



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Dr V Surendra Reddy
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	09705576693
Mobile no.	9490021919
Registered Email	principal_svcet@yahoo.com
Alternate Email	vsurendra.cse@gmail.com
Address	NH-16, Etcherla, Srikakulam-532410.
City/Town	Srikakulam
State/UT	Andhra Pradesh
Pincode	532410

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Sri R V L S N Sastry
Phone no/Alternate Phone no.	09490947188
Mobile no.	9490947188
Registered Email	csehod.svcet@gmail.com
Alternate Email	csehod@svcetcherla.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://svcet.info/news/AQAR-2018-19.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://svcet.info/news/cal2018-19.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.08	2016	11-Jul-2016	10-Jul-2021

6. Date of Establishment of IQAC	11-Jul-2016
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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
Participation in NIRF	21-Oct-2019 10	10

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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 Venkateswara college of Engineering and Technology	Unnat Bharat Abhiyan	MHRD	2020 365	500000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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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)

Organization of workshop

"E-content: development by faculty and uploading

Encourage Teaching Staff to attend various seminars/workshops etc.

Recommend to increase numbers of journals, newspapers magazines in college library.

Encourage and guide teaching staff to write research papers, book/chapters in books etc. allow them to access various libraries/academic centres for collecting data and review of related literature.

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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	Achievements/Outcomes
ONLINE GATE PASS SYSTEM USING CMS	Paper less communication and approval
FACILITY IMPROVEMENT - RO WATER AVAILABILITY	Health and Hygiene
ACADEMIC AUDIT FACULTY DRIVEN MODEL	Faculty Skill enhancement
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14. Whether AQAR was placed before statutory body ?

No

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

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

29-Jan-2020

17. Does the Institution have Management Information System ?

Yes

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

The college has a welldefined Management information system in place. Details regarding curriculum updates, information related to cocurricular and extracurricular activities, teaching learning process and faculty up gradation etc. are collected and reviewed periodically. The following information is collected from departments on monthly basis. i) Students regularity and counselling activities ii) Class work conduction and syllabus coverage details iii) Student performance in mid/semester/supplementary examinations iv) Faculty attending workshops/FDP/SDP/Conferences v) Value added courses and response vi) Infrastructural facilities up gradation/ creation vii) Out reach programs/ NSS activities/ extension services by students MIS for month of:

Department: Faculty related o No. of faculty attended STTP o No. of faculty attended conferences o No. of faculty presented papers o No. of FDPs/ conferences organized o No. of faculty registered for add on courses o Memberships enrollment o Professional society activities Students related o Number of students attended Tech fest/workshop o No. of students received prizes o Number of students represented in extracurricular activities o University representation in games etc. o Membership enrollment o Professional society activities Infrastructure related o Updation of labs o Internet facilities updating o Library books up gradation Extension services related o Blood donation camp organized o NSS events organized o Tree plantation services o Awareness programs organized • Improving teaching and technical skills of faculty by organizing quality orientation programmes. • Apart from regular class work remedial classes were arranged for slow learners while Examination period. • The college is moving towards a paper free communication to minimize the paper consumption by using OFFICE 365. • Improving social involvement of the students by NSS programmes. • Increasing placement opportunities for students by placement training and conducting CRT classes.

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

Sri Venkateswara College of Engineering and Technology (SVCET) is affiliated to JNTU Kakinada and follows the curriculum prescribed by the university in a systematic way: Before the start of every academic session, Principal along with the Director conducts meeting with Heads of all the Departments and finalize the Academic Calendar in alignment with the university schedule. Subjects are allocated to the faculties based on their subject expertise and interests well in advance. 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. The university provides the syllabus with evaluation schemes and course objectives for every course. Faculty follows the evaluation scheme mentioned in the syllabus for each course. Course Objectives and Course outcomes of the subjects in accordance with the university prescribed syllabus are decided by the respective subject in charge in consultation with the HOD. Teaching plan and

the assignments for the semester are prepared by the respective subject in charge before the start of the new semester. Performance of the students in laboratory experiments are timely assessed and graded according to the performance indicators. Depending on the evaluation scheme, two class tests for 50% and 50% syllabus are conducted per semester taking in to consideration the COs defined for each course to evaluate the students. The result analysis of the internal assessment is done and proper measures are incorporated to improve the performance by arranging remedial classes for the weaker students and giving additional assignments/tasks to the brighter students. 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, PowerPoint presentations, projects, case studies, surveys etc are being conducted. Guest lectures are regularly arranged to bridge the gap in the prescribed curriculum. A meeting is conducted at the end of the semester to conclude the academic session. 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 do final year projects in industries thereby giving them the exposure to the recent trends in industries. Students are encouraged to undergo industrial internships and industrial visits during vacation periods. Students are given training in various software 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 citizens. Seminars, value added courses and industrial visits are arranged to enrich the curriculum.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
DATA SCIENCE WITH PYTHON	Nil	15/05/2020	30	Employability	PYTHON CODE DEVELOPING
CHRONIC KIDNEY DISEASE ANALYSIS	Nil	09/06/2020	30	Employability	MACHINE LEARNING
SMART HEALTH MONITORING SYSTEM USING IOT	Nil	23/06/2020	30	Employability	IOT
EMBEDED SYTEMS AND ITS APPLICATIONS	Nil	03/09/2020	20	Employability	EMBEDED SYTEMS
Communication skills	Nil	16/05/2020	7	Entrepreneurship	Communication
Introduction to polymers	Nil	20/05/2020	7	Entrepreneurship	Polymer concepts

Software development	Nil	29/05/2020	7	Employability	Software development life cycle management
Know your career	Nil	24/06/2020	7	Entrepreneurship	Career development activities
IOT-ML-Deep learning-AI	Nil	09/12/2019	7	Employability	Cutting-Edge Technologies
Python Programming for Everyone	Nil	28/05/2020	6	Employability	Cutting-Edge Technologies

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Programming for Problem Solving using C (II-II) ES1201	27/01/2020
BTech	IT Workshop (I-I) ES1105	26/08/2019
BTech	Fundamentals of Computer Science(I-I) ES1112	26/08/2019
BTech	Artificial Neural Networks(IV-II)	18/11/2019
BTech	Operations Research(IV-II)	18/11/2019
BTech	Concurrent and Parallel Programming(IV-II)	18/11/2019
BTech	Managerial Economics and Financial Analysis(IV-I)	10/06/2019
BTech	Scripting Languages(IV-I)	10/06/2019
BTech	Web Technologies(IV-I)	10/06/2019
BTech	Digital Logic Design (II-II) ES1213	27/01/2020
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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	Management Science	18/11/2019
BTech	Internet of Things	18/11/2019
BTech	Mobile Computing	10/06/2019
BTech	Software Project	10/06/2019

	Management	
BTech	Operations Research	18/11/2019
BTech	Waste Water Management	18/11/2019
BTech	Urban Transportation Planning Engineering	18/11/2019
BTech	Ground Improveemnt Techniques	10/06/2019
BTech	Ground Water Development	10/06/2019
BTech	Green Engineering systems	18/11/2019
BTech	Non Destructive Evaluation	18/11/2019
BTech	Additive manufacturing	10/06/2019
BTech	Advanced materials	10/06/2019
BTech	Instrumentation	10/06/2019
BTech	Special Electrical Machines	10/06/2019
BTech	Energy Auditing & conservation and management	18/11/2019
BTech	FACTS	18/11/2019
MBA	Cross Cultural Management	16/09/2019
MBA	Lean Management	16/09/2019

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

	Certificate	Diploma Course
Number of Students	366	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Communicative English	05/08/2019	360
Skill Enhancement Training	08/07/2019	120
Arithmetic Resoning Course	03/07/2019	190
CRT Course	02/12/2019	156
C Programming	10/06/2019	104
Web Designing with PHP MySQL	10/06/2019	61
Communicative English	05/08/2019	60
Behavioral Traning	07/10/2019	160
Tally Accounting Training	01/07/2019	80

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MBA	HR	87
MBA	Finance	30

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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

The development of any institution heavily depends upon a well-functioning feedback system. It requires a thorough preparation to initiate, launch and implement the feedback system. SV CET has been practicing a feedback system accommodating all the stake holders including staff, students, alumni, employers and parents, to help the individuals and organization as a whole, to improve the performance and effectiveness. Feedback is collected at departmental and institutional level in which the views on the curriculum, teaching schedules, teaching tools, and student assessment outcomes are discussed for taking improvement measures. STUDENT: The student's feedback on the staff finds a place in the performance appraisal system of the individual faculty member and the same is evaluated for the sanction of increments and additional increments. The feedback from the students is obtained at the end of the chapter/ term and overall department at the end of the year. When the feedback of a faculty is not encouraging, a structured "Performance Improvement Plan" is there in the institution with the help of which the concerned faculty is counselled by the Head of the Department to improve their performance. FACULTY: The institution has made it a practice to conduct all faculty meeting, periodically, where the ways and means of enhancing the curriculum, academic discipline, Teaching Learning process, Research and Extension activities are debated and discussed. The appropriate suggestions are put forward to the respective departments for implementation. ALUMNI: As the alumni is found to be the brand ambassador(s) of our institutions, the feedback of the alumni is taken with due considerations. Our institution enjoys a strong and healthy association with the Alumni. A formal exit feedback is conducted by the Alumni association regularly at the end of completion of internship at the institution. The consolidated feedback report is forwarded to the Principal for taking cue of the positive performances and scope for improvement. PARENTS: As an important stake holder of this system, the parent feedback is also obtained and analysed. Some of the parameters accommodated in the parents feedback, include quality of teaching, students' discipline, sports facilities, lab facilities, examination system, student activities such as transport, library, internet facilities, Wi-Fi etc. The parents of the students whose performance in the continuous assessment test is poor are counselled individually and their

feedback are also give due consideration. **FEEDBACK ON STUDENTS:** The undergraduate and postgraduate students are evaluated through regular class tests, periodical assessment test, model examination and by conducting seminars and extempore lectures. All internal examinations are conducted similar to the university pattern of questioning and environment which enhances the students' adaptation and the model examination at the end of the year is a rehearsal for the final examination. All the internal examination marks are analyzed by the subject and course in charge and the students are graded according to the marks obtained. The student difficulties are received discussed and structured remedial classes are conducted in order to help the student to progress. All the students are counseled by their respective mentors along with subject teachers.

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	CE	60	72	32
BTech	EEE	60	45	15
BTech	ME	120	72	38
BTech	ECE	120	79	42
BTech	CSE	60	103	64
Mtech	POWER ELCTRONICS	18	9	4
Mtech	CONTROL SYSTEMS	18	5	Nil
Mtech	VLSI DESIGN	18	11	3
Mtech	THERMAL ENGINEERING	18	22	11
Mtech	CSE	18	6	1

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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	297	119	86	30	116

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

116	116	21	12	12	10
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

The system of the student-counselor is established to monitor the needs and activities of the students. The counselor monitors very closely the academic output and the other concerns of the students. Once in a week, the hour of the consultancy is observed positively to redress the grievances all pertaining to academic, social, parental, co-curricular and extra-curricular issues if any. The students are allowed to an open talk with the counselor and their problems are listened to in a non-judgmental manner and latter, the necessary measures are taken up to attend the problems reported. Now and then, the counselors set the both academic and social goals for the students, and facilitate and guide them to achieve. The system also involves resolving the conflicts, may be among the students or sometimes, between the faculty and students or the students and other stakeholders. The system is very crucial to resolve such conflicts. Furthermore, the counseling system organize conferences to address current issues that affect the student community to create necessary awareness or work with teachers on academic and non-academic activities. A specific strategy is followed to identify the undisciplined and disobedient students while the class room interaction is ongoing. The merit of this strategy is that it helps the faculty to identify both the student's actual learning and behavioral altitude, and also their relation and response to the co students and the peer groups. Our mentoring system is confined to the identification of only the undisciplined students but also to the rest of the other students in all classes of all branches, because some students out of their inhibition or modesty may not express their needs or necessities or problems. Hence our mentoring system helps to the students as a whole. Whenever it is necessary, the Principal, the parents, and the HOD concerned, all involve in the entire process of counseling. All together monitor the behavior of student during his stay in this institute and is properly guided and molded to be successful. Moreover, once in a month all HODs, staff and the Principal of the college conduct reviews about smooth functioning of mentoring system and its responsibilities and achievements.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1282	116	1:11

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
24	24	Nil	24	1

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Nil	Assistant Professor	Nil

[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

MBA	PG	2-2	11/12/2019	07/02/2020
Mtech	PG	2-2	11/12/2019	07/02/2020
BTech	UG	4-2	31/08/2020	10/10/2020
BTech	UG	3-2	26/10/2020	31/12/2020
BTech	UG	2-2	29/10/2020	10/12/2020
BTech	UG	1-2	19/11/2020	22/12/2020
BTech	UG	4-1	20/11/2019	03/12/2019
BTech	UG	3-1	07/11/2019	10/01/2020
BTech	UG	2-1	06/11/2019	02/01/2020
BTech	UG	1-1	29/01/2020	23/06/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Performance of a Student In Each Semester Shall Be Evaluated Subject Wise With A Maximum Of 100 Marks For Theory and 75 Marks For Practical Subject. The Project Work Shall Be Evaluated For 200 Marks. For Theory Subjects, The Distribution Shall Be 30 Marks For Internal Evaluation and 70 Marks For The End Examinations. For Theory Subjects, During The Semester There Shall Be two Tests and assignments will be given which are evaluated for 5 marks. Each Test Consists Of 20 Minutes Duration Objective Online Examinations For 10 Marks and 90 Minutes Duration Subjective Examinations For 30 Marks. The Objective Examination Marks are scaled to 5 marks, Subjective Examination Marks Scaled for 15 and the assignment marks are averaged to 5 marks and all these are to Be Added To Get Test Marks For 30. Then 20 of the marks which is lesser out of those two tests and 80 percent marks of the test in which the student acquires more than the other test will be taken and scaled to 20 marks and the online Of The Two Tests Will Be Taken For Internal Marks (Considered As Final Internal Mid Marks). The First Test to be Conducted On 13 Units Second test to be Conducted On 46 Units Of Each Semester. Each Objective Question Paper Shall Contain 20 Objective Type Questions For 10 Marks. These Examinations Are Conducted Online To Train The Student For Other Online Examinations Such As GRE, GMAT, Etc.,

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

The institution ensures effective time management and timeliness. It receives the university given timeline and adheres to it. In the beginning of the academic year, academic calendar is published by the University for Respective Course. The college carries out effective planning to stick to academic calendar. This allows the teachers and the students to space out their teaching and learning and regular assessment of the same. Following the university calendar, every department creates internal calendars to ensure timely delivery of syllabus. Every teacher follows a strict agenda that is discussed and approved by the head of their respective department. This is followed by deducing a day to day division of topics and chapters. These topics and chapters are chosen keeping the upcoming CIE in mind. The timeline created allows for the students to complete the given syllabus in enough time. The students are given plenty of time before the examinations as well to prepare and practice their concepts. In case of any required change, the university communicates the modification to the college and the college enforces the same. In any condition, the academic calendar is followed and respected by teachers of all departments. The college conducts assessment to the students in three different components theory, objective and assignments. The theory component is

marked out of ten. The objective component is marked out of 10. The assignment is marked out of five. These tests are conducted in evenly spaced out intervals to avoid pressuring the students with too many examinations. Every academic year consists of two semesters. Each semester is to be of 16 weeks. The first Continuous Internal Examination (CIE I) also known as MID I along with the Lab Internal 1 is conducted after 8 weeks of class work. CIE II (MID II) and Lab Internal II are conducted after 16 weeks of class work. Within the above mentioned 8 weeks of class work, the concerned syllabus is taught to the students. They are then tested on the same material. An average of both these examinations is calculated to attain the final internal marks of the student. These marks are also vitalized to decide the course of nature for teaching slow students and rectify their performance before the external examination. All question papers are set based on the OBE format. They are mapped with their respective course outcomes that are stated in the beginning of the course. The assignments given to the students involve unaddressed program outcomes. This helps the students attain knowledge beyond the syllabus as these topics are not covered by the exams conducted by the university but are still relevant. These assignments are given within a set timeframe. The students are to complete them within the time given to adhere to the university's timeline.

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)

<http://www.svcet.info/pgo.html>

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
01	BTech	CE	41	22	53.65
02	BTech	EEE	36	19	52.77
03	BTech	ME	69	29	42
04	BTech	ECE	29	12	41.37
05	BTech	CSE	37	29	78.37
95	Mtech	CONTROL SYSTEMS	2	1	50
72	Mtech	VLSI DESIGN	3	2	66.6
21	Mtech	THERMAL ENGINEERING	4	1	25
58	Mtech	CSE	2	1	50

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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://svcet.info/sss.html>

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	90	SVCET	20000	20000
Any Other (Specify)	365	MHRD	500000	500000
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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
SKILL DEVELOPMENT WORKSHOP ON ART OF SCIENCE AND RESEARCH WRITINGS	CSE	14/03/2020

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
BEST RESEARCH AWARD	Dr V. SURENDRA REDDY	SSRN-ELSEVIER	14/03/2020	RESEARCH
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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
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	14	0

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

Name of the Department	Number of PhD's Awarded
CSE	1
HBS	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)
National	ECE	6	6.2
International	EEE	7	4.66
International	MECH	3	5.25
International	CSE	17	4.3
International	CIVIL	6	3

International	ECE	2	3
International	BSH	2	3
International	MBA	4	2.72
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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
MECH	5
CIVIL	1
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
Intelligent monitoring device for Elevator	Mr. P.Mo hankrishna Mrs.G.M.An itha	Patent A pplication publicatio n(19) india 2019 41052209A	2020	0	Patent A pplication publicatio n(19) india	1
Design of area efficient hybrid MAC Unit	Mrs.G.M. Anitha	IJAST	2020	0	IJAST	1
Hardware Accelerator Design Approach for CNN-based Low Power Applications	Mrs. Revathi Pogiri	IJITEE I SSN2278-30 75	2019	0	SCOPUS	1
Network Security Improved Analysis in Cloud Computing	Dr.V. Surendra Reddy	ISSN: 0193-4120 TEST	2020	2	SCOPUS	1
A Novel Technic of Image Denoising from CCTV User Super Pixel	Dr.V. Surendra Reddy	ISSN: 0193-4120 TEST	2020	2	SCOPUS	2
Attribute-Based	Dr.V. Surendra	ISSN: 2005-4238	2020	2	SCOPUS	2

Access Control Policies in Cloud Computing	Reddy	IJAST				
Understanding Brief Thesis By Reaping And Evaluate Semiology Insight	Dr.V. Surendra Reddy	ISSN: 2005-4238 IJAST	2020	2	SCOPUS	2
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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
No Data Entered/Not Applicable !!!						
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	21	35	11	15
Presented papers	13	2	Nill	Nill
Resource persons	1	2	Nill	1
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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
World Waters Day	SVCET COLLEGE NSS UNIT	10	200
Blood Donation Campaign	SVCET COLLEGE NSS UNIT	10	150
Womens Day	SVCET COLLEGE NSS UNIT	10	350
Impact	SVCET COLLEGE NSS UNIT	10	400
Plantation Day	SVCET COLLEGE NSS UNIT	10	300
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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
No Data Entered/Not Applicable !!!			
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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 activities	Number of students participated in such activities
SVCET COLLEGE NSS UNIT	SVCET COLLEGE NSS UNIT	World Waters Day	10	200
SVCET COLLEGE NSS UNIT	SVCET COLLEGE NSS UNIT	Blood Donation Campaign	10	150
SVCET COLLEGE NSS UNIT	SVCET COLLEGE NSS UNIT	Womens Day	10	350
SVCET COLLEGE NSS UNIT	SVCET COLLEGE NSS UNIT	Impact	10	400
SVCET COLLEGE NSS UNIT	SVCET COLLEGE NSS UNIT	Plantation Day	10	300
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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
No Data Entered/Not Applicable !!!			
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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
Industries for intership	on-the-job training	CENTRE OF EXCELLENCE IN MARITIME SHIPBUILDING NSDRG Gandhigram v isakhapatnam 530005 ph: 7032238283	08/04/2019	08/04/2020	SVCET students
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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
MARITIME SHIP BULDING	08/04/2020	SKILL DEVELOPMENT CERTIFICATE COURSES	125
HIPPO CLOUD	15/02/2019	TRANING OF MBA STUDENTS FOR TALLY	60

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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
8500000	7897240

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
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added

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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
Newgenlib	Fully	NGL core engine version 3.1.5helium	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	21768	4571847	398	213237	22166	4785084
Reference Books	4724	992040	104	55640	4828	1047680

e-Books	150	Nil	50	Nil	200	Nil
Journals	21	64370	21	64370	42	128740
e-Journals	1165	16500	Nil	Nil	1165	16500
Digital Database	Nil	Nil	Nil	Nil	Nil	Nil
CD & Video	545	Nil	10	Nil	555	Nil
Library Automation	1	72390	Nil	12390	1	84780
Weeding (hard & soft)	10	4500	Nil	Nil	10	4500
Others (specify)	Nil	Nil	Nil	Nil	Nil	Nil
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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
Sri Dr P Prasannakumar	Mircosoft stream/Mircosoft class note	Microsoft	02/03/2020
Sri B Parandham	Mircosoft stream	Microsoft	03/03/2020
Sri B Parandham	Mircosoft stream	Microsoft	03/03/2020
Sri A Appalaraju	Mircosoft stream	Microsoft	03/03/2020
Sri A Appalanaidu	Mircosoft stream	Microsoft	03/03/2020
Dr. S Hari Krishna Rao	Mircosoft stream	Microsoft	03/03/2020
G Hareesh	Mircosoft stream	Microsoft	03/03/2020
M. Ravikiran	Mircosoft stream	Microsoft	03/03/2020
Ch. Ramya	Mircosoft stream	Microsoft	03/03/2020
G. Mahendranath	Mircosoft stream	Microsoft	03/03/2020
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	375	340	340	0	0	15	20	65	0
Added	50	50	50	0	0	0	0	40	0
Total	425	390	390	0	0	15	20	105	0

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

105 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
SVCET ftp site	ftp://192.168.1.253
Microsoft Stream	https://web.microsoftstream.com/?auth_u pn=csehod@svcetcherla.com&referrer=https://www.office.com/

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
500000	440000	7500000	7484149

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)

Procedures and policies for maintaining and utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms etc. SVCET College has well documented Policies and Procedures procedures followed for maintaining various physical, academic and support facilities. These are transparent and are very supportive considering augmentation criteria. The college has maintenance committee that oversees the maintenance of buildings, classrooms and laboratories. An eco friendly environment is of prime importance in the college. Adequate in house staff is employed to meticulously maintain hygiene, cleanliness and infrastructure on the campus so as to provide a congenial learning environment. Classrooms, Staffrooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly by Non teaching staff assigned for each floor. • Wash rooms and rest rooms are well maintained. Dustbins are placed in every floor. The Green Cover of the campus is well maintained by a full time gardener. • The campus maintenance is monitored through surveillance Cameras. Maintenance of Lab: The equipment and machineries in the laboratory/workshop are maintained by the lab Incharge(s)/workshop InCharge(s) with the advice of HOD, Principal and Management. • Every department maintains a stock register for the available equipment. • Proper inspection is done and verification of stock takes place at the end of every year. • For computer labs, Lab assistants under the supervision of the System administrator maintain the efficiency of the college computers and accessories. • Proper inspection is done and verification of stock takes place at the end of every year. • Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative office. The requirements are collectively processed in every semester break so as to keep things ready for the new semester. • Optimum working condition of all properties/ equipment on the campus is ensured through annual maintenance contracts (AMC). The AMC purview includes maintenance of Generator, Air Conditioners, CCTV cameras and Water Purifiers. Apart from contract workers, the college has trained in house electricians and plumbers. Maintenance and utilization of the Infrastructure Facilities: The maintenance and upkeep of the infrastructure facilities are carried out with the support of

the heads of the particular infrastructure department. The following is the organizational chart of the departments. Civil Maintenance: The civil maintenance is headed by College management. Supervisors will look after water and sewage, building, carpentry and Gardening with the support of skill workers. Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative office. The requirements are collectively processed in every semester break so as to keep things ready for the new semester. Parking facilities: Parking facility is well organized. The area is demarcated separately for 2 wheelers and 4wheelers. The Parking area is provided with shade for safety of vehicles during rain and shine. Security is provided for controlling and optimum utilization of space. GENSET The College has a noiseless and pollution free Genset, to the convenience and advantage of the students/college community. The generator is maintained by Electrician.

<http://www.svcet.info/news/AQAR4.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	Bus Fee	55	455100
Financial Support from Other Sources			
a) National	Fees Reimbursement	948	36708000
b) International	Nil	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Womens Health Issues	16/09/2019	60	Sri Venkateswara College Of Engineering And Technology
Essay competition on Mahatama Gandhi Life	01/10/2019	150	Sri Venkateswara College Of Engineering And Technology
India Constitution Day	26/11/2019	140	Sri Venkateswara College Of Engineering And Technology
Beti Bacho Beti Pado	24/01/2020	40	Sri Venkateswara College Of Engineering And Technology
Blood Donation Campaign	11/02/2020	140	Sri Venkateswara College Of Engineering And

			Technology and Red Cross
Awareness on Road Safety and Rules	07/03/2020	60	Sri Venkateswara College Of Engineering And Technology and Red Cross
Awareness on Fire Safety	18/03/2020	120	Sri Venkateswara College Of Engineering And Technology and Red Cross
Dr. Ambedkar Jayanthi campaign	13/04/2020	120	Sri Venkateswara College Of Engineering And Technology
Career counseling	12/04/2020	210	Sri Venkateswara College Of Engineering And Technology
Technical communication-I	16/03/2020	130	Sri Venkateswara College Of Engineering And Technology
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Communication skill-I	224	210	120	Nil
2019	Arithmetical verbal and non verbal -I	286	240	160	Nil
2019	CRT-I	217	205	140	67
2019	GATE COACHING	80	20	18	6
2020	Communication skill-II	224	210	120	Nil
2020	Arithmetical verbal and non verbal -I	286	240	160	Nil
2020	CRT-II	217	210	120	67

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	6

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
2	92	38	4	60	22

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Tech	Computer Science and Engineering	Sri Sivani College of Engineering	MBA
2019	2	B.Tech	Computer Science and Engineering	Sri Venkateswara College of Engineering and Technology	M.Tech
2019	1	B.Tech	Mechanical	Sri Venkateswara College of Engineering and Technology	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	11

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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
Volley Ball for Boys	Institute	144
Coco for Boys	Institute	120

Cricket for Boys	Institute	225
Coco for Girls	Institute	96
Throw Ball for Girls	Institute	144
Dodgeball for Girls	Institute	120
Solo and Group Dance competition	Institute	180
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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
2020	nill	Nil	Nil	Nil	nill	nill
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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)

College creates a platform for the active participation of the students in the various academic administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. Its selection, constitution, activities and funding: ? Each council has a representative council, which is called Class Committee and includes student members too. ? The student members bring forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the class. ? The composition of student members is of one topper, one average and one slow learner (the one who has more integrity with other students) of each section are nominated as class representatives, for all the sections from I Year to Final Year. ? The Student Council helps students share ideas, interests, and concerns with lecturers and principal. They often also help raise funds for -wide activities, including social events, community projects, helping people in need and college reform. ? Various programs like paper presentations, workshops and seminars are organized by these bodies every year. We have formed 21 student committees such as: 1. Library committee 2. Cultural Committee 3. College Academic committee 4. Discipline Anti-Ragging Committee 5. Sports Games Committee 6. Public Relations, press Media, Publication Committee 7. RD Consultancy 8. Career Guidance, Training Placements Cell 9. Hostel Committee 10. Canteen Committee /House-Keeping/Hygiene/Sanitation 11. NSS Committee 12. Social Welfare 13. Logistics Committee 14. Arts/Cultural Committee 15. General Maintenance Committee 16. Examinations / Time table/ Admissions 17. Industry Institute partnership cell 18. Website/ICT/Internet Committee 19. Alumini Coordination Committee 20. IQAC 21. Womens Welfare Empowerment cell The funding for various activities of the internal college bodies is provided by the College Management

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

An alumni association is an association of graduates or, more broadly, of former students (alumni). These associations often organize social events, publish newsletters or magazines, and raise funds for the organization. Many provide a variety of benefits and services that help alumni maintain

connections to their educational institution and fellow graduates. Alumni associations are mainly organized around Institutions or departments of universities, but may also be organized among students that studied in a certain country. In the past, they were often considered to be the universities

5.4.2 – No. of enrolled Alumni:

217

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

ALUMNI MEET REPORT On the behalf of Sri Venkateswara College of Engineering and Technology, Srikakulam Alumni Association organized 4th Alumni meet at institute level. Alumni were attended the alumni meet on 10th January 2020 from different department. The alumni meet is conducted every year in order to reconnect with the Alumni and celebrate their success and various achievements.

OFFICE BEARERS OF THE ALUMNI ASSOCIATION S.NO NAME DESIGNATION BRANCH 1 D. Ramya President CSE 2 S. Rakesh Vice- President ECE 3 M. Sai Sudha Secretary EEE 4 Vishnu Prasad Mahanthy Joint Secretary ME 5 V. Alekhya Treasurer MBA 6 K. Gunna Babu Member ME 7 S. Hari Krishna Prasad Member CSE

The detail of this activity report is as follows. When: Date 10th January 2020. Time: 10:00 AM- 01:00 PM. Where: Auditorium. Program Details: • Welcome • A few words by Principal HOD's • A few words by Alumni- The success stories • Vote of thanks is given by Students Coordinator • Photo session • After that at last the alumni enjoyed a sweet lunch arranged in the college canteen • The alumni visited to the respected department

OBJECTIVES OF ALUMNI MEET

1. To provide a forum to establish a link between the alumni, faculty, staff and students of the institute and to help interaction between past and present students of this institute.
2. To contribute towards the welfare of the alumni
3. To bring awareness among students about the career opportunities available in Industries.
4. To create awareness to all year's students with the latest technology and trends in the market.
5. To create awareness regarding the progress of the college and placements and suggestion from Alumni for the academic progress of students and institute.
6. To give opportunity to alumni to express their views about college

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 has a mechanism for delegating authority and providing operational autonomy to all the various functionaries in the institution.

1. Principal Level The Governing Body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal in order to fulfill the vision and mission of the institute. Academic Monitoring Committee formulates common working procedures and entrusts the implementation with the faculty members.
2. Faculty Level Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co curricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tie up with industry experts and appointed as coordinators and conveners for organizing seminars/workshops/conferences/ FDPs. For effective implementation and improvement of the institute different committees are formed to look after ancillary units of the institute like sports, library,

store etc. have operational autonomy under the guidance of the various committees/cells. 3. Student Level Students are Motivated to play an active role as a coordinators of co curricular and extracurricular activities, social service group coordinator Participative management The institute promotes a culture of participative management by involving the staff and students in various activities. Both students and faculties are allowed to express themselves of any suggestions to improve the excellence of the Institute. For the various programs to be conducted by the institute all the staff members will meet to discuss, share their opinion and plan for the event and form various committees involving students and coordinate with others. Staff members are involved in taking decisions pertaining academic activities and in conducting examinations in our college. Staff members are also involved in preparation of annual budget of the institute. They also correspond with the University and AICTE. The principal of the institution is a member of the Governing Body and he acts secretary. The Governing Body extends suggestions and monitors the procurement of lab equipment, introduction of new programs and welfare activities. The Principal of the institution is responsible for academic, nonacademic and administrative activities of the institution. On behalf of the institution, he interacts and corresponds with AICTE,, UGC, Affiliating University, etc., The budget is earmarked in advance so that staff members and students participate in various programs organized by the institute.

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
Library, ICT and Physical Infrastructure / Instrumentation	<p>The Department of Library and Information Centre, Central Library is being headed by Mr.K.SundaraRao.The Library is geared up with updated equipment to meet the academic needs of the faculty as well as the students. The College has a well equipped modern library housed at B block .Total area of the library is 708 Sqm . The books are classified and arranged according to the Dewey Decimal Classification (DDC) scheme and "Open Access" system is followed. The Library has computerized Catalogue .Through "OPAC" (Online Public Access Catalogue) is also available to find out the availability of books. Books are issued to students and staff with barcoding system The Central Library has been functioning since the inception of the college in the year 2008. The Library has a vast collection of 15,583 volumes (Books) with nearly 2,208 Titles in all the disciplines (U.G P.G Courses), Dissertation/Projects, Research Papers and articles spanning over the last eight years. In addition, the Library subscribed ejournals through DELNET</p>

consortia nearly 1165 full text online journals available and 22 printed technical National Inter National Journals subscribed directly from publishers and also 10 General Magazines, 10 Newspapers are available. The Library is fully automated with barcode technology and New GenLib software is being used for bibliography data of books and periodicals for generation of barcodes. The library provides Net based service to the students and faculty. It has OPAC (Online Public Access Catalogue) for 3 systems, kept in the entrance of stock area, exclusively for the users to search the catalogue. Digital Library up graded to 30 systems with WiFi enabled high speed Internet facility side of the entrance of the textbook section in the main hall of the library

Research and Development

Faculties are encouraged to attend workshops, seminars, conferences faculty development programs organized outside the college. Faculties (Faculty) are motivated to pursue research by providing them leave for higher studies, internet connection, library and other facilities. Institute encourages faculty, by giving rewards and appreciation letters to the faculty who are carrying out Research and Development. Faculties are involved in research, contributing research articles in seminars and publishing them in reputed journals. (involved in research have contributed research articles in seminars and have published in reputed journals.)

Admission of Students

A candidate should possess the eligibility of 102 qualification with MPC group from Board of Intermediate, Government of Andhra Pradesh or any other equivalent examination recognized as equivalent there to. •A student to step in four year degree course in Engineering except NRI quota must qualify in Engineering, Agricultural Sciences and Medical Common Entrance Test (EAMCET), a State Level Entrance Test conducted by the Govt. of Andhra Pradesh. Students who qualify in EAMCET entrance test will be admitted strictly on merit basis. •The Convener of EAMCET admits on merit secured in Intermediate or an equivalent examination and based

on the rank secured in EAMCET. •The Management admits candidates for the Management and NRI quota based on merit and should possess first class in Subjects: Mathematics, Physics, and Chemistry. •The Convener of ECET admits 20 of the candidates from the stream of Diploma Holders should pass in diploma from SBTET, Andhra Pradesh or an equivalent examination. •Similarly PG student joins based on PGCET ICET's

Teaching and Learning

Institution has the strategy of planning academic activities, before the beginning of the semester/year. The academic calendar is given by the affiliating University and the faculty prepares work schedule/work plan and implements in (the) academics. Internal evaluation is carried out by the faculty, and semester examinations are conducted by the University. The evaluation results are analyzed and students' (students) feedback based on necessary changes are made in the delivery of subject. The institute makes use of the innovative teaching learning methods using LCD projector, Charts, Video clippings where ever possible, apart from the conventional black board teaching.

Curriculum Development

Sri Venkateswara College of Engineering and Technology (SVCET) is affiliated to JNTU Kakinada, follows the curriculum given by the university. At the beginning of every academic year, the college chalks out an academic calendar. The institution has developed a structured and effective implementation of the curriculum. Following are the various means through which it executes the curriculum. Academic Committee Meeting: Academic Committee Meetings are held once in 15 days. Principal and Head of the Departments discuss the action plans to arrive an optimal and effective way. Academic Calendar: Academic Calendar is prepared as per the JNTU University academic schedule and the requirements at the department level as per the action plans formed. Lesson Plan: A Lesson plan includes course outcomes, course objectives, content topics, reference books and the expected outcomes from the students by learning through the topics prepared by respective faculty members at the

beginning of each semester. It gives an insight how the lecture class will be handled throughout the semester. HODs Meetings: Timely meetings are conducted and instructions are given for submission of Assignments and conducting class test and internal test are well planned and executed before final examination.

Examination and Evaluation

The performance of a student in each semester shall be evaluated subject wise with a maximum of 100 marks for theory and 75 marks for Practical Subject. The Project Work shall be evaluated for 200 Marks. For Theory Subjects, the distribution shall be 30 marks for Internal Evaluation and 70 marks for the end examinations. for Theory Subjects, During the Semester there shall be two tests and assignments will be given which are evaluated for 5 marks. each test consists of 20 minutes duration objective online examinations for 10 marks and 90 minutes duration subjective examinations for 30 marks. the objective examination marks are scaled to 5 marks, subjective examination marks scaled for 15 and the assignment marks are averaged to 5 marks and all these are to be added to get test marks for 30. then 20 of the marks which is lesser out of those two tests and 80 percent marks of the test in which the student acquires more than the other test will be taken and scaled to 20 marks and the online of the two tests will be taken for internal marks (considered as final internal mid marks). the first test to be conducted on 1 to 3 units second test to be conducted on 4 to 6 units of each semester. each objective question paper shall contain 20 objective type questions For 10 Marks.

Human Resource Management

HR management is well defined for recruitment based on the merit of the applicant. It also provides better teaching learning environment. HR policy encourages the faculty to attend seminars, workshops, invited lectures, research activities. It also conducts the training and induction programs for the employees

Industry Interaction / Collaboration

Institute has Industry Institute Interaction Cell. It has signed MoU's with nearby industries. It conducts

regular meetings and gets suggestions for curriculum developments as required by the industry. These suggestions are forwarded to the University for incorporating in the syllabus as and when revised. The Cell encourages faculty for industrial training. It organizes the student's visits to industry and encourages students to take up industry based projects in final year of degree/PG. It is also proposed to provide the internship to students to gain hands on work experience.

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

E-governance area	Details
Planning and Development	SVCET is using micro soft planner and share point in e governance for planning and development in which, when combined with organizational change and new skills, are intended to improve college services and democratic processes and to strengthen support to the stake holders. However, e governance substantial increase in regulation and policy making capabilities, as well as additional expertise and opinion shaping processes among various social stakeholders.
Administration	SVCET is using E governance for delivering services like exchange of information, communication transactions, integration of various standalone systems between management to Principal (M2P), Principal to Head of the department (P2H), Head of the department to Faculty (H2F), Faculty to Students (F2S) as well as back office processes and interactions within the entire stake holders of college. • General Administration • Pay Roll and Financial Accounting • Administration of Student Data • Inventory Management • Personnel Records Maintenance • Library System
Finance and Accounts	SVCET is deploying Tally in response to manage financial activities like Revenue, Expenditure and Debt. These Electronic Technologies have the potential to deliver imaginative options for policymaking processes and making effective policies in place for financial regulation and monitoring
Student Admission and Support	SVCET is deploying CMS software, It can be used for effective educational

administration, and provide information to empower students and enable their participation in college activities. Enhance the opportunities so that they can make better lives, and it is Costeffective technology combined with the flexibility in administrative activities. There are some of the areas where computers Sending email notices and agendas to students, rather than printing and distributing them. • Submission of lesson plans and study material through email • Create a class Web page • Admissions through webenabled services. • All daytoday activities of the students. • Develop a system of collecting and distributing educational information. • To promote technological literacy.

Examination

SVCET is using LMS for imparting in the field of Examination LMS is very useful tool to have transparency, reliability and efficiency in examination system. There are Nemours advantages by integrating LMS with examination system. This Integrated Examination system will render convenience of online queries by cutting down time and cost and breaking down geographical barriers thus bringing a sea change in the existing system in the following areas. • It is used for spreading digital literacy for studentCapability and efficiency. • Standardization and quality assurance of e contents to make them world class • Experimentation and field trial in the area of performance optimization of low cost access devices for use of LMS in examination. • Identification and nurturing of talent • Developing and maintaining the database with the profiles of allthe students.

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	L. Mohana Rao	Introduction to Manufacturing	Lendi College of Engineering	500
2019	L. Mohana Rao	Additive Manufacturing	Lendi College of Engineering	500

2019	M JAYANTH RAO	INTERNET OF THINGS	SVCET	1000
2019	B V RAMANA	INTERNET OF THINGS	SVCET	1000
2019	S. BHASKA RAO	INTERNET OF THINGS	SVCET	1000
2019	SMITHA RANI SAHU	INTERNET OF THINGS	SVCET	1000
2019	R V S L N SASTRY	INTERNET OF THINGS	SVCET	1000
2019	A V MAHESH	INTERNET OF THINGS	SVCET	1000
2019	B GANESH	INTERNET OF THINGS	SVCET	1000
2019	N SAI KIRAN	INTERNET OF THINGS	SVCET	1000
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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	Research paper writing skills	-	25/01/2020	25/01/2020	50	Nil
2019	Nil	staff Grooming Program	13/11/2019	13/11/2019	Nil	20
2019	Innovative Presentation Skills	Nil	23/10/2019	23/10/2019	50	Nil
2019	Nil	Stress Management	27/02/2020	27/02/2020	Nil	20
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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
INTERNET OF THINGS	9	09/12/2019	12/12/2019	4
INTERNET OF THINGS	8	12/11/2019	18/11/2019	7

THINGS				
Introduction to Robotic Process Automation	1	25/04/2020	25/04/2020	1
University Industry Linkage-Different Mechanisms	1	02/05/2020	02/05/2020	1
Robotics	1	02/05/2020	06/05/2020	5
Advanced organic chemistry: Reaction and mechanism	1	05/02/2020	05/02/2020	1
Communication skills	3	05/06/2020	05/06/2020	1
Discovery Chemistry	2	05/08/2020	05/08/2020	1
IPR ethics Trails in engineering	3	05/03/2020	05/03/2020	1
Employability skills in Curriculum Design	3	26/04/2020	26/04/2020	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
21	21	8	8

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Transport facility 2. EPF 3. Maternity leave	1. Transport facility 2. EPF 3. Maternity leave	.Provide "The Best Student Award" of SVCET claimed by for their academic and cocurricular activities 2.Free Hostel accommodation for SCST 3.Exam fee concession forSC,ST and EBC 4.Free transportation facility 5.Guest lectures from well known personalities

6.4 – Financial Management and Resource Mobilization

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

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process

in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year. Qualified Internal Auditors from external resources have been permanently 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 year. Likewise an external audit is also carried out in an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors and omissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future. The institute regularly follows Internal external financial audit system.

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
No Data Entered/Not Applicable !!!		
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6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	FFC	Yes	IQAC
Administrative	Yes	FFC	Yes	IQAC

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

1. Involvement in anti ragging committee and counseling to students 2.Feedback from parents for overall growth of the Institution. 3.Support to the internship placements i.Parents are always invited for Appreciation Ceremony of Meritorious Students on Annual Day. ii.We conduct regular meetings and telephonic contact with the parents on monthly basis after attendance.Feedback from parents is given due consideration

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

1.Training programs on Personality Development 2.Training programs for improve technical and behavioral skills . 3.Training programs on Stress Management to the faculty and supporting staff

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

1.Improving teaching and technical skills of faculty by organizing quality orientation programme 2.Apart from regular class work, remedial classes were arranged for slow learners during examination period. 3.The college is moving towards a paper free communication so as to minimize the paper consumption by using OFFICE 365. • Improving social involvement of the students by NSS programmes. • Increasing placement opportunities for students by placement training and conducting CRT classes.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal
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	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	No

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	PARTICIPATION IN NIRF	21/10/2019	21/10/2019	21/10/2019	10
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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
Beti bachavo Beti padavo	24/01/2020	24/01/2020	170	Nil
Women Health issues - by Gynecologist	16/09/2019	16/09/2019	140	Nil

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
1. Installed a total capacity of 3KVA units, such as Solar Inverter, Solar Street Lamps, Solar tricycle 2. Conducted Plantation day Program on 05-01-2019 in the college premises where 150 student volunteers participated with total of 100 plants

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Rest Rooms	Yes	5
Scribes for examination	Yes	2

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	5	5	01/07/2019	365	file attached	5	639
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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)
Professional Ethics and Human Values	19/11/2019	Human Values and Ethics is a program outcome (Graduate Attribute) for a B.Tech Graduate. Hence it was taken as an audit course for all the B.Tech Students during third year. After completion of Course an exam was conducted to the students which is mandatory to get the qualifying marks.
Dr.K.V.S.G Murali Krishna, Professor, JNTUK, Dept of CIVIL, Motivational Program on "Professional Development through Innovative Thinking	16/11/2019	A total of 100 students of I-B.Tech attended. Out of which 15 members purchased the Books Written by Dr.K.V.S.G Murali Krishna On Human Values

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Rally on DISHA program	20/03/2020	20/03/2020	65
Awareness program on Fire Safety and Precautions	19/03/2020	19/03/2020	175
Professional Ethics and Human Values an audit course conducted for all third year students	18/11/2019	25/03/2020	244
Program conducted on "Awareness and Safety precautions COVID-19"	20/03/2020	20/03/2020	126
Awareness Program on "road safety and traffic control	07/03/2020	07/03/2020	155
Conducted Blood donation camp	11/02/2020	11/02/2020	125
Program in memory of Gandhiji and his services to the nation(from 15th Aug to 26th Jan)	15/08/2019	26/01/2020	200
Constitutional day	26/11/2019	26/11/2019	140

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

1. Conducted Plantation day Program on 05-01-2019 in the college premises where 150 student volunteers participated with total of 100 plants 2. Utilization of Solar Power 3. commuters are encouraged to avoid carbon emissions by walking to office or using public transport facilities 4. Institute with lavish green campus has a variety of trees, plants and lawns that is Green Campus 5. Plastic and E-wastage free campus, complete ban of plastic in the campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Add on Courses: All most 80 of students completed more number of value added courses, workshops and webinars 2. Successfully Conducted Online classes During Covid-19 Lockdown period, not only to fulfill the curriculum requirements but also conducted Quizzes, assignments and for mentoring through ZOOM and Microsoft Teams app 3. Faculty Development Programs: All the faculty members are successfully completed more number of FDPS, such as online courses, , Workshops Skill development programs and webinars (like SWAYAM, NPTEL, TCSion, Udemy, and programs conducted by various premier institutions) 4. Provided E resources: Prepared and uploaded Lecture notes and video Lectures by faculty so that student can get the material even from remote places also 5. Incentives to the Needy Students: It's a continuous process of giving incentives to the poor students to encourage them in all directions (Helping economically such as Travel allowance, Uniforms, Discount in hostel Fee Etc,.) 6. To Increase placement opportunities for students, Successfully conducted CRT classes for final and Pre final year students including communication classes. 7. Awareness Programs: Several Awareness Programs conducted by SVCET for students and staff to improve the all-round development for the growth of each individual and in turn the college 8. College has a strong NSS Unit, conducting so many qualitative programs to improve the all round development of student including human values and ethics 9. college has a well defined Management information system 10. Improving students performance Regular monitoring extra classes, remedial classes conducted 11. Improving library facilities: Added several National and International Journals, Library books, periodicals and audio visual aids 12. The college is moving towards a paper free communication to minimize the paper consumption by using OFFICE 365 COSEC APTA 13. Usage of share point software for internal communication

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

<http://www.svcet.info>

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

Institute Vision: Emerge as a center of Excellence and Eminence to produce globally competent professionals adorn with social values Excellence in Academics, Exploration of Knowledge through Research, Excitement of Innovation Entrepreneurship, Exponent for Development of a Rounded Personality Social Responsibility Distintiveness • SVCET is accredited by NAAC With 'A' Grade •Received the 2nd best Greenery award by AICTE. • Mr. GVVSRLDVP.Bharadwaj of CSE branch got State 1st rank in PGSET Conducted by AP • Establishment of few startups by the students during their course of Study • SVCET has a very effective NSS Unit which organized several programs • SVCET ENCOURAGES faculty to upgrade their knowledge and skill in this context all the faculty attended many workshops and seminars conducted by reputed institutions •SVCET Organized several FDPS and Seminars to provide good platform for faculty working in

Higher Educational Institutes throughout India not only to improve their knowledge but also to maintain good contacts with Eminent professors for the development of research work with collaboration atmosphere

Provide the weblink of the institution

<http://www.svcet.info>

8.Future Plans of Actions for Next Academic Year

In the Journey of academic excellence continuous improvement plays a major role in the process of deploying student centric learning process. it is very much essential to adopt some of the new techniques, tools and methods to improve the overall quality of education. In this context, we are encouraging our students and faculty to conduct and participate more number of workshops, seminars and FDPs. It is proposed that the new incentive schemes to encourage our students and faculty to publish more number of quality papers in reputed Journals. Further, it is proposed to strengthen the industry academia relationship from the current status for overall improvement of the students to make them industry ready. Also, few courses like C-Language, Python Programming, Internet of Things , Artificial Intelligence are proposed to be introduced to improve employment skills.To motivate students towards innovations and start-ups through ISVC .To increase placement opportunities to students by providing more number of training programs . Motivating students to take add on courses and inculcating entrepreneurship skills