



## Yearly Status Report - 2017-2018

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution		Dr. P. Bhaskar
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		+919581993399
Mobile no.		7729999200
Registered Email		principal@svcetedu.org
Alternate Email		info@svcetedu.org
Address		Tirupati Road, R. V. S. Nagar,
City/Town		Chittoor
State/UT		Andhra Pradesh
Pincode		517127

<b>2. Institutional Status</b>					
Autonomous Status (Provide date of Conformant of Autonomous Status)			06-Sep-2011		
Type of Institution			Co-education		
Location			Rural		
Financial Status			Self financed		
Name of the IQAC co-ordinator/Director			Dr. E. Lokanadha Reddy		
Phone no/Alternate Phone no.			+917780373131		
Mobile no.			7780373131		
Registered Email			iqac@svcet.in		
Alternate Email			principal@svcetedu.org		
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)			<a href="https://www.svcetedu.org/aqar/svcet-aqar-2016-17">https://www.svcetedu.org/aqar/svcet-aqar-2016-17</a>		
<b>4. Whether Academic Calendar prepared during the year</b>			Yes		
if yes,whether it is uploaded in the institutional website: Weblink :			<a href="https://www.svcetedu.org/academic-calendar/">https://www.svcetedu.org/academic-calendar/</a>		
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.08	2017	12-Sep-2017	11-Sep-2022
<b>6. Date of Establishment of IQAC</b>			17-Mar-2011		
<b>7. Internal Quality Assurance System</b>					
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		

E-Governance strategies in academics and administration	20-Jan-2018 1	20
Strategic Planning for implementation of quality academic and administrative practices	15-Jul-2017 1	20
Conducting Institutional and departmental SWOT analysis	08-Jul-2017 1	180
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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	2f	UGC	2010 2899	0
Institution	12b	UGC	2010 2981	0
Institution	Colleges with Potential for Excellence CPE	UGC	2016 733	0
Institution	Autonomy	UGC	2011 2662	0
Institution	SIRO	DSIR	2014 1509	0
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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 :**

4

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

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**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)**

Inputs on Curriculum design and development • Introduction of Novel teaching methods • Preparing the institution for changing Quality accreditation framework of NBA • Inputs for planning the agenda of statutory bodies • Annual Academic Audit

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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	Achivements/Outcomes
Academic audit	• The status report of the functioning of the departments for further planning
Faculty development programs	• Subject domain training for teachers • Research and pedagogical skills
Student training activities	• Student placements in IT and core companies • Students pursuing higher education in national and international institutions
Student counselling	• Periodic interaction between the faculty members and students
Augmenting library facilities	• Purchase of books pertaining to the programs as well for the competitive examinations
Promoting Students to participate in extension activities	• Increase in number of student activities through NSS
Increasing faculty research output	• Increase in number of publications
Novel teaching methods	• Improvement in quality of teaching • Improvement in pass percentage of the students
Strategies for curriculum design and development	• Bringing comprehensive academic regulations • Balanced course structure • Introduction of new courses based on the gaps identified in the old curriculum
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	10-Aug-2019

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

Yes

assess the functioning ?	
Date of Visit	04-Aug-2017
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2018
Date of Submission	03-Apr-2018
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	Yes, the institution uses Bees ERP package for academic and administrative purposes of the Institutions The list of modules available are: • Campus Portal • Batch Management • Attendance Management • Examination Module • Library Management • Training and Placement Module • Alumni Module • Hostel Module • Transport Management • Payroll • Finance and Accounts Management • Inventory and Store

### Part B

#### CRITERION I – CURRICULAR ASPECTS

##### 1.1 – Curriculum Design and Development

###### 1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	01	Civil Engineering	19/05/2017
BTech	02	Electrical and Electronics Engineering	19/05/2017
BTech	03	Mechanical Engineering	19/05/2017
BTech	04	Electronics & Communication Engineering	19/05/2017
BTech	05	Computer Science & Engineering	19/05/2017
BTech	12	Information Technology	19/05/2017
BTech	24	Automobile Engineering	19/05/2017
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###### 1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic

year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Civil Engineering	01/06/2008	Computer Programming in C (17ACS01)	21/08/2017
BTech	Civil Engineering	01/06/2008	Computer Programming Lab (17ACS02)	21/08/2017
BTech	Civil Engineering	01/06/2008	Data Structures (17ACS03)	21/08/2017
BTech	Civil Engineering	01/06/2008	Computer Aided Engineering Drawing (17AME02)	21/08/2017
BTech	Civil Engineering	01/06/2008	Communication Skills Lab (17AHS07)	22/01/2018
BTech	Civil Engineering	01/06/2008	Data Structures Lab (17ACS05)	22/01/2018
BTech	Civil Engineering	01/06/2008	Quantitative Aptitude and Reasoning - I (17AHS10)	22/01/2018
BTech	Civil Engineering	01/06/2008	Intellectual Property Rights (17AHS11)	22/01/2018
BTech	Civil Engineering	01/06/2008	Clinical Psychology (17AHS12)	22/01/2018
BTech	Civil Engineering	01/06/2008	German Language (17AHS13)	22/01/2018

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## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Computer Aided Engineering Drawing	19/05/2017
BTech	Quantitative Aptitude And Reasoning -I	19/05/2017
BTech	Intellectual Property Rights	19/05/2017
BTech	Clinical Psychology	19/05/2017
BTech	German Language	19/05/2017

BTech	Differential Equations and Vector Calculus	19/05/2017
BTech	Basic Electrical Engineering & Mechanical Engineering	19/05/2017
BTech	Basic Mechanical Engineering	19/05/2017
BTech	Basic Electrical Engineering	19/05/2017
BTech	Numerical and Transform Techniques	19/05/2017
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	07/07/2014
BTech	Electrical and Electronics Engineering	07/07/2014
BTech	Mechanical Engineering	07/07/2014
BTech	Electronics & Communication Engineering	07/07/2014
BTech	Computer Science & Engineering	07/07/2014
BTech	Information Technology	07/07/2014
BTech	Automobile Engineering	07/07/2014
MBA	MBA	12/06/2015
MCA	MCA	12/06/2015
Mtech	VLSI	12/06/2015
Mtech	CSE	12/06/2015
Mtech	PE & ED	12/06/2015
Mtech	CAD/CAM	12/06/2015
Mtech	DECS	12/06/2015
Mtech	Embedded Systems	12/06/2015
Mtech	Software Engg	12/06/2015
Mtech	Structural Engg	12/06/2015
Mtech	Computer Science	12/06/2015
Mtech	EPS	12/06/2015
Mtech	Machine Design	12/06/2015

### 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
PLC SCADA	03/07/2017	45

Neural Networks and Fuzzy Systems	01/08/2017	48
Power Plant Equipment installation and Security	26/12/2017	52
Design of Electrical System Control Using Arduino Uno	18/12/2017	43
Semiconductor Technology	26/06/2017	177
PCB Design	03/07/2017	177
RF Design Using HFSS	02/01/2018	240
Recent Trends in Electronics	26/12/2017	240
Single Page Application using Angular JS	23/09/2017	46
Knime Tool For Big Data Analytics	09/03/2018	46
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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	MBA	155
MCA	MCA	35
BTech	Civil Engineering	160
Mtech	Structural Engineering	1
BTech	Electrical & Electronics Engineering	70
BTech	Mechanical Engineering	125
BTech	Electronics & Communication Engineering	115
BTech	Computer Science & Engineering	70
BTech	Information Technology	6
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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
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The institution adopts online system for seeking the feedback/survey from various stakeholders. Each survey or feedback are established with a set of benchmark values/rubrics for analysis and generation of report.

## 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	Civil Engineering	120	130	97
Mtech	Structural Engineering	18	20	8
BTech	Electrical and Electronics Engineering	120	141	97
Mtech	Power Electronics & Electrical Drives	18	9	2
Mtech	Electrical Power Systems	24	5	1
BTech	Mechanical Engineering	240	290	130
Mtech	CAD/CAM	18	8	5
Mtech	Machine Design	24	6	2
BTech	Electronics & Communication Engineering	240	470	216
Mtech	VLSI Design	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
2017	2739	265	293	127	Nil

### 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

420	420	Nil	80	59	Nil
<a href="#">View File of ICT Tools and resources</a>					
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes. The Institution adopts a mentor-mentee system where in a teacher mentor is allotted a batch of 10 Students for counselling. The process is conducted twice in a semester. The mentoring activities include • Suggestions for improvement in curricular aspects • Guidance relevant to preparation for National Examinations for higher education and Government group services • Mentoring for developing Traits in employability and entrepreneurship The mentor-mentee system is very much used in assessing the learning outcomes of students for improvement and guiding them for professional and personal development. The system thus facilitates to enhance the employability of students and their progression to higher studies.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3004	420	1:7

## 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
70	70	Nil	70	39

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
Nil	NA	Nil	NA
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
Mtech	All Branches	I/II	29/08/2018	28/09/2018
Mtech	All Branches	I/I	03/03/2018	15/04/2018
BTech	All Branches	IV/II	10/04/2018	27/05/2018
BTech	All Branches	IV/I	23/11/2017	02/02/2018
BTech	All Branches	III/II	12/05/2018	10/06/2018
BTech	All Branches	I/I	19/01/2018	29/04/2018
BTech	All Branches	I/II	14/06/2018	29/06/2018
BTech	All Branches	II/I	23/11/2017	02/02/2018
BTech	All Branches	II/II	12/05/2018	10/06/2018
BTech	All Branches	III/I	23/11/2017	02/02/2018

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
7	3585	0.2%

## 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.svcetedu.org/>

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	Civil Engineering	207	206	99.52
02	BTech	Electrical and Electronics Engineering	112	109	97.32
03	BTech	Mechanical Engineering	217	215	99.07
04	BTech	Electronics & Communication Engineering	252	250	99.20
05	BTech	Computer Science & Engineering	116	116	100
12	BTech	Information Technology	14	14	100
24	BTech	Automobile Engineering	2	2	100
20	Mtech	Structural Engineering	9	9	100
54	Mtech	Power Electronics & Electrical Drives	3	3	100
07	Mtech	Electrical Power Systems	5	5	100

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## 2.7 – Student Satisfaction Survey

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

<http://www.svcetedu.org/sss-reports>

### CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes

Name of the teacher getting seed money

Mr. B. Rajasekhar

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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nill	NIL	NA	Nill	NA
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#### 3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	365	SVCET(A), Chittoor	1	1
Industry sponsored Projects	180	Amararaja Batteries Pvt. Ltd	0.3	0.3
Minor Projects	730	UGC	5.45	4.45
Major Projects	1825	DST-FIST	45	0
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0.02

#### 3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
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Workshop on Concrete Mix Proportioning	Civil Engineering	14/03/2018
One Day Seminar On The Semiconductor Industry Opportunities And Challenges	Electrical and Electronics Engineering / Electronics Communication Engineering	12/08/2017
Two days seminar on introduction to Intellectual Property Rights (IPR)	Civil Engineering / Mechanical Engineering	28/08/2017
Product Manufacturing using 3D printing	Mechanical Engineering	07/08/2017
A seminar on Application of Industry 4.0	Mechanical Engineering	05/02/2018
Introduction to Copyright Law	Department of Management Studies	30/11/2017
One Day Workshop on Intellectual Property Rights	Department of Management Studies / Computer Science Engineering	28/01/2018
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### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NA	NA	NA	Nil	NA
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### 3.3.3 – 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
Nil	NA	NA	NA	NA	Nil
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## 3.4 – Research Publications and Awards

### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Humanities Sciences	1
Civil Engineering	1
Electrical and Electronics Engineering	1
Electronics and Communication Engineering	1
Computer Science and Engineering	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil Engineering	11	0.28

International	Electrical and Electronics Engineering	10	0.2
National	Mechanical Engineering	2	Nil
International	Mechanical Engineering	12	Nil
International	Electronics Communication Engineering	14	0.14
National	Computer Science Engineering	8	Nil
International	Management Studies	5	2.06
National	MCA	5	2.5
International	MCA	5	1.8
International	Humanities Science	19	1.23

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

Department	Number of Publication
Civil Engineering	1
Electrical and Electronics Engineering	1
Mechanical Engineering	2
Electronics Communication Engineering	1
Computer Science and Engineering	2
Management Studies	1
Humanities and Sciences	2

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NA	Nil	0	Nil

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Design and Implementation of 3D -	Y. Murali Mohan Babu	An International Conference on	2017	1	SVCET(A), Chittoor.	Nil

DWT for video Processing		advances in Engineering management and sciences ( ICAEMS-2017)				
Rectangular Enclosure possessing Multiple Apertures with various dimensions including mutual coupling effect	Y. Murali Mohan Babu	ICAIECS -2017 ICPC IT-2017	2017	Nil	SVCET(A), Chittoor.	Nil
Comparison of DWT, DW T-SWT, and DT-CWT for Low Resolution Satellite Images Enhancement	Y. Murali Mohan Babu	IEEE International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies - 2017 ( ICAMMAET-2017)	2017	Nil	SVCET(A), Chittoor.	Nil
Multi spectral classification using cluster ensemble and self learning	Y. Murali Mohan Babu	An International Conference on Innovative Research in Emerging technologies (ICIRET-2017)	2017	1	SVCET(A), Chittoor.	Nil
Multi spectral classification using cluster ensemble technique	Y. Murali Mohan Babu	International Journal of Intelligent Systems Technologies and Applications	2017	1	SVCET(A), Chittoor.	Nil
Multi-Level	B. Shoban	International	2017	1	SVCET(A),	Nil

Brain Tumour Detection and Classification	Babu	Journal of Control Theory and Application			Chittoor.	
Detection Of Brain Tumour in MRI Scan Images using DWT SVM	B. Shoban Babu	International Journal Engineering Technology (IJET)	2017	1	SVCET(A), Chittoor.	Nil
Detection Of Brain Tumour in MRI Scan Images using Tetrolate Transform and SVM Classifier	B. Shoban Babu	Indian Journal Of Science and Technology	2017	1	SVCET(A), Chittoor.	Nil
Quantifying Severity of Flooding Denial Of Service Attacks On Internet Enabled Network Performance Metrics	Ashwin J.S	International Journal Engineering Research Technology (IJERT)	2017	1	SVCET(A), Chittoor.	Nil
Online Monitoring of Metal cutting of Inconel600 with Al2O3 coated carbide tools	M. Sivar amakrishnaiah	Materials Today: Proceedings	2017	Nil	SVCET(A), Chittoor.	Nil
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
A survey on Communi	Dr. D. Nagaraju	Walailak Journal of	2018	5	5	SVCET(A),



cation Issues in Mobile Cloud Computing		Science and Technology				Chittoor.
Power Aware Based Work Flow Model of Grid Computing Using Ant Based Heuristic Approach	Dr. D. Nagaraju	Big Data Analytics DOI:10.100 7/978-981- 10-6620-7_ 18	2018	13	2	SVCET(A), Chittoor.
Traffic load control in fully Related cellular adhoc networks	P. jyoth eeswari	Internat ional Journal of Computer E ngineering Technology (IJCET),	2017	1	3	SVCET(A), Chittoor.
Experime ntal inves tigation of strength and durability properties of concrete with granite powder and polypropyl ene fibre	Dr. B. Damodhara Reddy	Internat ional Journal of Civil Engi neering and Technology this link is disabled,	2018	1	1	SVCET(A), Chittoor.
A Study on Retailer Perception Towards Di stributor Effectiven ess with reference to selected FMCG Products in Guntur and Prakasam Districts	Dr. M. Vidya Sagar	Internat ional Journal of Management and Social Science Research Review	2017	2	3	SVCET(A), Chittoor.
A Study	Dr. M.	Journal	2017	3	Nil	

on Executive Perception on Training Effectiveness with reference to selected HDFC Standard Life Insurance Branches in Guntur and Krishna districts	Vidya Sagar	of Management Review				SVCET(A), Chittoor.
Power Aware Based Work Flow Model of Grid Computing Using Ant Based Heuristic Approach	Dr. T. Sunil Kumar Reddy	Big Data Analytics DOI:10.1007/978-981-10-6620-7_18	2018	8	3	SVCET(A), Chittoor.
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### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	38	66	2	Nil
Presented papers	26	28	1	Nil
Resource persons	2	3	3	Nil
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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Civil Engineering	Concrete Mix Designs, Preliminary tests on Cement, Sand, Coarse Aggregates, Testing of Steel Specimens, Soil Testing for different	<ul style="list-style-type: none"> <li>• SIRCO Projects Private Limited</li> <li>• Flotek Engineering Services Pvt.Ltd.</li> <li>• Krishi Infratech Engineering Contractors, Bangalore</li> </ul>	38500

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Electrical Electronics Engineering	Acquisition of Transformer No load Losses	Shiridi Sai Electricals Pvt. Ltd	85000
Computer Science Engineering	Website Design	SV College of Nursing, Chittoor	100000
Computer Science Engineering	Website Design	SV College of Pharmacy, Chittoor	100000
Computer Science Engineering	School Fee Management Systems	Decon Matriculation School, Vellore	50000
Computer Science Engineering	Billing System	Sri Hanuman Printers	50000
Department of Management Studies	SMM Campaign Management	'The Hangout', Tirupati	40000
Civil Engineering	Building Materials Testing	Flotek Engineering Services Pvt Ltd, PES School, Chittoor	46000
Mechanical Engineering	Material Testing	Ravands Plastech, Puthalapattu	25000
Civil Engineering	Building Materials Test	Krishi Infratech Engineering Contractors, Bangalore	15000
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### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Electrical Electronics Engineering	Transformer oil Testing	AP Transco	20000	40
Department of Management Studies	Marketing Assistance for MSMEs in Chittoor District	MSME, Chittoor	0	40
Civil Engineering	Practical Training	The Institution of Civil Engineers	122500	35
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### 3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such	Number of students participated in such
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		activities	activities
National Voters Day	MRO office, Puthalapattu	20	1800
The Pulse Polio Immunization	Govt. Hospital, Chittoor	2	60
The Human Rights Day	District Legal Services Authority, Chittoor	6	250
AIDS Awareness Programme	Govt. Hospital, Chittoor	4	200
Blood donation camp	Govt. Hospital, Chittoor	2	60
National Integration Camp	National Integration Camp 2017	3	45
NSS Orientation Program Preventive Health Check-up	Dr. Agarwals Eye Hospital, Chennai	6	250
Anti Ragging Awareness programme	A.P. Police Authorities	15	600
NSS Day Celebrations	NSS Unit, SVCET, Chittoor	7	300
Blood donation camp	Red Cross Society, Chittoor	5	210
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NA	NA	NA	Nil
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Neeru Pragathi	Government of Andhra Pradesh, Water Resources Department	NEERU-PRAGATHI UDYAMAM (Planting Trees)	2	120
National Service Scheme	NSS UNIT 1 2	AIDS Awareness Programme	8	240
National Service Scheme	NSS UNIT 1 2	Clean Green Programme	10	750
National Service Scheme	NSS UNIT 1 2	plastic awareness	6	480

		program		
Women Entrepreneurship	Women Cell	Women Entrepreneurship	12	320
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### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
NA	NA	NA	0
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#### 3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Entrepreneurship Awareness Program	Millennium Development Goals	Confederation of Indian Industries	02/02/2018	06/02/2018	40
Training	Social Media Marketing	Hasscom Innovation	16/01/2018	22/01/2018	40
Internship	IOT	Hasscom Innovations	16/01/2018	15/05/2018	03
Internship	Android Development	ADYUGA	16/01/2018	15/05/2018	03
Internship	Android App development	Young India Innovative IT Solutions	16/01/2018	15/05/2018	04
Project Work	Hands on training in CNC Robotics programming in manufacturing industries	CAD Solutions	11/12/2017	16/12/2017	60
Internship	Training on Substation Operation and maintenance	220 KV Substation, Chittoor.	02/02/2018	18/02/2018	05
Internship	Industrial Training on overall process of	Rayalaseema Thermal Power	20/01/2018	28/01/2018	05

thermal power plant	Project, Kadapa
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
The Institution of Civil Engineers (India)	26/05/2012	To conduct practical Training Tests and submission of project reports in respect of ICI	110
FOSS(Spoken Tutorial) IIT Bombay	01/02/2014	Training on free open Source Tools	97
NPTEL Local chapter, IIT Madras	21/12/2015	MOOCs	218

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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
190	133.7

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	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 partially)	Version	Year of automation
HCL Smart Library Management System	Fully	1	2008

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	50322	16636645	12674	4341605	62996
Reference Books	8913	2979810	1838	642564	10751	3622374
Journals	164	318232	Nil	Nil	164	318232
e-Journals	4782	1276726	Nil	Nil	4782	1276726
CD & Video	2000	Nil	Nil	Nil	2000	Nil
e-Books	100	Nil	200	Nil	300	Nil
No file uploaded.						

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
NA	NA	NA	Nil
No file uploaded.			

#### 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	856	465	856	15	283	46	47	70	0
Added	190	167	190	3	20	0	0	0	0
Total	1046	632	1046	18	303	46	47	70	0

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

70 MBPS/ GBPS
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##### 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
Video recording centre	<a href="https://www.youtube.com/watch?v=oS_H0uZ92Mg">https://www.youtube.com/watch?v=oS_H0uZ92Mg</a>
Video recording centre	<a href="https://www.youtube.com/watch?v=E95wt3yvGj8">https://www.youtube.com/watch?v=E95wt3yvGj8</a>
Video recording centre	<a href="https://www.youtube.com/watch?v=1T_DMpN">https://www.youtube.com/watch?v=1T_DMpN</a>

**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
1180	896.8	930	688.2

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)

The institution strictly adheres to the norms and guidelines prescribed by AICTE in terms of establishing infrastructure. Based on this, a simplified operating policy is developed to create and maintain the infrastructure, for academic and support facilities. AICTE prescribed components of infrastructure:

1. Instructional Area: Classrooms, Tutorial Rooms, PG Class rooms, Laboratory, Work Shop, Computer Centre, Drawing Hall, Library and Reading Room and Seminar Halls

2. Administrative Area: Principal/Director room, Office, Board Room, Office all inclusive, Department Offices, Cabins for Head of Departments, Faculty Rooms, Central Stores, Maintenance, Housekeeping, Pantry for staff/Faculty, Common Room, Examinations Control Office, Training and Placement Office

3. Amenities Area Toilets (Ladies and Gents), Boys Common Room, Girls Common Room, Cafeteria, Stationery Store and Reprography, First Aid cum Sick room, Principal 's quarter, Guest House, Sports Club/ Gymnasium, Auditorium

Boys Hostel, Girls Hostel

Circulation Area: Common walk ways, staircases, entrance lobby, etc.,

<http://www.svcetedu.org>

**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	Smt. Harika Memorial Cultural Trust	10	300000
Financial Support from Other Sources			
a) National	Fee Reimbursement	2562	92475600
b) International	Nil	Nil	Nil
No file uploaded.			

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
Yoga	18/02/2018	195	Art of living, Tirupati
Personal Counselling	01/07/2017	3000	Class teachers



Mentoring	01/07/2017	3000	Individual Faculty
Language Lab	01/07/2017	2739	Humanities Department
Remedial classes	01/07/2017	452	All Departments
Soft Skill Development	01/07/2017	3000	Training and Placement
<a href="#">View File</a>			

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
2017	GATE Coaching	298	Nil	46	Nil
2017	Career Counselling	Nil	934	Nil	555
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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
5	5	3

## 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
Infosys	364	7	HCL	280	45
<a href="#">View File</a>					

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
2017	2	B. Tech	CSE	<ul style="list-style-type: none"> <li>• ISI, Institut Supérieur d'Informatique</li> <li>• SVCET</li> </ul>	M. Tech
2017	1	B. Tech	ME	ISB Mohali	MBA
2017	5	B. Tech	EEE	SVCET, SV University,	M. Tech

				JNTUA	
2017	13	B.Tech	Civil	SVCET, S V University, JNTUA, JNTUK, JNTUH, Foreign Universities	M.Tech/M.S
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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	4
Any Other	1
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
Inter Departmental Carroms Competition	Institution Level	200
Inter Departmental chess Competition	Institution Level	225
Inter Departmental Football Competition	Institution Level	90
Fresher's day Celebration	Institution Level	475
Inter Departmental Cricket Competition	Institution Level	112
Inter Departmental Volley Ball Competition	Institution Level	128
Inter Departmental Basketball Competition	Institution Level	160
Inter Departmental Throw Ball Competition	Institution Level	88
Inter Departmental Badminton Competition	Institution Level	100
College Annual Meet	Institution Level	590
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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	10th JNTUA-ICGM BASKET	National	1	Nil	15781A04I5	NANSIE ROOKBANI

BALL (WOMEN)-winners Organized by RGM CET, Nandyal, during March-2018				
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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)

Student Council is a nominated body. Every section of a class has one boy and girl representatives. The third-year student representatives are nominated as office bearers for this council based on their competencies and interests. One senior professor is made in-charge for mentoring the council activities. To arrive at student needs and aspirations, the institution has been promoting greater participation of students in certain relevant decision-making process through a few statutory and non-statutory bodies. Both the current students and alumni are part of these bodies Student participation in academic other activities • Student participation and their feedback for design of syllabus to design of evaluation process is ensured in creation of Vision, Mission, PEOs, Syllabus formation, evaluation and curriculum gap analysis. • Alumni is a part of Board of Studies • Students of Institute are involved in several committees to present their views for their development and the college as well. • The committees include Board of studies (BOS) of respective departments, IQAC, Disciplinary committee, women empowerment cell, Grievance Redressal Committee, Hostel Committee, and anti-ragging committee. There are student technical associations in each Department besides this, students are also members in many professional society chapters Viz., ISTE, IEEE, IETE, ACM, ASCE, ASME. Students organize extra and co-curricular activities under these associations and chapters. Student Council takes care of academic, co-curricular and extra-curricular activities such as: • Organization of Student Conferences, Workshops Seminars in various curricular co-curricular areas • Supporting the organization at Institution level workshops, Conferences, Seminars as part of Organizing Committee. • Organization of sports and games at Institution level and regional level with the support of Institute Administration • Organization of cultural activities like: Annual Cultural Event, Teachers Day, Republic Day, Engineers Day, Debates, Essay Writing, Elocution, Hackathon, Ideathon • Social and technology extension activities in neighbouring villages of the institution to providing educational, health, hygiene sanitation services and green practices

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institution is having a formal alumni association which is very active and regarded as a key stake holder in Academic and other development areas of the institution. Their contribution is huge in issues such as inputs for articulation of Vision, Mission, PEOs, Syllabus, evaluations, creation of amenities, Industry Institute needs and placements. Alumni members are part of BOS of the respective departments. The Institution organizes annual Alumni event which will be attended by its Alumni, not only in India but across the world. This event, which is organized in Every Year is generally attended by more than five hundred members. Alumni help the institutions in following ways: 1. Support by delivering Guest Lectures in the area of their expertise. 2. Helping institution by providing contacts for student's placement. 3. Providing

some amenities in their respective Departments. 4. Guiding students who are going abroad for Higher education by providing temporary accommodation and other services. The institution is proud of achievements of its Alumni.

5.4.2 – No. of registered Alumni:

921

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

245000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Association of the college is formed. Every year 19th of April will be celebrated as Alumni Association Day

## 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)

**Practice#1: Library Management** The library of the institution caters to the needs of variety of stakeholders such as faculty, research scholars, post graduate and under graduate students, as well as non-teaching staff over a wide range of subjects. Hence a very decentralized approach to run the library is imminent. Also, the role and participation of stakeholders makes it more convenient and appropriate for effective management of the library. Policy and usage guidelines need to be formulated for implementation. And hence a more participative and representative Library Advisory Committee is constituted. The principal has delegated the powers to the committee for all its designated functions  
**Constitution:** Represented by Teachers, administrative staff, research scholars and students  
**Outcome:** As the representation of all is available - requirement gathering, procurement, utilization and management besides implementing the policy is transparent and accountable.

**Practice#2: Website maintenance** The website of the institution is the one place that gives the entire information - academics, research, outreach, collaborations, linkages, various statistical information, regulatory compliances as well as all the achievement of the institutions. It requires - desired design and functionality enhancements, continuous review and updating, update and enhance website design and content, information from different departments and units of the Institution. This needs a more collaborated approach with the participation of prime stakeholders to make it more informative and appealing. And hence a participative and representative Committee is constituted. The principal has delegated the powers to the website maintenance committee for all its designated functions  
**Constitution:** Represented by web designers, IT and hardware professionals, Teachers, administrative staff and students  
**Outcome:** As the representation of key stakeholders is made available, a website which is agile and informative is maintained.

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
Admission of Students	<ul style="list-style-type: none"> <li>Continuously updating the Institution's website projecting</li> </ul>

	<p>infrastructure, achievements and opportunities. • Presenting actively in the print/electronic media by continuously publishing Institutions' information.</p>
Industry Interaction / Collaboration	<ul style="list-style-type: none"> <li>• Liaisoning with industry for faculty, staff and student development.</li> <li>• Tie-up with industry for setting-up of advanced laboratories on campus.</li> <li>• Recruiting professionals from industry as adjunct faculty.</li> <li>• Seeking feedback and inputs from industry on curricular aspects and skill development.</li> </ul>
Human Resource Management	<ul style="list-style-type: none"> <li>• Preparing an Institutional comprehensive training development plan for faculty and staff.</li> <li>• Supporting faculty in qualification upgradation.</li> <li>• Sponsoring faculty training in industry to acquire real time experience and expertise.</li> </ul>
Library, ICT and Physical Infrastructure / Instrumentation	<ul style="list-style-type: none"> <li>• Designing infrastructure ergonomically.</li> <li>• Creating modern library facilities with multi-media support.</li> <li>• Creating smart classrooms to suit modern teaching learning practices.</li> <li>• Adopting ICT in teaching, learning, training and administrative purposes for quality enhancement and transparency.</li> <li>• Introducing MOOCS in course structure for technology enhanced learning.</li> </ul>
Research and Development	<ul style="list-style-type: none"> <li>• Recruiting teachers with experience and competence in research.</li> <li>• Equipping laboratories with relevant modern equipment, software and library resources to suit research demands.</li> <li>• Applying for external research funding in focused frontier areas.</li> </ul>
Examination and Evaluation	<ul style="list-style-type: none"> <li>• Designing examinations and other assessments based on Bloom's Taxonomy</li> <li>• Adopting comprehensive formative assessments for continuous evaluation of students</li> <li>• Adopting technology in evaluation for speedy processing, quality and transparency</li> </ul>
Teaching and Learning	<ul style="list-style-type: none"> <li>• Using modern tools and techniques in teaching</li> <li>• Encouraging enhanced student participation through experiential learning, peer learning and problem solving</li> <li>• Providing e learning resources for self-learning</li> </ul>
Curriculum Development	<ul style="list-style-type: none"> <li>• Introducing choice-based credit system</li> <li>• Designing and developing curriculum content in line with American Societies Professional</li> </ul>

Knowledge areas. • Introducing courses related to skill development, values and entrepreneurship into curriculum • Seeking feedback from stakeholders for revising and updating the curriculum

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

E-governance area	Details
Planning and Development	Academic calendar, course configuration, Time table generations, teaching plans, scheduling co-curricular and extracurricular events, attendance and promotions
Administration	Campus Portal, Student Batch Management Library Management Transport Management HR module
Finance and Accounts	Payroll, Inventory and Store, Finance and Accounts Management
Student Admission and Support	Student admission and profiling Training and Placement Module Alumni Module and Hostel Module
Examination	Examination Module

#### 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
2017	S Nagaraj	INDICON, Conducted by IIT Roorkee	Nill	10000
2017	Ms. C. Uma Maheshwari	2nd International Conference on Recent Advancements in Chemical, Environmental Energy Engineering (RACEEE-2017), Conducted by SSN College of Engineering, Chennai	Nill	8000
2017	Ms.K.Dharani Sree	Second National Power Engineering Research Scholars Conference (NPERSC), Organised by	Nill	4000

		IIT Madras		
2017	Dr.M.Vishnuvardhan	International Conference on Engineering Trends in Engineering and Technology , Organized by Sree Venkateswara College of Engineering , Nellore-A.P.	Nil	4000
2017	Mr.C.Dinakaran	One Week Siemens Training conducted by JNTUA College of Engineering, Anantapuramu, Andhra Pradesh (APSSDC - Siemens Excellence of Training)	Nil	4000
2017	Mr. M. Siva Rama Krishnaiah	International Conference on Materials Processing and Characterization Conducted by GRIET, Hyderabad	Nil	8000
2017	N Kiran Kumar	International Conference on recent trends in environmental science Engineering, Conducted by APS College of Engineering, Bangalore	Nil	3000
2017	Dr. B Damodhara Reddy	International Conference on recent trends in environmental science Engineering, Conducted by APS College of Engineering, Bangalore	Nil	3000

2017	Dr. B Damodhara Reddy	Short Term Training Programme on Sustainable Waste Management, Conducted By SV University Tirupati	Nil	3000
2017	Y Vinod	One Day State Level Workshop on Neeru Pragathi, Organized by APSCHE, Amaravathi	Nil	4000
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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)
2017	Nil	Desktop Printing Techniques	08/07/2017	09/07/2017	Nil	30
2017	Nil	Tally package for accounts	19/08/2017	20/08/2017	Nil	9
2017	Latex for Docume ntation	Nil	12/08/2017	13/08/2017	60	Nil
2018	A foundation course for CAD	Nil	22/03/2018	24/03/2018	30	Nil
2018	An Intro duction for FEA	Nil	21/05/2018	26/05/2018	25	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Research Proposal	60	17/07/2017	22/07/2017	6



Writing				
Curriculum Design and Development	135	03/07/2017	08/07/2017	6
Understanding OBE	135	21/08/2017	26/08/2017	6
Faculty Development Programme on Python Programming	40	05/12/2017	09/12/2017	5
Design of Machine Elements	18	07/02/2018	14/02/2018	8
Innovative methods for teaching Mechanical Engineering	60	22/04/2018	26/04/2018	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
70	70	5	5

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Medical Health Insurance, Subsidised Transportation and Free Transportation during beyond working hours, Group Personal Accidental Policy, Purified Mineral water across the campus and Health Centre	Group Medical Health Insurance, Subsidised Transportation and Free Transportation during beyond working hours, Group Personal Accidental Policy, Purified Mineral water across the campus, Health Centre	Group Personal accidental Policy for all the students, Subsidised Transportation and Free Transportation during beyond working hours, Gymnasium, Yoga with Meditation Hall, Purified Mineral water across the campus, Health Centre, Canteen Service with subsidised Rates, Aid for the Students Participating in overseas conference, Arrangement of bicycles to move in the Campus

**6.4 – Financial Management and Resource Mobilization**

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

The Governing Body of the Institution shall direct and oversee the Institution's arrangements for internal and external financial audit. An Audit committee chaired by the Head of the Institution, the Finance Officer and one senior professor of the Institution as the members shall undertake and facilitate the process of Audit (both internal and external) and report to the

Governing Body. The internal audit of finance is done as day-to-day monitoring by the principal and the accounting team. The external audit is done once in a year.

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
NA	0	NA
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6.4.3 – Total corpus fund generated

0
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## 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	AAA Committee	Yes	IQAC
Administrative	Yes	AAA Committee	Yes	IQAC

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

Parents are regularly invited to Parent Teacher meetings to discuss the need /problem / progress of their wards. Relationship Management Centre with an exclusive psychology counsellor is created chiefly to strengthen the parent teacher relationship. Student mentor details are provided to the parents to pursue their ward's performance

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

- Training / workshops/seminars are conducted.
- Academic / study leaves are granted to encourage higher education.
- Financial support is provided to the staff for acquiring higher qualification

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

- 3 week Induction program for Ist B.Tech students is introduced.
- Introduction of Design sensitization course as part of Academic curriculum.
- The Learning outcomes of student's attainment in Outcome Based Education (OBE) though Automation.
- Up-gradation of faculty knowledge to suit industry needs by incorporating emerging technologies like AI, ML, Data Sciences, Internet of Things, 3D Printing etc. Revision of Curriculum in 5 B.Tech and 11 M.Tech programs

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – 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
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2017	Conducting Institutional and departmental SWOT analysis	08/07/2017	08/07/2017	08/07/2017	180
2017	Strategic Planning for implementation of quality academic and administrative practices	15/07/2017	15/07/2017	15/07/2017	35
2018	E-Governance strategies in academics and administration	20/01/2018	20/01/2018	20/01/2018	35

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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
Self Defence workshop for Girls	17/08/2017	18/08/2017	242	Nil
Seminar on Gender Sensitization	14/09/2017	15/09/2017	371	126
Awareness Program on Women Safety and Respect	07/10/2017	09/10/2017	296	114
Seminar on International women day organised by the Women's cell	08/03/2018	08/03/2018	60	Nil
Women in Higher Education- The need of the hour	07/04/2018	07/04/2018	125	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

**Environmental Consciousness and Sustainability:** • On the occasion of green day celebration on 18.11.2017, plantation was done in the college premises and felicitating the gardeners of the college for maintaining the better environment inside the college.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil

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
2017	Nil	1	06/01/2018	3	Institutionalization of Jaggery Marketing	Lack of Institutional Marketing efforts towards Jaggery Marketing	13
2017	Nil	1	27/01/2018	2	Training of Masons from local community in Good mix design practices	To improve the quality and performance	11
2017	Nil	1	18/11/2017	2	Skill Development for Rural youth on Basic	Skill Development for Rural youth on Basic	12

					Machine Tool operations	Machine Tool operations	
2017	Nil	1	14/05/2017	2	Training Programme on LED TV troubleshooting Servicing for local ITI students	Skill Development of local ITI students on LED TV troubleshooting Servicing	18
2017	Nil	1	16/09/2017	2	Training Programme on Computer Hardware Networking for local unemployed youth	Skill Development of local unemployed youth on Computer Hardware Networking	16
No file uploaded.							

#### 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Code of Conduct for employees	01/06/2017	All the staff members (Teaching Non-Teaching staff) are apprised about the Roles Responsibilities associated with their positions. This helps communicate the expected the code of conduct from each employee.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Introduced Professional Ethics as Audit course	19/06/2017	25/10/2017	56
No file uploaded.			

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

Energy conservation 1. The buildings are fitted with glass windows for max utilization of natural light. 2. Lights and fans are switched off when not required. 3. Air-conditioners are used only at essential places. 4. Energy efficient compact fluorescent tubes and ceiling fans of higher star ratings are used in most of the places to ensure energy conservation. 5. Energy saving awareness program has been initiating among the staff and students. 6. The UPS Batteries were maintained in good condition which reduces charging current of Batteries. 7. On August 15th of every year, students of SVCET participate with

enthusiasm in TREE plantation activities.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

**Title of the Practice:** SWOC analysis of the Institution and Departments  
**Objectives of the Practice:** To assess the status of the institution for strategic planning. **The Context:** It is an imperative need for the institution and its various departments to ascertain the status and then make planning for various academic and administrative activities. It follows the age old and simple SWOC matrix to list the strengths, weaknesses, opportunities and challenges. **The Practice:** The heads of the academic Departments and administrative units are advised to conduct brainstorming sessions with this specific agenda to elicit the inputs. They are listed and later they are skimmed to bring clarity and relevance. This tool and practice have its significance because it helps us to self-evaluate our strengths, weaknesses, opportunities and challenges **Evidence of Success:** The Institution and the Departments were able to identify gaps that exist in the practices and systems, that can help the institution to implement its academic and administrative practices better. The institution after the analysis has found itself that it is functioning more as a teaching-learning institution, but it needs to do much in the fields of research, consultancy, industry interaction besides improving the standard of curriculum **Problems Encountered and Resources Required:** Normally SWOC analysis is not practiced in academic institutions and hence making aware of the process and its significance was tedious. All the heads of the departments and administrative unit heads were mentored in this process by an external expert. The institution kept all its archival data of past performance and did this activity **Notes:** The proper exercise of SWOC analysis may offer opportunities towards identifying the proper growth direction for the Institution. **Best practice#2:** **Title of the Practice:** Strategic Planning  
**Objectives of the Practice:** To implement strategy and prepare a roadmap for accomplishing the institution's strategic goals. **The Context:** The strategic plan for the institution is prepared with the following elements for effective and efficient implementation • Scope and duration of the plan • Institution's profile and achievements • Vision statement • Core values • Mission statement • Objectives and goals • Growth verticals envisioned • SWOC analysis • Implementation plan • Resourcing • Monitoring and evaluation **The Practice:** Governance and management of a higher educational institution especially a technical institution is a complex process. Starting from regulatory compliances to the statutory bodies to student learning outcomes to stakeholder satisfaction everything has to be planned and implemented. Hence a comprehensive plan is essential to guide the institution towards quality and success. The institution is implementing the strategic plan as follows: • Governing Body of the Institution empowering the core team for implementation • Allocating adequate resources • Establishing benchmarks and standards • Conducting periodic reviews to assess the progress of implementation **Evidence of Success:** The strategic plan provided both qualitative and quantitative targets that are reviewed at the end of each semester. The reviews provided the status of implementation and sometimes some of them unattained were rescheduled to the next quarter for implementation. The plan has helped the institution in streamlining its activities besides establishing targets for growth. **Problems Encountered and Resources Required** • It is time-consuming, nevertheless an important activity. • Establishing a policy for audit and benchmark values for assessing the quality of attainment was made. **Notes:** A strategic plan is essential for every organization and it tells the organization where it is going and how to further it.

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

<http://www.svcetedu.org>

### 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

**Distinctive Achievement:** Quality accreditation by NBA and NAAC The vision of the institution is to train young students into dynamic, competent, valued and knowledgeable professionals who will contribute to the nation. They are provided with contemporary education to get well rounded personalities. Also, the mission of the institution is to focus on faculty and student research and innovation so that institution contributes it best by producing brilliant alumni besides outcomes of research and innovation for the growth and development of the nation **Priority:** The institution is very conscious of its educational offerings and other activities and hence they have established an internal quality assurance cell to monitor the quality in its systems and practices. The annual internal academic audit reveals progress and achievements of the institution. **Thrust:** The institution felt the need for validating its quality with external agencies such as NAAC, and NBA and thus created quality ecosystems in academics and administration **Outcome:** The institution has volunteered for reaccreditation for undergraduate programs by NBA and also institutional accreditation by NAAC. It is indeed with the proactive management, dedicated faculty and staff and brilliant students, the institution could garner accreditations from both NBA and NAAC

Provide the weblink of the institution

<http://www.svcetedu.org>

### 8.Future Plans of Actions for Next Academic Year

- Implementation of new curriculum (R17 Regulations)
- To adopt novel teaching methods
- Focus on increasing faculty research output
- Encouraging student participation in extension activities
- To augment existing library facilities
- Promoting skill development through experiential learning
- To comprehensively plan and implement student training activities
- To conduct faculty development programs
- To conduct academic audit