Workload • Faculty Adjustments • Circulars • Disciplinary Actions. • Faculty Performance. • Certificates • Extra Classes • Students Promotion Detention. ADMISSIONS: • Import of Students data from Excel Sheet. • Admission Register • Castes Sub Castes. • Tracks Certificates to be Submitted by Students. • Re Admission of Detained students. • Barcoded ID Cards for Students. • Scholarship Students. • Generates 10 digit Roll Numbers for Students. • Division of Students into Sections. • Reports. FEE PAYMENTS: • Fee Collection Receipt Printing. • Course/Batch/Student wise Fee Dues. • Fee Concessions. • Fee Reminders to Parents. • Tracking Fee Reimbursement from Government. • Issuing Study etc. Certificates to Students. • Reports. EXAMINATIONS: • Exam Fee Collection Exam Schedules. • Student Registrations for Regular/Supply Exams. • Seating Arrangement for External Exams DForms. • Entry/Upload of External/Internal Exams Marks. • External/Internal Marks Analysis Reports. • Progress Reports Attendance Reminders. • Supplementary

Detained Students. • Invigilation Charges for Staff. • Reports. LIBRARY: • Library Rules for Students Staff. • Entry/Upload of Books/Journals/Magazines. • Book Bank Students Book Reservations. • Book Issues/Returns/Renewals. • Printing Barcodes. • OPAC Search. • Journal/Magazine Subscriptions Renewals. • Titles/Authors/Publishers Database. • Backup Restore of Library Data. • Budget Expenditure, Purchases Receipts. • Stock Verification • Reports. STAFF: • Messages among Staff Members. • Groups Members. • SMS to Parents, Staff Students. • Marks/Attendance Fee Dues through SMS to Parents. • Printing Parents Addresses. • Correspondence Via Email/Letters with Parents. • Bulk SMS to Parents/Students during Admissions. • Birthday Greetings

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The College is approved by AICTE New Delhi and affiliated to Jawaharlal Nehru Technological University (JNTU) Kakinada. The College has strategized ways to strengthen the effective implementation of curriculum delivery process in the following ways: The college develops its action plan through participative approach. The head of the department sends subject choice form to the faculty members to choose the subjects that they are interested and based on their specialization at the beginning of the semester. Then based on the choice of faculty and past results of that subject the subject allotment is done. After allotment of the subjects to the faculty members, they prepare their subject course outcomes, course lesson Plan, Course Material, unit wise assignment questions, test papers, Real time applications using Bloom's taxonomy and submit the same to the Head of the department. Time table for every semester is prepared by the respective Time Table coordinators of various departments in consultation with the HoDs and the load distribution is informed to the Principal. Course files are maintained by faculty members which contains Academic calendar, Individual timetable, Teaching plan, Assignments, Class test question papers, University question papers, question banks, Quiz, Performance details etc. Remedial classes are conducted for slow learners. In addition to traditional teaching methods, video lectures, NPTEL lectures, OHP, PowerPoint presentations, projects, case studies, surveys etc are being conducted. Guest lectures are regularly arranged to bridge the gap in the prescribed curriculum. The compatibility of the course material with the syllabus is checked by the course content experts and Head of the department before commencement of the semester. Each department in the college shall prepare its activities plan for the entire semester to support the curriculum based on the availability of number of working days. The head of the department plans for training programs, student development activities and other academic activities for the semester

based on the departmental plans and inputs from the faculty. The Internal Quality Assurance Cell receives regular feedback from the students regarding the difficulties faced by them and helps the students to deal with them. The principal collects feedback through class representatives meeting twice in a semester and also takes initiative to Organize suitable guest lectures and industrial visits to improve the effectiveness of implementation of the curriculum designed and specified by JNTU(K). Performance of the students in laboratory experiments are timely assessed and graded. At the end of every semester course exit feedback is taken from the students and analysed for proper measures. The faculty in charge maps the course outcome with the program outcomes to ensure the attainment of the curriculum. Students are encouraged to undergo industrial internships and industrial visits during vacation periods. Students are given training in various software's so as to enhance global employment opportunities. Special emphasis is given on the development of the overall personality of the students through the conduction of various personality development programmes. Students are encouraged to participate in NSS and other social activities so as to enable them to be socially responsible.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Nil	Mechanical Engineering	25/04/2019	8	Yes	Yes
Nil	Electronics and Communication Engineering	25/04/2019	8	Yes	Yes
Nil	Civil Engineering	25/04/2019	8	Yes	Yes
Nil	Electrical and Electronics Engineering	25/04/2019	8	Yes	Yes
C Programming Data Structures	Nil	10/06/2019	1	Yes	Yes
Python Programming	Nil	10/06/2019	1	Yes	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Mtech	Computer Science and Engineering(17 courses)	10/06/2019
Mtech	VLSI System Design(12 courses)	10/06/2019
BTech	Electronics and Communication Engineering(34 courses)	10/06/2019

BTech	Mechanical Engineering(5 courses)	10/06/2019
BTech	Computer Science and Engineering(7 courses)	10/06/2019
BTech	Electrical and Electronics Engineering(4 courses)	10/06/2019
BTech	Civil Engineering(22 courses)	10/06/2019
	View File	

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	10/06/2019
BTech	Electrical and Electronics Engineering	10/06/2019
BTech	Computer Science and Engineering	10/06/2019
BTech	Mechanical Engineering	10/06/2019
BTech	Electronics and Communication Engineering	10/06/2019
Mtech	VLSI System Design	10/06/2019
Mtech	Computer Science and Engineering	10/06/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	176	174

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Problem Solving and Programming in Python Phase-1	03/09/2019	57
Machine Learning	06/12/2019	63
Entrepreneurship Awareness Camp	19/12/2019	70
	View File	

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	CIVIL Engineering	68
BTech	Electrical and Electronics Engineering	127

BTech	Mechanical Engineering	121
BTech	Electronics and Communication Engineering	117
BTech	Computer Science and Engineering	164
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Feedback is key tool which triggers in continuous improvement in the quality of education. Feedback form/formats are designed for the stakeholders. All the departments of the Institute collects the feedback on the aspects like curriculum, facilities, program outcomes , program specific outcomes from students, faculty, employers, alumni, and parents through student exit feedback form .faculty feedback form, employer feedback form, alumni and parent feedback form. The feedback will be taken every year at the end of the year for the alumni and exit students. The employer feedback is collected during the placement drives and interactive sessions with the students. The parent feedback is taken due course of time. Apart from this students feedback on courses are taken twice in a semester one before the first internal examination and the second before the second internal examination. After collecting the feedback from all the stakeholders, the contents of feedback are analyzed in the department by the head of the department by discussing with the faculty of the department and the important observations are noted down and the plan of action will be forwarded to the academic committees to make possible changes in the activities conducted in the department .Feedback on career guidance facilities like training on soft skills and other placement related activities are also collected through Graduate Exit Survey to measure the satisfaction level of students and to identify the necessary steps for improvement. Feedback is also collected on institutional resources and services such as class room, laboratory and computer center facilities and also on other supporting facilities and services like library, sports and games and hostels. A consolidated result will be forwarded to the appropriate departments for necessary improvements. All the analysis of the feedback will be placed in the website so that it is accessible ro all the stakeholders. The stakeholder feedback is given a high priority for the modifications to be done on curriculum, facilities.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled

BTech	CSE	120	315	115
BTech	ECE	120	225	80
BTech	MECH	60	90	30
BTech	EEE	60	77	3
BTech	CIVIL	60	64	9

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1168	2	66	Nill	6

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
72	72	21	32	1	5

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

In our institution, mentoring system has been introduced, for establishing a better and effective relationship between student and teacher and also continuously monitors,council and guide students in educational, personal matteras well as in career enrichment. Every mentor effectively interacts with allotted mentees regarding their performance in academic progress, personal issues, ambitions and career development. All teachers work as mentors for students allotted to them. The students must feel to confide in their mentors. This is a continuous process till the end of academic career of student. Based on their performance, the mentor used to give effective counselling and motivating the students to come out from the problems and chances to stabilize their life in critical aspects. Mentors are assigned to monitor and guide students all through the four years. Mentors coordinate with the parents regarding the progress of the students, and special counselling is also provided for both the students and parents.In isolated cases parents are called for counselling and their special meeting with the principal at the suggestion of the mentor. Mentors communicate with fellow faculty and promote mentees at the time of difficulty / opportunity to help them develop further in their areas of interest. The students who find it difficult to learn due to lack of self-motivation and grasping power in regular learning methods will be specially encouraged to increase mentees self-confidence, learning and listening abilities. The wards' performances are communicated to the parents regularly. Mentors maintain and update the mentoring format after collecting all necessary information. Mentors are expected to offer guidance and counselling as and when they required. It is the practice of mentors to meet students individually or in groups. If a student is identified as having weakness in particular subject, it is duty of mentor to apprise the concerned subject teacher. At least 3 to 4 meeting are arranged by mentors for their mentee in each semester. This system has been useful in identifying slow and advanced learner ad through a careful examination of each mentors report the college has organized 'Remedial Classes' in identified topics. HOD will meet all mentors of his/her department at least once in a month to review paper implementation of system. Advice mentors wherever necessary. Type of mentoring done in our institution are 1. Professional Guidance – Regarding professional goals, selection of career and higher education. 2. Career Advancements – Regarding self-employment, entrepreneurship development, opportunities, morale, honesty, integrity required for career growth. 3. Coursework Specific – Regarding attendance and performance in present

semester and overall performance in the previous semester. Outcomes of the system a) The attendance percentage of the students has increase to greater extend. b) The number of detainment of students has decrease consistently. c) Due to direct communication between mentor and the student, there was good improvement in student-teacher relationship.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1168	72	1:16

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
72	72	Nill	28	6

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Jyothilal Nayak Bharothu	Associate Professor	Young faculty awrd, Amaravathi research academy
2019	Dr. Jyothilal Nayak Bharothu	Associate Professor	Dr.APJ Abdul Kalam Award, Marina labs
2019	Srikanth Pola	Assistant Professor	ZIIEI(ZERO INVESTMENTS INOVATIONS FOR EDUCATION INSTITUTES),Sri Aurobindo Socity

View File

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	01	II/I	02/11/2019	02/01/2020
BTech	02	II/I	02/11/2019	02/01/2020
BTech	03	II/I	02/11/2019	02/01/2020
BTech	04	II/I	02/06/2019	02/01/2020
BTech	05	II/I	02/11/2019	02/01/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Institute is affiliated to JNTUK, Kakinada and follows the Examination

pattern of the university. JNTUK guidelines are strictly adhered to with respect to evaluation process. There are two Internal tests conducted. The schedules of internal assessments are communicated to students and faculty in the beginning of the semester through institute academic calendar which is prepared based on the university academic calendar. The Institute Exam cell framed guidelines for conducting the CIE in line with calendar of the Affiliate University and the Institutions The Exam cell prepares exam schedule, the staff duty list, seating plan, etc. The first internal assessment syllabus is conducted by covering first 3 units in the syllabus and followed by the second assessment with another 3 units. Preparing the question paper for the internal examination in the prescribed pattern based on Knowledge level using revised Bloom's taxonomy Scrutiny of the prepared question paper is carried out by HoD/ Subject expert to ensure quality of the Question paper. Monitoring the attendance of the students for the Examination. Internal Assessment has to be carried out within the stipulated time. After completion of the internal examination, the faculty evaluate the answer scripts and distribute to the students for doubt clarifications or re-correction. While distributing the evaluated answer scripts, the answer key/ scheme of evaluation is discussed in the class. Students are given a fair chance to appeal on any discrepancy in the valuation. Students are awarded additional/missing marks (if any) if the appeal is valid. The assessment marks are entered in the logbook of concerned subjects, marks are displayed on the notice board and also in the centralized software called E-Cap so that any time it can be viewed by the faculty/Hod/ Principal. The faculty submits the re-corrected scripts to the examination branch. The external examinations are conducted by the university authority for the 75 marks which cover all six units. Subject teacher can also conduct various academic activities like surprise test, objective type test (MCQ), Technical quiz etc..for assessing the students . The evaluation for laboratory courses are assessed in the similar pattern followed for theory courses. For each laboratory sessions, the student is assessed through viva questions, observations. The evaluation for project course is assessed by conducting periodical project reviews covering key parameters like problem formulations , understanding of the project, presentation skills, communication of ideas , technical knowledge , team work and project management. Major project consists of 200 marks. The project review committee organizes review meetings to assess the progress of all the project batches. For smooth conduction of End Semester theory examination, an internal squad comprising of senior faculty members is appointed. The regulations, curricula and syllabi of all the programmes offered by the Institute are available in the Institute's website. Performance of the students in Internal Assessment is used for Faculties to identify slow and advanced learners in their respective subjects. Slow Learners are encouraged to improve their

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The institutional academic calendar contains plans for curricular based on the available working/teaching days as per norms. Academic calendar of the Institute includes schedule of assessment, laboratory practical, university examination. The Academic calendar of institute is prepared on the basis of the academic calendar given by the affiliating university and then HOD along with staff prepares the calendar of the department which is in adherence with the University calendar. Each department conducts the meetings of faculty before term end of previous semester and discusses the syllabus of the program and identifies specialized faculty in particular domain and calls the subject preferences from the faculty. Based on this discussion HOD distributes the load. Faculty prepares teaching plan of topics to be covered in upcoming semester as well as course file before the beginning of next semester. Lesson plans are then prepared based on the academic calendar. The lesson plan

comprises of content, learning aid and methodology, faculty approach and course outcomes The schedule of external examination is fixed by the University and the same is displayed on notice board for students. In case of any change in the University schedule, some changes are required to be made in internal evaluation as well. These changes are communicated to the students well in advance. Departmental unit tests, Educational tour, Departmental stock verification, various Literacy days, Awareness Programmes and rallies, organizing workshop / seminar activity are planed month wise and makes implementation on it. Faculty also identifies list of lab experiments need to be conducted. The Course file is evaluated by concerned HOD as well as Principal. The students are informed about time table, academic calendar and teaching plan well in advance. Students' academic performance in internal tests is evaluated and used to identify the extra efforts required to improve results. Continuous assessment is done based on students' performance in the above exams, assignments, attendance etc. At the end of Term University conducts examination and evaluate the students' performance and offers result for the same.

2.6 – Student Performance and Learning Outcomes

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

https://www.sviet.edu.in/ece

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
58	Mtech	CSE	Nill	Nill	0
61	Mtech	VLSISD	1	1	100
5	BTech	CSE	108	99	91.67
4	BTech	ECE	98	77	78.57
3	BTech	ME	49	27	55
2	BTech	EEE	12	8	66.67
1	BTech	CE	28	18	64.28
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2.7 – Student Satisfaction Survey

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

http://www.sviet.edu.in/public/pdfs/2.7.1%20Student%20Satisfaction%20Survey%20form%20modified.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	3	EDII,DST-NIMAT	0.2	0.16

3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Enterpreneurship Awareness Camp	Computer Science and Engineering	19/12/2019
A 2-Day workshop on Machine Learning	Computer Science and Engineering	06/12/2019
Workshop on Python Basics" by APSSDC	Electrical and Electronics Engineering	03/09/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
RESEARCH DEVELOPMENT	Dr.APJ Abdul Kalam Award	Marina labs	24/11/2019	Teaching
INTERNATIONAL FACULTY AWARDS	Young faculty award	Amaravathi research academy	16/10/2019	Teaching
Design cost effective Business Solution for trackingof Containers and baggage On Air Posts for the detection of Illegal and Banned material	Second runner up	Intech Olympaid	15/02/2020	Innovation

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
e-Yantra Incubation Centre	Embedded Systems and Robotic Lab	eLSI-IIT Bombay	e-Yantra	e-yantra Lab Setup Initiative	04/09/2019

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	2	50

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
SH	1
EEE	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mechanical	2	2
International	CSE	10	3
International	SH	5	2
International	ECE	16	5
National	EEE	2	1
International	EEE	17	3

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
cse	1
eee	3

View File

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Computational Study of Debye Temperature for Liquid Mixtures-Thermal Energy variations	Mr. T S Nori	Physical Chemistry Research	2020	1	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY	1
Dimensionality reduction using Machine Learning and Big data Technologies	M.N.Vamsi	IJITEE	2019	7	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY	6
Dimensionality reduction using Machine Learning and Big data Techn	J.V.N.Raju	IJITEE	2019	7	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY	6

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Modified Kernel Based Fuzzy clustering for MR Brain Image segmentation using Deep Learning	Dr.B.R.S.Reddy	IJEAT	2019	18	Nill	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY
Smart Agriculture: Automated Controlled Monitoring System using Internfet of Things	Dr.M.Srinivasa Rao	IJRTE	2019	20	Nill	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY
Cyber security Framework for Big Data environment Using support vector Machine	Md.Ahmed	Jour of Adv Research in Dynamical Control Systems,	2019	21	Nill	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY
Deep Learning Based cNN Optimization Model for MR Braing Image segmention	Dr.B.R.S.Reddy	Jour of Adv Research in Dynamical Control Systems,	2019	21	Nill	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY
Dimensionality reduction using Machine Learning and Big data Techn	J.V.N.Raju	IJITEE	2019	40	7	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY

ologies						
Dimensionality reduction using Machine Learning and Big data Technologies	M.N.Vamsi	IJITEE	2019	40	7	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY
Review on Offline Handwriteen chinese Character Recognition Approaches	U.Ganesh Naidu	IJMAT	2020	124	Nill	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY
Prediction of Technical Edication student Perormance using ARM	Dr.B.R.S.Reddy	Test	2020	10	Nill	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY
Performance evaluation of mini channel heat sink using different nano fluids	P.Bhargava Kumar	International journal of Mechanical and production engineering research and development (IJMPERD)	2020	23	Nill	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY
Simulation of thermal ablation process using Ansys Software	P. Vijay akanth	International Journal of Innovative technology and Exploring Engineering (IJITEE)	2020	40	Nill	SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	3	30	Nill	Nill
Presented papers	3	Nill	Nill	Nill

Resource persons	Nill	Nill	Nill	Nill

[View File](#)

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
International Yoga Day-Practice Yoga Posters	JNTUK	10	120
Vanam-Manam	JNTUK	10	50
Independence Day-Tree Plantation	JNTUK	10	50
Blood group Identification camp	Govt. Hospital	15	200
National Unity Day - Pledge for Rashtriya Ekta Diwas Painting competition on theme National Unity	JNTUK	15	120
Inauguration to the camp and Swatch Bharat in the camp	JNTUK	6	97
Conducting Awareness program on plastic bag ban Awareness rally on Blood Donation,	JNTUK	6	97
Blood Donation camp	JNTUK	6	97
Awareness Rally on Environmental protection	JNTUK	6	97
Plantation program	JNTUK	6	97

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation camp	Dr. Pattabhi Red Cross Blood Bank, Machilipatnam	6	70

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year				
Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
JNTUK NSS CELL	JNTUK	School Education Dropouts	6	97
JNTUK NSS CELL	JNTUK	Cultural programs	6	97
JNTUK NSS CELL	Regional passport office, Vijayawada	Passport Mela	12	350
JNTUK NSS CELL	JNTUK	National Youth Day-Essay Writing	10	50
JNTUK NSS CELL	JNTUK	Pulwama Attack-Rally in Commemoration of Martyrs	15	100
JNTUK NSS CELL	JNTUK	Aadhar Camp - Name,DOB ,Phone Number and Fringer Prints Update	8	200
JNTUK NSS CELL	JNTUK	Inauguration to the camp and Swatch Bharat in the camp	6	50
JNTUK NSS CELL	JNTUK	Conducting Awareness Program on Plastic Bag Ban Awareness Rally	6	50
JNTUK NSS CELL	JNTUK	Conducting awareness on Digital Transactions	6	50
JNTUK NSS CELL	JNTUK	Awareness Rally on Environmental Protection	6	50
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Preassess 1	104	College	1
Preassess 2	105	College	1

VIDAL NDT workshop	54	College	1
Field visit	557	College	10
INTERNSHIP	40	College	45
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Assemenet with dignosis	7 Diagnostic Career Test 2 PRE-ASSESS	Aon Company,08801225972,vinay.singh@cocubes.com	21/07/2019	20/06/2020	114
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ALPHAPPLETON,bapu.iitb@gmail.com,6301865670	16/02/2019	Training Consulting	120
PURPLE TECHNO SOLUTIONS,info@purpletechnosolutins.com,0866-2974785	01/08/2019	Training Consulting	120
VIDAL NDT919642344565,sandhya@vidalndt.com	09/12/2019	Training Consulting	140
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
49.36	46.4

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing

Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Existing

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
ECAP(From Webpros)	Fully	1	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	18516	5438056	662	294585	19178	5732641
Reference Books	2645	776448	320	142398	2965	918846
e-Books	1589	252780	174	71390	1763	324170
Journals	248	523730	16	8100	264	531830
e-Journals	907	42804	347	9204	1254	52008
Digital Database	1	130640	1	13570	2	144210
CD & Video	25887	50000	81	Nill	25968	50000
Library Automation	1	154000	1	13570	2	167570
Others(specify)	49144	72216	Nill	Nill	49144	72216

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
All Faculty	Lecture Notes	ECAP	10/06/2019

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	517	65	39	0	64	8	20	42	0
Added	20	12	0	0	1	0	7	0	0
Total	537	77	39	0	65	8	27	42	0

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

42 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Sri Vasavi LMS	http://www.sviet.edu.in/E_RESOURCES

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
110	105.59	100	89.63

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

General The college has appointed several personnel for maintaining the infrastructure by way of building maintenance, cleaning of the classrooms for day –to-day Labs, transport, furniture,Campus maintenance and generator operator in case if the power shuts down. Separate Complaint registers were maintained for various services like electrical, plumbing, housekeeping etc. IT The college has adequate number of computer with internet connections. Utility software is distributed in all the locales like office, laboratories, library, departments etc. The ICT smart classrooms and all those computer related facilities are maintained by the technically skilled experts appointed by the CSE HoD. CCTV camera is installed in the campus. System Administrators and network administrators monitor the networking in the campus. Any fault in network is reported to the CSE HoD, who in turn looks after the faults and solves it.Breakdown maintenancewherein 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. A Complaint format is there which can be utilized by everyone which is further process by department. Lab The proper function of equipment in all laboratories is ensured in every semester by the lab technicians and minor repairs such as installing replacement parts are carried out by them as and when they are needed. Then it is recoded in service register. When there is a major repair work, the lab in-charge handles the service and maintenance request appropriately by placing an order to the corresponding engineering

experts during summer vacation. Stock register is maintained in all laboratories and audits are conducted by stock verification committee to check the availability and working of the equipment in every year. First aid kits are kept in all laboratories and department to meet out any eventuality. Fire extinguishers of ISI mark of adequate capacity and numbers are provided in eye catching spots in the college buildings especially in all laboratories. Fire extinguishers are well maintained and checked periodically and refilling is done well before the due date. Library Library maintenance is done by management by providing a provision of the budget. Library software is maintained by ECAP.Disinfecting and keeping library clean is done frequently by library attender.Damaged books if any are sent for binding for every semester. Sports Two physical directors are appointed for the utilization and maintenance of the institutes sports facilities. The sports grounds are maintained and checked for every two months .The sports items are replaced and repaired at local facilities whenever situation occurs.

http://www.sviet.edu.in/public/pdfs/4.4.2%20crieteria.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Sri Vasavi Society Scholoship	76	516250
Financial Support from Other Sources			
a) National	Fee Reimbursement by Ap Government	843	47680000
b)International	nil	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Bridge Course	05/08/2019	150	Inhouse
Yoga	21/06/2019	100	Yoga trainer
Softskills II	18/11/2019	322	Inhouse,TP Cell
Aptitude Reasoning 1	06/10/2019	324	Inhouse,TP Cell
Verbal Communication 1	06/10/2019	324	Inhouse,TP Cell
Soft Skills-I	06/10/2019	322	Inhouse,TP Cell
Personal Counselling and Mentoring	06/10/2019	1168	Inhouse
Remedial Coaching	03/02/2020	225	Inhouse
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Common for GATE / GRE / PGECET / ICET	609	609	Nill	Nill
2020	Common for GATE / GRE / PGECET / ICET	609	609	4	138
			View File		

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Polmon Instruments Pvt Ltd,Efftronics,Spoors,Soft suave,Cognine,Softaquare,VPG Sensors,Visionary RCM Infotech,Stanadyne,Paragon Digitals	700	80	TCS,Infosys,Mphasis,CTS,Wipro,IBM,Dhanush EnggServices India Pvt ltd,DXC Techonlogy	435	58
			View File		

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	1	B.Tech	ECE	Ramaiah Inst of Tech	PGDM
2020	1	B.Tech	ECE	Birla Inst of Mgmt and Technology	PGDM

2020	1	BTech	CSE	AU College of Engineering	M.Tech

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
Any Other	1
GMAT	1
CAT	1

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

Activity	Level	Number of Participants
Basket ball and Table tennis on Republic day	Institutional	145
Ball Badminton and Kho-Kho on National Youth Day	Institutional	135
Long Jump and High Jump on New Year	Institutional	150
Chess on Engineers Day	Institutional	88
Carroms and Long jump on National Sports Day	Institutional	190
Volley ball and Chess on Independence day	Institutional	140
Kabaddi and throw ball on youth day	Institutional	182
Sapience2k19 -Sports meet(Basketball,Volley Ball ,Kabaddi,Long jump,Shotput and Discus throw for boys and Kho-Kho,Throw Ball,Tennicoit ,Long jump,Shotput and Javalin Throw for Girls)	Inter College	193
College team selection trails(Volley ball,Kabaddi,basket ball,ballbadminton,table tennis,carroms,chess,discus throw, Kho-Kho and cricket for Boys and Throw ball,tennicoit,basket ball kabaddi,Carroms,Chess ,Table Tennis,Shotput and Javalin Throw for	Institutional	561

Annual sports day(Throw ball,tennicoit,basket ball kabaddi,Carroms,Chess ,Table Tennis,Shotput and Javalin Throw for Girls and Volley ball,Kabaddi,basket ball,ballbadminton,table tennis,carroms,chess,discus throw,shotput and long jump for Boys	institutional	738

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	1	National	1	Nill	16MQ1A0432	L.Jaya sree

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

Summary of Various Academic/ Administrative Cells for A.Y:2019-20 S.No Name of the Committee No. Of Students No. Of faculty No. Of others 1 R D Consultancy Cell 10 7 0 2 Training Placement cum career Guidance cell 10 6 0 3 Central library Information Centre 11 7 0 4 Website/ICT/Internet Cell 9 7 2 5 Student counselling/Grievances Redressal Cell 10 6 0 6 Hostel Welfare Cell 9 5 0 7 Canteen/ House keeping/ Hygiene/ Sanitation cell 9 6 0 8 NSS Cell 10 6 0 9 Sports Games Cell 10 6 2 10 Transport Cell 8 7 0 11 Arts Cultural Cell 9 7 0 12 Departments Associations Coordination Cell 9 6 0 13 Industry Institute Interaction Cell 9 6 0 14 EDC 9 6 0 15 Alumni coordination cell 9 6 0 16 Professional Societies Coordination 10 6 0 17 Medical Assistance Cell 8 7 0 18 Public Relations, Press Media , :Publications 6 7 0

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

SRI VASAVI INSTITUTE OF ENGINEERING TECHNOLOGY ALUMNI ASSOCIATION SVIETAA (No. 118 of 2019)

5.4.2 – No. of enrolled Alumni:

2773

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

151500

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet- Yes Interactions- Total 10 during the academic year. Sl.No Date Name of the Event Name of the Alumni Organisation No. of. Participants Remarks 1. 29-06-19 Design of coastal structures A.KRISHNA VIRAJ BATCH:2012-2016

Petrofac 45 III IV -CE 2 17-08-19 Carrier guidance M CHIRANJEEVI BATCH:2009-2013 Associate Manager, Mega Engineering Infrastructure. 60 II,III,IV- EEE 3 17-08-19 Carrier guidance KUMBAM VEERA RAJU (Regd.No.09MQ1A023) BATCH:2009-2013 Voltech Engineers Pvt Ltd,Chennai 60 II,III,IV- EEE 4 03-09-19 VLSI K.Sai Chandu VLSI Design Engineer LEADSOC Pvt.Ltd Bangalore 304575 IV ECE 5 06-12-19 Carrier opportunities KOLLALA SRINIVASA RAO 15MQ1A0435 Business Development Executive edWisor 313667 IV ECE 6 24-02-20 Carrier opportunities EDUPUGANTI AKHILA 15MQ1A0406 Business Development Executive edWisor 354176 IV ECE 7 20-07-19 Interaction on How to face the interview D.Manikanta, Full Stack Developer, Humation. T.Venkateswararao, BDA,Edwisor. 48 IV CSE 8 19-08-19 Latest trends in software industry P.Srikanth S/W Developer, My Integration Pvt.Ltd. 218 III,IV CSE 9 19-08-19 preparation for the placements from second year onwards P.Srikanth S/W Developer, My Integration Pvt.Ltd. 113 II CSE 10 13-02-20 Carrier guidance Sandeep Safety Engineer, AmarRaja Batteries 45 III-Mech

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Institute implements effective implementation of decentralization and participative management. Institute has a decentralization mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance. It makes the stakeholder to actively participate in decision making, planning, execution and presentation. The below mentioned are two practices. Show case of one practice of decentralization and participative management: Alumni Coordination Cell: Principal constitutes Alumni Coordination Cell by assigning one of the senior faculty as the coordinator who is having good contacts with the alumni. Cell consists of one faculty from each department who are connected to alumni and one student from 3 rd year and one students from final year of each department. The coordinator will arrange meetings to run the cell efficiently and effectively and serve as a spokesperson for the committee when required. Cell Coordinator represents the committee and the college in matters involving the relevant association and also submits annual reports to the Principal. Faculty will be continuously in contact with alumni and collect the data regarding their whereaboutsand plan for alumni interaction with their department students and place the schedule in the yearly calendar of events under the observation of co-ordinator of the committee. The Students members are those who have leadership qualities and who are in contact with their senior and the alumni. They also contacts the alumni to ensure that the present students gets the first hand experience of the work culture and the society from the alumni.Also make the present students to actively involve in alumni interaction and make use of their services. TPCG Cell: Principal constitutes a TPCG Cell by assigning one of the senior faculty as the coordinator who is having good communication and HR skills. Cell consists of Four Faculty who are dedicated towards training the students for improvemnet Communication Soft Skills, one faculty representative from each department who are having good managerial skills and one student from 3rd year and one student from final year of each department. Coordinator responsible is to have good contact with industry and knows the needs of the industry and prepare the students for placements, higher studies and their career development. Plans various training activities in accordance with the student's ability and their demands by considering internal resources available in the form of teaching expertise of teachers for enhancing the knowledge and skills of the students, external resources available in the forms of personality development programs Student Interactive Sessions. Coordinate with company delegates and inviting them to College for recruiting

students. Faculty members prepare orientation programme for the students, identifying their skills required for achieving the objectives of the scheme. Promotes community education among students through meetings, talks, news-bulletins and discussions. Assist companies in the recruitment process in conducting interviews, group discussions and Written tests on the Campus.

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

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	the curriculum is developed by the university, as Sri Vasavi institute of Engineering Technology, Nandamuru is an affiliated institution to JNTUK, kakinada , the affiliating university the curriculum modification requirements will be submitted to the board of studies of the concerned department and the same will be considered at the time of curriculum revision by the affiliating university as approved by BOS. As special assignments and as co-curricular activity, add-on courses are introduced at institute level and at department level.
Teaching and Learning	1.Academic calendar: As per University Academic calendar, time table and course file of teacher are prepared. 2. Teaching methods: 1. Chalk Talk 2. PPT 3.Differentiation 4. Nptel Videos 5. Seminars 6.Quiz 7. Discussion 8. Debate 9.Visualisation, 10. Cooperative learning 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
Examination and Evaluation	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 Revaluation
	Research and Development	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 eJournals 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 Center Coding Clubs E-yantra lab Knowledge Center. The institution provides resources for the propagation of innovative ideas. Various out reach programs are taken up.
	Library, ICT and Physical Infrastructure / Instrumentation	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.
	Human Resource Management	APPOINTMENTS, PROBATION SENIORITY The Correspondent shall be the authority for issuing all appointment orders. All initial appointments to teaching and non teaching posts shall, ordinarily, be made on probation for two years. All appointments, by promotion, shall be made on probation for a period of one year. The executive body/governing body upon the recommendation of the Principal for valid and sufficient reasons may extend the period of probation of an employee for such a period as found may be necessary. The rules governing probation will not apply to appointments made on adhoc/Contract/Contingent basis or as Trainee. The seniority of an employee in a post shall be determinate by the date of commencement of probation in that post. In case of two or more persons selected for appointment at the same time to a category of post, the appointing authority shall fix the order of seniority among them having regard to merit order in which they have been placed by the selection committee if any, which has included them in the panel. However seniority alone is not the criteria for promotion or for conferring any other benefit/authority. PAY FIXATION Pay for the selected candidates is fixed by the selection as per the pay scale approved by the Governing body for the respective post based upon the qualification and experience of the candidate. Higher Pay Packages for exceptional and experienced candidates are fixed by the selection committee subject to the approval of the Chairman of the Trust. LEAVE RULES: Leave shall not be claimed as a matter of right. A member of the staff not normally or on

any pretence absents himself/ herself from his/her duties without prior permission of his/her superior officer authorized to give permission. Leave letter is to be submitted in advance and approval must be obtained prior to availing the leave. In case of absence on Medical grounds(Hospitalized condition), intimation should be sent to the Principal within 12 hours of start of medical attention and a Medical Certificate shall be produced at the time of joining after leave. Leave of any kind will not be sanctioned when the services of the staff are needed for the college work or when there is an unfinished job involving the employee. CASUAL LEAVE (CL): All employees are eligible for 12 days of casual leave per year @ 1 day per month during the Calendar Year from 1st January to 31st December Probation period staff members are allowed to take leave after completion of the respective months only. At a time not more than 7 days including holidays and Sundays shall be granted. If it exceeds, it will be treated as leave without pay. Permission for short absence not exceeding one hour on any working day may be granted at the discretion of the principal. If the member of permissions for short absence exceeds 2 in a month, it shall be considered as one a day CL for 3 permissions. Casual Leave cannot be combined with any other kind of leave. It can be combined with holidays and Sundays. Casual leave will expire if not used after 31st December every year. (i.e., will not accumulate) VACATION LEAVE (VL) and (EL) FOR TEACHING STAFF These rules govern the availing of vacation leave for each semester. The maximum duration and number of days shall be decided by the principal. Vacation Leave (VL) is applicable to only the member of the faculty (teaching staff) with eligible services. 3.3.3. The total numbers of VL days for members of faculty (teaching staff) is limited to 3 weeks, for a continuous service of 12 months in the institution. Besides, they are eligible for 08 days of earned leave in a calendar year. EL's should not be combined with any type of leave. Half EL's are not allowed. EL's should be

applied in advance only. EL's should not be combined with any holidays and Sunday's. Minimum EL's applied at any time is 03 days. If CL's are exhausted in their account, then only they are permitted to apply less than 03 EL's. These 3 weeks can be available in the summer vacation period in the months of May, June or July. However, vacation leave shall be availed as per the circulars issued then and there in this regard, indicating the slots in slots in the period identified for winner or summer vacation, to ensure smooth functioning of the institutions. A staff member becomes eligible for VL only after rendering a continuous service of one full academic year as on 31st May. i.e. from 1st June of a calendar year to 31st May of the following academic year. However, in special/deserving cases, VL can be sanctioned after 6(six) months of continuous service, including the following vacation period, on pro rata basis. In such cases, staff members are required to serve the institution for a further period of six months or one semester, so that total serve of one year can be obtained. 3.3.8. In case a staff member, after availing VL as per Para does not complete the full term of 6 months or one semester, the leave availed will be treated as Leave on Loss Of pay (LOP) and proportionate salary will be deducted from any payment due to him/her or will be recovered from the said staff member. Any unused part of VL cannot be carried over to the next academic year. EARNED LEAVE (EL) FOR NON-TEACHING STAFF The number of days of EL for Non-teaching Staff is restricted to 6 days per year which should be available within the corresponding year. A Staff member becomes eligible for EL only after rendering a continuous service of one full academic year as on 31st May i.e. from 1st June of a calendar year to 31st May of the following academic year OUT-STATION DUTY (OD) OD will be granted when staff member are required to go out on official duties or to participate in seminars, etc., as approved by the Principal/Designated Authority. When staff members go for examination work for Universities other than JNTUK, OD WILL NOT BE GRANTED.

	Number of days on OD for exam duty is limited to 10 for a year at the rate of 5 days per semester and if availed in excess, the excess days shall be deducted from other eligible leave at the credit of the staff. In additional to the above a faculty members is eligible for 10 days OD to participate in Conferences, Seminars, workshop, etc., including paper presentation. The principal shall have the right to cancel the any type of leave (CL/EL/OD/VL) sanctioned earlier, for any emergency work in the college. MEDICAL FACILITIES: The College is running a Medical Center inside the campus and a Registered Medical practitioner will be visit the medical center as and when required. The college provides a vehicle for the purpose of taking the patients when needed to the nearby hospital at Machilipatnam
Industry Interaction / Collaboration	SVIET Industry institute interaction cell performs the following functions i. To encourage the students to participate very actively in organising and conducting various workshops and training in the college. ii. To motivate the students to actively participate in various events and hackthon competitions outside the college. iii. To develop the team spirit among students. iv. To make the students aware about the latest technologies used by the industry for their career growth. v. To sort out any industry institute interaction related issues. vi. To schedule events/planner for the academic year in consultation with the Student's representative and management.
Admission of Students	ADMISSION PROCEDURE: Undergraduate Programmes (UG): The admission into undergraduate engineering programmes (B.E) for all the branches of study are made as per the relevant Rules of the Govt. and norms/guidelines of the State Council of Higher Education: 70 of seats i.e., "Category-A" seats (based on the rank obtained in state level entrance examination-APEAMCET) will be filled by the Convener, APEAMCET. 30 of seats i.e., "Category-B" seats will be filled by the management as per the relevant rules of the State Govt. and guidelines of the State Council of

Higher Education issued from time to time. Admission to the second year of 4-year B.E Degree (Lateral Entry) Programme in Engineering: Seats up to 10 of the sanctioned intake of each programme of undergraduate course shall be filled by the Convenor, APECET as lateral entry admission into second year of B.E programme based on the merit ranks obtained by the students in APECET (State Level Common Entrance Test). Spot Admission Procedure for B.E. 4 year Course: Any seats left vacant in the convener quota, will be filled by the institution based on the guidelines given by Convener APEAMCET. Procedure: The College issues an advertisement after necessary approval. The spot admissions will be made according to the guidelines issued from time to time by Convener APEAMCET. All admissions made at institution level (Spot Admissions and Category-B) are subject to approval of competent authorities. Spot Admission Procedure for B.E Lateral Entry Admission will be made based on the guidelines issued by the Convener APECET Procedure: The College issues an advertisement after necessary approval. The spot admissions will be made according to the guidelines issued from time to time by the Convener APECET. All admissions made at institute level (Spot Admissions) are subject to approval of competent authorities.

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

E-governace area	Details
Planning and Development	The academic planning is done with class timetables and lesson plans. Every faculty prepares for their own course and uploads in the ERP-ECAP software for the students and other stakeholders to view and prepare accordingly. These timetables can be viewed day wise, course wise and lab theory wise. Attendance will be uploaded by the concern faculty after the class is completed such that absentee reports can be generated like period wise, course wise and daily. Student Feedback is taken online twice in a semester and reports can be observed for faculty wise and course wise. The following features in ERP were used in Academics Module: o Attendance Marks Entry by Faculty. o

	Students' Attendance Analysis. o Student's Complete Profile in one single screen. o Analysis of Teaching Plan and Topics Covered. o Upload of Resources like notes, CO's, other teaching aids etc for students. o Messages/Assignments by Faculty to Students o Students Feedback against Faculty. o Attendance Shortage Notices to Parents. o Time Table Faculty Teaching Assignments. o Faculty Workload o Faculty Adjustments o Students Promotion Detention.
Administration	In the ERP software Programmes and Courses can be added or removed based on regulation changes. Different user levels and different permissions / roles can be assigned to users. Backups will be taken periodically. The following features in ERP were used in Administration Module: o Creation of Departments, Courses and Branches. o Fees for courses along with Due Dates Fines. o User Levels with Access Rights on modules. o Mapping Users to User Levels. o Backup and Restore Data. o Track staff Logins and Resetting Passwords. o Complaints/Suggestions Received from Students/Staff o Setting Academic Calendar. o Data Backup Restore.
Finance and Accounts	Fee dues/payments can be identified in detail like: detailed or total and also date wise, receipt wise and fee type wise. The following features in ERP were used in Fee Module: o Fee Collection Receipt Printing. o Course/Batch/Student wise Fee Dues. o Fee Concessions. o Fee Reminders to Parents. o Tracking Fee Reimbursement from Government. o Reports.
Student Admission and Support	It can extract admission details gender wise, category wise, year wise, branch wise and semester wise. Hostel occupancy details and room wise occupancy can be monitored easily. The following features in ERP were used in Admission Module: o Import of Students data from Excel Sheet. o Admission Register o Castes Sub Castes. o Re Admission of Detained students. o Scholarship Students. o Generates 10 digit Roll Numbers for Students. o Division of Students into Sections. o Reports. The following features in ERP were used in Hostel Module: o Application for Admission into Hostel.

	o Student Registration. o Rooms Room Allotment. o Hostel Dues o Reports
Examination	Results of students can be viewed all stakeholders by students wise, semester wise and subject wise also. Toppers list for every semester and all semesters can be displayed. The following features in ERP were used in Exam Module: o Entry/Upload of External/Internal Exams Marks. o External/Internal Marks Analysis Reports. o Progress Reports Attendance Reminders. o Supplementary Detained Students. o Reports.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	J.V.N. Raju	Nill	CSI	2360
2019	A.pavan Kumar	Nill	CSI	2360
2019	M.Nagavamsi	Nill	CSI	2360
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	faculty orientation program	Nill	17/04/2020	21/04/2020	15	Nill
2019	Nill	Training Program Arduino and its Applications	06/09/2019	06/09/2019	Nill	3
2019	Nill	Demonstration program on Heat Transfer lab	19/09/2019	19/09/2019	Nill	3
2020	Nill	Hands on session on dataa Science	12/03/2020	13/03/2020	Nill	5

| 2020 | Nill | Demonstartion of Power Electronics Lab and Electrical Measurements Lab Equipments | 10/01/2020 | 10/01/2020 | Nill | 2 |
| 2020 | Webinar on 5G and its Applications | Nill | 28/05/2020 | 28/05/2020 | 15 | Nill |

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Digital image processing using MATLAB	1	24/04/2020	27/04/2020	4
Mixed signal design VVIT	1	04/11/2019	15/11/2019	12
Arduino PSCMRCET	1	29/04/2020	03/05/2020	5
Modern research trends in communication, sign al processing and VLSI MEMS. Andhar Loyola institute of Engineering and technology	1	19/05/2020	23/05/2020	5
Machine learning using python K.L.University	1	20/04/2020	23/04/2020	4
Research Challenges and Opportunities Post COVID-19 Sri vasavi Engineering College,Tadepalligudem	1	04/05/2020	09/05/2020	6

| Internet of Things APSSDC | 1 | 18/05/2020 | 30/05/2020 | 13 |
| Advance image processing Techniques Skill to hire | 1 | 01/05/2020 | 14/05/2020 | 14 |

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
72	72	18	18

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Provident Fund: The College contributes to the Employee Provident Fund 2.ESI facility: This Social Security and Health Insurance Scheme is provided to all those employees whose monthly income is below Rs.20,000/-. 3. Special Leaves on Special Occasions 4. Maternity Leave is provided to all the deserving women employees.5. Financial assistance for skill up gradation 6. Lunch facility in the canteen at subsidized cost 7. Covid-Leave is provided to all the deserving employees	1. Provident Fund: The College contributes to the Employee Provident Fund. 2. ESI facility: This Social Security and Health Insurance Scheme is provided to all those employees whose monthly income is below Rs.20,000/-. 3. Free uniform is provided to all the deserving women employees.4. maternity Leave is provided to all the deserving women employees.5. Financial assistance for skill up gradation. 6. lunch facility in the canteen at subsidized cost. 7.Covid-Leave is provided to all the deserving employees.	Accidental Insurance

6.4 – Financial Management and Resource Mobilization

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

SVIET has well defined mechanism to monitor effective and efficient use of available financial resources. The Institute has a system of internal and external audit. Internal audit may evaluate on improve the effectiveness of risk management and governance processes in the institutions. On the other hand an external audit is carried out by independent auditor in accordance with the law. The institution follows a well defined financial policy for effective and optimal utilization of financial resources for academic and administrative purpose. The budget is prepared well in advanced by taking into consideration the financial requirement of every department. Qualified Internal Auditor have been appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial. In the institute, both internal and external audits are conducted regularly. Internal Audit: Internal audit were conducted every quarter by the

accounts officer who looks after the acounts on day basis. The Chartered Accountant hired by the college verifies all the financial transtraction and statements and submits the report half yearly. The internal auditor verifies to their satisfaction whether each transaction is properly accounted for and recorded in appropriate books and proper procedure is adopted for purchases etc. External Audit: Every year by the end of the financial year, the concern external audit verifies all the documents of budget, allotment and utilisation and prepares the required financial documents to be submitted to the management and to the respective government agencies. Apart from that they prepare the financial statements for the submission of IT returns. Besides these, the Admission and Fee Regulatory Committee(APHMERC) by the state government goes through the audited statement thoroughly with the help of competent auditors and the fees is fixed based on the expenses incurred by the institution after a personal interview with the management and the principal. At the beginning of the financial year the draft budget is prepared and put up before the Finance/Budget Committee. After that it is placed in front of CAC before it is placed in front of the Governing Body for approval. Apart from the student fund utilization and revenue and contingency expenditure, emphasis is given for utilization of the development fund on infrastructure development. It may be noted that the state government pay the fees (through reimbursement) to all eligible students admitted into the college. Thus, the receipts are very transparent.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	Nill

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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	JNTUK, Kakinada	Yes	IQAC
Administrative	Yes	JNTUK, Kakinada	Yes	IQAC

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

1. General Parent Teacher and Students for First year students. Regular parent-teacher meet to discuss about the educational progress of the students. 2. Suggestions regarding academic and administrative reforms are heartily welcomed and implemented. 3. Parents are always extending their supportive hands.

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

1. Technical Training Program on Arduino and its applications 2. Demonstration program on Heat Transfer lab 3. Hands on session on dataa Science with R Programming 4. Demonstartion of Power Electronics Lab and Electrical Measurements Lab Equipments

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

1. Improved Teaching - Learning process by implementing Outcome Based Education (OBE). 2. Developed Lab infrastructure.3.Teachers are encouraged to engage themselves in various research oriented activities. 4. Initiative has been taken to start a New courses i.e. CSE (Artificial Intelligence Machine Learning)

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Training on Teaching Methodologies to improve Lesson Plan Quality	16/07/2019	16/07/2019	16/07/2019	75
2019	Installation of CCTV camera for overall security of the college.	07/03/2019	07/03/2019	07/03/2019	31
2019	Registration of Alumni Association.	14/06/2019	14/06/2019	Nill	303
2020	Initiation of Unnat Bharat Abhiyan Activities Household survey in villages Art hamuru,Munju luru	04/12/2020	04/12/2020	04/12/2020	100
2020	Blood Donation Camp in association with Red Cross	17/12/2020	17/12/2020	17/12/2020	90
2019	Training on "Research Methodologie s" for	14/02/2019	14/02/2019	14/02/2019	90

Publication Improvement by Dr. E Suresh Babu, NIT Warangal				

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness Program on legal rights by shakthi Team	23/07/2019	23/07/2019	150	Nill
International Women's Day celebrations	07/03/2020	07/03/2020	120	Nill

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

Percentage of power requirement of the University met by the renewable energy sources
0

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	Nill
Scribes for examination	Yes	Nill
Any other similar facility	Yes	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	14/12/2019	8	School Education Dropouts	Litteracy rate improvement	103
2019	1	1	15/12/2019	8	Cultural programs	Entertainment	103
2020	1	1	24/02/2020	8	Inauguration to the camp	Cleanliness	56

2020	1	1	25/02/2020	8	Conducting Awareness Program on Plastic Bag Ban Awareness Rally	Pollution free	56
2020	1	1	26/02/2020	8	Conducting awareness on Digital Transactions	Security and for digitilation	56
2019	1	1	09/12/2019	8	Inauguration to the camp and Swatch Bharat in the camp	Cleanliness	103
2019	1	1	10/12/2019	8	Conducting Awareness program on plastic bag ban Awareness rally on Blood Donation,	Pollution free	103
2019	1	1	11/12/2019	8	Blood Donation camp	For donating blood	103
2019	1	1	12/12/2019	8	Awareness Rally on Environmental protection	Pollution free	103
2019	1	1	13/12/2019	8	Plantation program	Greenliness	103

(Note: top of page shows continuation "and Swatch Bharat in the camp")

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)

Academic Hand Book	02/07/2019	This hand bookdistributed to all UGdepartments in SVIET. Therules and regulationsdescribes about creditand semester system, feeschedule, anti-raggingregulations. The learningresources andinfrastructure includes SVIET librarysystem, computing centre, Department wise researchinfrastructure, graduateattributes, disciplinary boundaries

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
An awareness programme on Role of Professional Ethics instills the student to maintain Ethical conduct	26/06/2019	26/06/2019	92
Professional Ethics Human Values	02/11/2020	02/11/2020	31
An awareness programme on importance of universal values and Ethics for Mechanical Engineers	18/12/2020	18/12/2020	50
Professional Ethics Human Values	22/03/2021	22/03/2021	50
An awareness programme for improving universal values and Ethics at present scenario	23/01/2020	23/01/2020	100
Professional Ethics Human Values	02/11/2020	02/11/2020	116
An awareness programme on role of universal human values in personality development	24/01/2020	24/01/2020	57
An awareness programme on importance of universal values and Ethics for	25/01/2020	25/01/2020	109

Engineers (Studied as a part of Curriculum III-II-CSE)			
Professional Ethics Human Values	22/03/2021	22/03/2021	20

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

Vanam-Manam Conducting Awareness program on plastic bag ban Water Management – Waste Water Recycling and Rain-Water Harvesting. There are seven water harvesting pits on the campus. Swatch Bharat in the camp Plantation program.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1.Title of the Practice: Emphasis on Practical Skills 2. Objectives of the Practice: a. Learning by doing b. To make the students fit in the real world c. Productive use of theoretical knowledge d. 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 them 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 3. 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. 4. 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 skills during their studies. All over the country most of engineering students give priority to certificate than to enhance their skills. Sri Vasavi Institute ofEngineering Technology is among those few colleges which provide allfacilities to the students' development. An environment is maintained where allthe students can get practical skills. College creates innumerable opportunities tothe students to acquire practical skills because it believes assessing practicalskills is very important to build the career of the students. In order to bringchange in the skill levels of the students various programs were conducted likecompetitions, workshops, presentations and organizes guest lectures to make thestudents familiar with

the working principles of the corporate world. Collegearranges training classes with on campus and off campus faculty to enhancepractical skills of the students. Sometimes students are also involved in researchactivities and projects to sharpen their skills and get exposure with the work. SriVasavi Insititue of Engineering Technology strives to send students toindustries to know what practically they have to do after completion of theirgraduation. College conducts number of motivation classes to the student toencourage them to focus on their practical skills along with the theoreticalknowledge. It has introduced additional experiments to the numberrecommended by University in all laboratories. Students are encouraged to do experiments in laboratories which are beyond the syllabus. To improve the skills of students,the management has provided 1:1 systems in computer labs, 1:3 equipment inelectronics labs.Students are allowed to do additional experiments even after the collegehours or whenever they are free. Mere curriculum knowledge does not preparea student to the real word. Enhancing skills, attitudes and personality areadditional ingredients for a student to succeed. Sri Vasavi Institute ofEngineering Technology consists of Microsoft Innovation Centre and ourstudents are elected as Microsoft student partners and Microsoft StudentAssociates. 5. Evidence of success: The following are some of the evidences of this practice. The pass percentage of lab related theory courses has been increased. 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. 6. Problems Encountered and Resources Required: Imparting practical skills to the students is not a small job because it requires 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 measure of success. This is done after there is a comparison betweenoutcomes, aims, and objectives. This eventually leads to a summative assessment ofcurrent practices within the college, then informs on the future planning for bothlearning and teaching. Monitoring system helps in providing a consolidated source ofinformation showing the progress of the college. 3. Contest: 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 andimproving. Effective monitoring system can best be achieved through record keeping and proper reporting systems, to find out whether a student is attending the classesr egularly or not and he/she is being spent according to plan or not. This also helps infiguring out whether the teaching method in the school is delivering up to the desired educational results.The faculty can do an assessment of the behavior of the student to identify theare as 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 and accountability into practice which leads to college improvement. Effective monitoring and evaluation can be achieved through record keeping and proper reporting systems, to find out whether the college resources are being spent according to plan or not. College management team will have better means to learn and improve from past experiences. Improvement in planning, and better allocation of resources can be done 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 teachersand the students. The college management and the teachers can access data that can be used to give guidelines on how to improve the performance of the students.Monitoring and evaluation help in future planning of the college. The college management plans on the areas to fill the gaps and 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.

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

http://www.sviet.edu.in/public/pdfs/7.2.1Best%20Practice.pdf

7.3 – Institutional Distinctiveness

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

College is sustained in the present difficult situation of having less admissions in engineering education. College is accredited with NAAC 'A' grade and All eligible departments ECE,CSE and MECH departments have been accredited with NBA Our college is the first college to get NAAC 'A' grade accreditation with new norms among all affiliated colleges of JNTUK, Kakinada. Our college is one of the good colleges among those which got NBA accreditation for all eligible departments. 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. e-Yantra is Sponsored by MoE under the National Mission on Education through ICT program.IIT Bombay envisages the "e-Yantra" platform to harness the intellectual talent of young India to create utility based robotic applications for usage across variety of applications such as agriculture, manufacturing, defence, home, city maintenance and services industries.In our college the students of all years and all branches actively participate in various innovative challenges conducted by e-Yantra and proved their innovative ideas by preparing the various prototypes. Some of students appreciated for their effort by cash award and appreciation certificates from e-Yantra,IIT Bombay. Various individual departments making MOU with industry to have institute industry interaction and providing training, skill up gradation to get placements. Faculty members are encouraged to attend workshops on universal human values and there by imparting moral values, ethics human values to the budding engineers.

Provide the weblink of the institution
http://www.sviet.edu.in/public/pdfs/7.3.1%20Institution%20distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

Plan of action for the next academic year: 1. Centre of excellence establishment for all departments. 2. Achieving good rank in NIRF ranking 3. Achieving good rank in Atal ranking 4. Upgrade to Autonomous College 5. Upgrade to Deemed University 6. Deploying 100 faculty for Faculty development programs. 7. Encourage the faculty for Ph.D registration. 8. To strengthen the RD Activites 9. Applying for Funding projects of various government bodies like AICTE, DST, etc., 10. To increase alumni interaction with the students 11. To establish the industry interaction with students 12. To strengthen the Alumni Association 13. To improve the quality of paper publications in journals. 14. Motivate the students and faculty regarding the patent publication 15. Increasing the number of MOUs with industries. 16. Establishment of Incubations, Startups. 17. Strengthening the Performance Based Appraisal System (PBAS) 18. Developing the e-content. 19. To introduce job-oriented and skill based courses. 20. To identify talent among students for various sports and cultural activities. 21. To encourage and facilitate a research culture by promoting interdisciplinary research both by the students and faculty members.