

**SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**NH-5, MRO OFFICE ROAD,**  
**ETCHERLA, SRIKAKULAM532410**

**NAAC AQAR REPORT FOR THE PERIOD JULY 2016 – JUNE 2017**



**राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्**

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

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# Sri Venkateswara College of Engineering & Technology

## The Annual Quality Assurance Report (AQAR) of the IQAC

### Part – A

#### I. Details of the Institution

1.1 Name of the Institution	Sri Venkateswara College of Engineering & Technology
1.2 Address Line 1	NH-5
Address Line 2	Etcherla
City/Town	Srikakulam
State	Andhra Pradesh
Pin Code	532410
Institution e-mail address	Principal_svcet@yahoo.com
Contact Nos.	9705576693
Name of the Head of the Institution:	Dr. M. Govinda Raju
Tel. No. with STD Code:	08942-211602
Mobile:	9705576693

Name of the IQAC Co-ordinator:

Mobile:

9490947188

IQAC e-mail address:

principal\_svcet@yahoo.com

1.3 NAAC Track ID (For ex. MHCOCN 18879)

APCOGN25222

1.4 NAAC Executive Committee No. & Date:

EC(SC)/16/A&A/16.1

(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)

1.5 Website address:

www.svcet.info

Web-link of the AQAR:

www.svcet.info/images/AQAR2017-18.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.06	2016	5 Years
2	2 <sup>nd</sup> Cycle	NA			
3	3 <sup>rd</sup> Cycle	NA			
4	4 <sup>th</sup> Cycle	NA			

1.7 Date of Establishment of IQAC: DD/MM/YYYY

29/07/2015

1.8 AQAR for the year (for example 2010-11)

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)

iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)

iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

### 1.10 Institutional Status

University      State       Central       Deemed       Private

Affiliated College      Yes       No

Constituent College      Yes       No

Autonomous college of UGC      Yes       No

Regulatory Agency approved Institution      Yes       No

(eg. AICTE, BCI, MCI, PCI, NCI) **AICTE**

Type of Institution      Co-education       Men       Women

Urban       Rural       Tribal

Financial Status      Grant-in-aid       GC 2(f)       UGC 12B

Grant-in-aid + Self Financing       Totally Self-financing

### 1.11 Type of Faculty/Programme

Arts       Science       Commerce       Law       PEI (Phys Edu)

TEI (Edu)       Engineering       Health Science       Management

Others (Specify)

\_\_\_\_\_

### 1.12 Name of the Affiliating University (for the Colleges)

**JNTUK, Kakinada**

### 1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

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Autonomy by State/Central Govt. / University

University with Potential for Excellence	--	UGC-CPE	--
DST Star Scheme	--	UGC-CE	--
UGC-Special Assistance Programme	--	DST-FIST	--
UGC-Innovative PG programmes	--	Any other ( <i>Specify</i> )	--
UGC-COP Programmes	--		

**2. IQAC Composition and Activities**

2.1 No. of Teachers	8
2.2 No. of Administrative/Technical staff	1
2.3 No. of students	2
2.4 No. of Management representatives	1
2.5 No. of Alumni	-
2.6 No. of any other stakeholder and community representatives	1
2.7 No. of Employers/ Industrialists	1
2.8 No. of other External Experts	2
2.9 Total No. of members	16
2.10 No. of IQAC meetings held	07
2.11 No. of meetings with various stakeholders:	No. 7 Faculty 5

Non-Teaching Staff	2	Students	Alumni	--	Others	--
--------------------	---	----------	--------	----	--------	----

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

- Academic Audits were conducted, most of the resolutions were implemented related to Teaching-Learning-Evaluation process.
- NPTEL local chapter established and students & staff are actively participating and getting certified.
- Organized National level student's Technical symposium "Converge 2k17" on 27<sup>th</sup> & 28<sup>th</sup> Feb, 2017
- Two-day National level student's workshop on "Internet of Things" on 30<sup>th</sup> & 31<sup>st</sup> Jan, 2017 in association with Smart Bridge Technologies, Hyderabad.
- Two-day National level workshop on "Advanced IOT with Go Solar" on 27<sup>th</sup> & 28<sup>th</sup> Feb, 2017 in association with Robokart - IIT Bombay.
- Two day National level workshop on "Non-Destructive Testing Methods" on 27<sup>th</sup> & 28<sup>th</sup> Feb, 2017 in association with TJL Technologies, Visakhapatnam on
- Personality development program by famous psychologist and personality development trainer Sri. Gampa Nageswara Rao on 5<sup>th</sup> Jul, 2016.
- Organized a seminar on "Hadoop & Big Data" by VEPSUN Technologies on 24<sup>th</sup> Oct, 2016.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

ATTACHED AS ANNEXURE

Plan of Action	Achievements
Enhancing connectivity and Networking	SVCET Centre for Networking and Communications was established with the primary aim of enabling the College community utilize technology to keep pace with the changing

	educational scenario and to create a synergy of knowledge and skills through networks across the globe.
Eco friendly practices	
Sustenance and enhancement of quality	Sessions, workshops and interaction on topics such as quality sustenance, enhancing the activities of IQAC, Time Management have been conducted and the suggestions are being implemented.
Increasing visibility of the institution	The College has enhanced the visibility of the activities through wide media coverage via conducting student project expo, technical symposium (Converge 2k17) , Inviting guest lectures, Blood donation camps, tree plantations, swach bharat activities, celebration of voter's day, women's day, awareness programmes on anti-ragging, water conservation, road safety, career guidance, cashless transactions etc.
Preparation for NBA	All the departments have started the process.
To take feedback from the students	Feedback was taken from the students and actions were taken based on it.
Website up gradation proposed	Proposal accepted and Work-in progress.

*\* Attach the Academic Calendar of the year as Annexure.*



## Part – B

### Criterion – I

#### I. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	6	NIL		
UG	5	NIL		
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
<b>Total</b>	11			

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	11
Trimester	
Annual	

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
*(On all aspects)*

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

*\*Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, Regulation is revised, R13 to R16

1.5 Any new Department/Centre introduced during the year. If yes, give details. NO

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others(T.A)
122	102	10	4	6

2.2 No. of permanent faculty with Ph.D.

4
---

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst.		Associate		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
24	00	01	00	01	00	00	00	26	00

2.4 No. of Guest and Visiting faculty and Temporary faculty

Department Name	Resource person	Date	Topic Name
ECE	Dr.Ch.Srinivasa Rao	19-10-2016	Recent Trends in Digital Image Processing
CSE	T.Venu	24-10-2016	Hadoop and BIG DATA
CSE	A.Satish,Suman Karmakar	24-10-2016	Networks and ANDROID
CIVIL	T.Pavan Kumar	17-09-2016	STAADPRO-V8i
MECHANICAL	Dr.B.Sateesh	6-8-2016	Part Programming for NC machining
MECHANICAL	R.Rudrabhi Ramu	7-1-2017	Convective Heat Transfer

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/	-	-	-
Presented papers	24	2	-
Resource Persons	-	-	-

2.6 Innovative processes adopted by the institution in Teaching and Learning:

The Institution offering the following MOOCS Courses

S.no	Year	Name of the Subject	Name of the Faculty	Name of the Department
1	III Yr-II Sem	Environmental Engineering	Prof.K.V.S.G.Murali Krishna	Civil Engineering
2	III Yr-II Sem	Refrigeration & Air conditioning	Prof. B.Balakrishna & Prof. A Swarna Kumari	Mechanical Engineering
3	III Yr-II Sem	Artificial Neural Networks	Prof. S.Srinivasa Kumar	Electronics & Communication Engineering
4	III Yr-II Sem	Web Technologies	TCS Consultant/ Prof. A Krishna Mohan	Computer Science & Engineering
5	III Yr-II Sem	Data ware housing & Mmining	Prof. J.V.R. Murthy	Computer Science & Engineering
6	III Yr-II Sem	Design & Analysis of Algorithms	Prof.C.Pratap	University of Berkeley, Extension centre, California
7	II Yr-II Sem	Analog Communications	Prof. K. Satya Prasad	Electronics & Communication Engineering

- i) MOOC creates the opportunity for **sharing ideas & knowledge** and also helps improving lifelong learning skills by providing **easy access to global resources**. MOOC **enhances active learning**. MOOC **encourages flipping the classroom**.
- ii) Continuous evaluation methods followed with the use of IT gazettes during teaching and learning.
- iii) Use of interactive learning and problem-solving methodologies.
- iv) Use of e-learning resources by way of subscribing DELNET & registering all the students and staff in National Digital Library Resources.
- v) Creation of learning environment in classes which induces critical thinking, creativity and scientific temper.
- vi) Project and field experiences are compulsory part of courses.
- vii) Recognition to innovative and creative contributions of faculty and students
- viii) Sharing the experiences of experts in the form of guest lecture and practical demonstrations.
- ix) Motivating students to participate in games and sports.
- x) Motivating students to participate in NSS programmes.

2.7 Total No. of actual teaching days during this academic year

145

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

As we are affiliated to JNTUK

- i) Class test has been conducted for each subject by subject teacher.
- ii) All internal assessments have been conducted as per university.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

NA

2.10 Average percentage of attendance of students

78%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Tech(ECE)	48	25	29.16	4.16	-	58.33
B.Tech(CSE)	10	5	-	-	-	50.00
B.Tech(EEE)	44	20.4	11.36	9.09	-	40.9
B.Tech(MECH)	60	38.3	31.6	-	-	70.00
M.Tech	80	5	26.25	-	-	31.25
MBA	113	30.97	30	9.82		70.79

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Individual Faculty Performance Appraisal and self-evaluation by faculty with a view to assess the faculty effectively.
- Organization of workshops, seminars, staff development activities to promote faculty development.
- Conducting orientation and motivational programmes through IQAC.
- IQAC conducts regular follow up meeting with HODs and Class/semester Coordinator for timely and proper completion of teaching and other academic work.
- Regular feedback is taken from the students regarding the progress of syllabus & any other problems of students and is rectified.
- Improvement in teaching and learning processes are monitored by academic committee.
- IQAC always monitors and evaluates the effectiveness of the Teaching Learning process by conducting class tests, question answer sessions and by taking feedbacks from the students.
- At the beginning of the programme, all students will be assigned a Personal Mentor, who is a faculty of the concerned Department to help the students in solving their personal, academic problems.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	NIL
UGC – Faculty Improvement Programme i)Seminar grant(ECE,CSE,MBA) ii)FDP(EEE,MECH)	NIL
HRD programmes	NIL
Orientation programmes: Office 365 (Share point, Yammer)	122
Faculty exchange programme	NIL
Staff training conducted by the university	1
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	23
Others(FDP)	13

### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	14	NIL	NIL	NIL
Technical Staff	15	NIL	NIL	NIL

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. Identifying key areas for research.
2. Motivating faculty members for doing research.
3. Guidance given to faculty members for proposal preparation and submission.
4. Arranging training, seminar and workshop related to Research and Consultancy works.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	22	-	22	22
Outlay in Rs. Lakhs	3.2 lakhs	-	Rs. 3.2 lakhs	Rs. 3.2 lakhs

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	10	-	10	10
Outlay in Rs. Lakhs	0.75 lakhs		0.75 lakhs	0.75 lakhs

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	5	-	-
Non-Peer Review Journals	-	-	-
e-Journals	27	02	-
Conference proceedings	7	03	-

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

#### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2016-17	VES	Rs. 3.2 lakhs	Rs.3.2 lakhs
Minor Projects	2016-17	VES	Rs. 75000	Rs.75000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	Rs. 3.95 lakhs	Rs. 3.95 lakhs

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges

Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences Organized by the Institution

Level	International	National	State	University	College
Number	-	-	-	-	-
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations

International

National

Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From funding agency

From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows  
Of the institute in the year

Total	International	National	State	University	Dist	College
-	-	-	-	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides

And students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events: 200

University level  State level

National level  International level

3.22 No. of students participated in NCC events: - NIL

University level  State level

National level  International level

3.23 No. of Awards won in NSS: - NIL



University level  State level   
National level  International level

3.24 No. of Awards won in NCC: NIL

University level  State level   
National level  International level

3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

S.NO	DATE	EVENT	NO. OF PARTICIPANTS
1	08.03.2017	WOMEN'S DAY	114
2	23.11.2016	BLOOD CAMP	105
3	19.11.2016	SRI SHAKTHI DIVASH	76
4	19.07.2016	PLANTATION	52
5	09.08.2016	CLEAN & GREEN(SWACHA BARATH)	186

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	18.13Acres		-	18.13Acres
Class rooms	39	1	-	40
Laboratories	33	2	-	35
Seminar Halls	2		-	2
No. of important equipments purchased ( $\geq 1$ -0 lakh) during the current year.		12	-	12
Value of the equipment purchased during the year (Rs. in Lakhs)		8 lakhs	-	8 lakhs
Others	-	-	-	-

#### 4.2 Computerization of administration and library

- Biometric attendance for the students and faculty.
- Automation of digital library with the help of New Gen Lib and OPAC Software's.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	9817	3161568	1080	538344	10897	3699912
Reference Books	4208	1354957	463	230719	4671	1585676
e-Books			2792		2792	
Journals			22	47700	22	47700
e-Journals			1165	165000	1165	165000
Digital Database						
CD & Video	518				518	
Others (specify)						

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	540	5	20 Mbps + Wifi	4	5	20 Systems	30 Systems	10
Added	-	-	12Mbps	-	-	-	-	-
Total	540	5	32 Mbps + Wifi	4	5	20 Systems	30 Systems	10

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- |   |
|---|
| <ul style="list-style-type: none"> <li>• Conducted Training program on Office 365( SharePoint) for the faculty</li> <li>• DelNet training to all staff members</li> </ul> |
|---|

Date	Name of the Program	No of faculty members attended
14-10-2016	Microsoft Office365	110

4.6 Amount spent on maintenance in lakhs:

i) ICT	380824
ii) Campus Infrastructure and facilities	482300
iii) Equipments	204152
iv) Others	128540
<b>Total :</b>	<b>1195816</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Team has suggested various initiatives to enhance awareness of the students about various support services made available to them by the Institution. Notices are sent to the classrooms to convey information and notices are displayed on the respective notice boards etc. Various orientation sessions are arranged for enhancing awareness of the students.

#### 5.2 Efforts made by the institution for tracking the progression

1. Regular meetings of the Teachers' are held. Teachers take care of day to day student support as and when needed.
2. Delimit the attendance of the students so that they may become alert.
3. Tutorial test, assignments and semester results analysis.
4. Workshops will be conducted for the students to motivate them to appear in the competitive exams
5. Encourage the students to participate in University Level Youth festival and State Level competition in curriculum and extracurricular activities.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1157	286	00	00

(b) No. of students outside the state

02

(c) No. of international students

00

Men	No	%	Women	No	%
	1077	74.6		366	25.4

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
49	93	61	325	01	528	23	81	28	183	01	315

Demand ratio 0.75

Dropout = 0.86 % (UG)

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

No. of students beneficiaries

#### 5.5 No. of students qualified in these examinations

NET	<input type="text" value="00"/>	SET/SLET	<input type="text" value="00"/>	GATE	<input type="text" value="12"/>	CAT	<input type="text" value="00"/>
IAS/IPS etc	<input type="text" value="00"/>	State PSC	<input type="text" value="00"/>	UPSC	<input type="text" value="00"/>	Others	<input type="text" value="04"/>

#### 5.6 Details of student counselling and career guidance

A Counselling system and placement cell had been established in our institute to look into the diverse socio-economic problems that confronted our students. One of the objectives of this was to help the students who come from economically backward families with placement opportunities and also provided institutional support.

No. of students benefitted

#### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
10	128	52	16

#### 5.8 Details of gender sensitization programmes

- AP Government conducted “National Women’s Parliament” on 10<sup>th</sup> -12<sup>th</sup> February 2017 at Pavithra Sangam Ghat, Vijayawada
- Women cell is constituted in college
- Management and Senior professors keeps sensitizing students about gender issues whenever they address the students.
- Women’s day is celebrated in the campus on 8<sup>th</sup> march 2017.in that occasion 128 students were participated.
- AP Government conducted “neeru-pragathi program” on 6<sup>th</sup> may2017 at SVCET, Etcherla.

#### 5.9 Students Activities

##### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level	National level	International level
<input type="text" value="15"/>	<input type="text" value="00"/>	<input type="text" value="00"/>

No. of students participated in cultural events

State/ University level  National level  International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	305	30 Lakhs
Financial support from government	907	3.17 cr
Financial support from other sources	00	00
Number of students who received International/ National recognitions	00	00

5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  international level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: providing NPTEL online course access for all the students.

By making CRT classes to improve proficiency in English speaking to get placement in top MNC's

## Criterion – VI

### **6. Governance, Leadership and Management**

#### **6.1 State the Vision and Mission of the institution**

**Institution Vision:** Emerge as a center of Excellence and Eminence to produce globally competent professionals adorn with social values.

**Institution Mission:** To impart a perfect blend of value based, industry relevant, quality education towards employable graduates who are technically competent, communicative and ethically upright.

#### **6.2 Does the Institution has a management Information System**

Yes. The following activity heads are maintained through MIS:

- Accounts and financial works
- Store and material requisition
- Biometric Staff attendance
- Library information system

#### **6.3 Quality improvement strategies adopted by the institution for each of the following:**

##### **6.3.1 Curriculum Development**

R16 new syllabus was introduced in 2016-17 academic year .

##### **6.3.2 Teaching and Learning**

Teaching and Learning sessions are well planned to improve students participation visits to Industries, Field level visits were arranged to provide exposure. Placements in Industries / Hospitals / NGOs and GOs /Companies are included in the curriculum to improve skill based training and provide work experience. Course materials were provided for some courses.

### 6.3.3 Examination and Evaluation

Internal and external evaluation is done; examination and evaluation information is available for students as the system is more transparent.

### 6.3.4 Research and Development

- Student Research Projects are included in the curriculum as partial fulfilment of the PG courses.
- Department Research Committees, Research & Development cell were constituted to take decisions related to Research.

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

Library facilities are computerized; e-journals, e-books, e-resources, UGC INFONET, DELNET at UGC INFONET gate way, Online Public Access Catalogue (OPAC) and INFLIBNET services are made available to students. Physical infrastructural facilities and instrumentation centres are available for students.

### 6.3.6 Human Resource Management

**Human resource management (HRM or simply HR)** is the management of human resources. It is a function in organizations designed to maximize employee performance in service of an employer's strategic objectives. HR is primarily concerned with the management of people within organizations, focusing on policies and on systems. HR departments and units in organizations typically undertake a number of activities, including employee benefits design, employee recruitment, "training and development", performance appraisal, and rewarding (e.g., managing pay and benefit systems). HR also concerns itself with organizational change and industrial relations, that is, the balancing of organizational practices with requirements arising from collective bargaining and from governmental laws.



### 6.3.7 Faculty and Staff Recruitment

The vision of SVCET is “Promoting prosperity of mankind by augmenting human resource capital through quality Technical Education and Training”. This translates into an organizational goal to identify, recruit and retain highly qualified, talented, and diverse faculty / staff, for positions in all academic fields. The recruitment of faculty / staff is a crucial activity at SVCET. 36 faculty was newly added after considering the regular faculty replacement when they left. The Board of Appointment (BOA) was constituted specifically for governing the recruitment procedure. The process of recruitment includes:

- Search for prospective candidates
- Shortlisting of prospective candidates
- Preliminary Interview (For entry level positions only)
- Final Interview with the BOA

Faculty and staff recruitments are made regularly as per the AICTE and JNTUA regulations.

### 6.3.8 Industry Interaction / Collaboration

The departments and Placement Cell in the college established linkages with relevant institutions / industries to benefit the students and the department at large. Activities / programmes were planned in collaboration with the industries periodically. The MOUs are entered with some Industries and Organizations only as the linkages were established formally on long term basis.

- Organizing workshops, conferences and symposia with joint participation of the institution and the industry.
- Arrange for experts from industry to visit and deliver lectures for students on the current trends & happenings in a particular sector.
- Arrange for faculty development programmes to provide them an opportunity to be constantly aware of the latest developments in their field of specialization.
- sign MoUs with industries for mutual benefit of industry & institution
- Send the students for the project work
- Send the students for the Industrial visits to get practical knowledge
- Conducting the seminars and workshops with Industrial experts
- Conducting guest lectures from the experts in the different field of Industry

### 6.3.9 Admission of Students

The students were admitted in all courses through entrance examination conducted either by the state Government (Common Entrance Tests, i.e., EAMCET). For Management quotas seats notifications are issued, applications are invited and based on the merit (following the reservation) the students are given admission.

### 6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"><li>• Transport facility</li><li>• EPF</li><li>• Canteen</li><li>• Maternity leave</li></ul>
Non teaching	<ul style="list-style-type: none"><li>• Transport facility</li><li>• EPF</li><li>• Canteen</li><li>• Maternity leave</li></ul>

Students	<ul style="list-style-type: none"> <li>• Provide “The Best Student Award” of SVCET claimed by for their academic and co-curricular activities</li> <li>• Free Hostel accommodation for SC&amp;ST</li> <li>• Exam fee concession for SC, ST and EBC</li> <li>• Free transportation facility</li> <li>• Guest lectures from well-known personalities</li> <li>• Personality development classes</li> </ul>
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**6.5 Total corpus fund generated**

72,63,241.54 (2015-16), 2016-17 is in progress.

**6.6 Whether annual financial audit has been done**

Yes

YES

No

**6.7 Whether Academic and Administrative Audit (AAA) has been done?**

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	JNTUK	YES	IQAC
Administrative	Yes	(FFC) JNTUK	YES	IQAC

**6.8 Does the University/ Autonomous College declare results within 30 days?**

For UG Programmes

Yes

No

NO

For PG Programmes

Yes

No

NO

**6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?**

- End examination question paper setters are from other colleges and universities.
- Examiners for end examinations are from other colleges and universities.
- Evaluation process involves coding & decoding of answer scripts.
- R16 Regulation was introduced in 2016 there is no change in subject credits and examination evaluation but some subjects are interchanged into 1<sup>st</sup> semester and 2<sup>nd</sup> semester.
- Recounting and revaluation facility is provided to student.
- Award of class will be finalized based on CCPA.

### **6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?**

The institution and its leadership are defined within the university structure. The university and institution policies and procedures clearly define respective authority and responsibility. The university and institution leadership collaborate to secure adequate human, physical, technological, educational, and financial resources to maintain and advance the program. The institution contributes to the activities and governance of the university. The following mechanisms provide for autonomy of the institutions

- The Governing body for individual college comprising of representatives from University decide the strategic plan and requirements of the institutions.
- The Board of Studies (BOS) at each institutional level is empowered to recommend syllabus/curriculum changes or changes to the evaluation/assessment methods
- The Deans/HODs of the individual colleges are members of the Academic Council (AC), the highest decision making body where they can raise their concern.
- Constituent colleges Principals/Senior faculty are members of planning and monitoring board, library committee, hostel committee, research coordination council, hostel committee, IQAC and many others wherein they can raise concerns pertaining to individual institutions

Further it is expected that academic staff of the college will have the responsibility and opportunity to suggest the changes to any and all of these policies, as the need arises, through the established mechanisms of faculty meetings and retreats.

### **6.11 Activities and support from the Alumni Association**

Alumni Associations organise programmes at college level was conducted on 23-04-2016 and 30 students were attended for the benefit of students - especially on grooming young.

### **6.12 Activities and support from the Parent – Teacher Association**

Institute collect regular feedback from the parents and they actively participated in meeting and shared their views for the welfare of our college.

### **6.13 Development programmes for support staff**

For the supportive staff at college level Training programmes on computer applications, filing, accounts etc., are organised periodically.

### **6.14 Initiatives taken by the institution to make the campus eco-friendly**

- 150 Tree Plantation in 2016-17
- Disposal of garbage