Sri Venkateswara College of Engineering & Technology

(Autonomous)

R.V.S.Nagar, Tirupati Road, Chitttoor -517 127

Web site: www.svcetedu.org

e-mail : principal@svcetedu.org

ANNUAL QUALITY ASSURANCE REPORT
(2016-2017)

SUBMITTED TO
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
(NAAC)
BANGALORE – 560072

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

AQAR for the year

2016-17

1. Details of the Institution

1.1 Name of the Institution

Sri Venkateswara College of Engineering & Technology (Autonomous)

1.2 Address Line 1

R.V.S. Nagar

Address Line 2

Tirupati Road

City/Town

Chittoor

State

Andhra Pradesh

Pin Code

517 127

Institution e-mail address

principal@svcetedu.org

Contact Nos.

7729999200

Name of the Head of the Institution:

Dr. P. Bhaskar.

Tel. No. with STD Code:

08572 245044

Mobile:

7729999200

Name of the IQAC Co-ordinator:

Prof. K. Ravindranath

Mobile:

9542302000

IQAC e-mail address:

svcetiqac@svcetedu.org

1.3 **NAAC Track ID** (For ex. MHCOGN 18879)

OR

1.4 **NAAC Executive Committee No. & Date:**
(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)

EC(SC)/06/A&A/119
Dated   01-05-2013

1.5 Website address:

www.svcetedu.org

Web-link of the AQAR:

http://www.svcetedu.org/cms/index.php?option=com_
content&view=article&id=846

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B	2.78	16/09/2011	15/09/2016
2	2nd Cycle	B	2.80	01/05/2015	31/04/2020
3	3rd Cycle	-	-	-	-
4	4th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC :   DD/MM/YYYY   17/03/2011

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

I.   AQAR 2011 – 12 Submitted to NAAC on   06-06-2012   (DD/MM/YYYY)
II.   AQAR 2012 – 13 Submitted to NAAC on   09-07-2013   (DD/MM/YYYY)
III. AQAR 2013 – 14 Submitted to NAAC on   02-07-2014   (DD/MM/YYYY)
IV.   AQAR 2014 – 15 Submitted to NAAC on   11-08-2016   (DD/MM/YYYY)
V.   AQAR 2015 – 16 Submitted to NAAC on   13-08-2016   (DD/MM/YYYY)
VI.   AQAR 2016 – 17 Submitted to NAAC on   (DD/MM/YYYY)

1.9 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 and UGC)

Type of Institution   Co-education [√]   Men ☐   Women ☐

                        Urban ☐   Rural [√]   Tribal ☐

Financial Status   Grant-in-aid ☐   UGC 2(f) [√]   UGC 12B [√]

                     Grant-in-aid + Self Financing ☐   Totally Self-financing [√]

1.10 Type of Faculty/Programme

Arts ☐   Science ☐   Commerce ☐   Law ☐   PEI (Phys Edu) ☐

TEI (Edu) ☐   Engineering [√]   Health Science ☐   Management [√]

Others   (Specify)   ----------------

1.11 Name of the Affiliating University *(for the Colleges)* | JNTUA , Ananthapuramu |

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

Autonomy by State/Central Govt. / University | UGC |

University with Potential for Excellence | | UGC-CPE | √ |

DST Star Scheme | | UGC-CE | |

UGC-Special Assistance Programme | | DST-FIST | |

UGC-Innovative PG programmes | | Any other *(Specify)* | DSIR |

UGC-COP Programmes | |

2. IQAC Composition and Activities

2.1 No. of Teachers | 19 |

2.2 No. of Administrative/Technical staff | 01 |

2.3 No. of students | 04 |

2.4 No. of Management representatives | 02 |

2.5 No. of Alumni | 03 |

2. 6 No. of any other stakeholder and

community representatives | 01 |

2.7 No. of Employers/ Industrialists | 02 |

2.8 No. of other External Experts | 02 |

2.9 Total No. of members | 27 |

2.10 No. of IQAC meetings held

| 01 |

2.11 No. of meetings with various stakeholders: No.   01   Faculty | 01 |

Non-Teaching Staff Students | | Alumni | | Others | |

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

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. | 0 | International | 0 | National | 0 | State | 0 | Institution Level | 1 |

(ii) Themes | One-day orientation programme for Parents of First year |

2.14 Significant Activities and contributions made by IQAC

1. To emphasize the learners centric education in the Institute.

2. To promote research culture among faculty members besides consultancy and extension activities.

3. To make Institution as research potential hub.

4. To sustain the social responsibility and environment friendly mind set of Students.

5. To make the Institution as Deemed to be university.

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 *

Plan of Action	Achievements
Getting deemed to be university status	The process has initiated by the help of Management
Increase in amenities and facility	The process of renovation of the Library has been initiated, laboratory facility and computer facility of many departments improvised
Action taken to encourage the students to take active part in NSS.	Students encouraged taking up NSS and Cadres took part in many events. Community benefit programmed taken up.
To take feedback from all stake holders	Feedback was taken from the stake holders and actions were taken based on it.

2.16. Whether the AQAR was placed in statutory body   Yes [√]   No [ ]

Management [√]   Syndicate [ ]   Any other body [ ]

Part – B

Criterion – I

1. 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
PhD	--	--	--
PG	13	--	
UG	7	1	
Total	20	1	21

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

Pattern	Number of programmes
Semester	21
Trimester	-
Annual	-

1.3 Feedback from stakeholders*   Alumni [√]   Parents [√]   Employees [√]   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   -   R-17 Regulations

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Not Applicable

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others (Adjunct Faculty)
455	336	50	32	37

2.2 No. of permanent faculty with Ph.D.

41

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
336	--	50	---	32	---	37	---	455	---

2.4 No. of Guest and Visiting faculty and Temporary faculty

-	-	-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	47	32	03
Presented papers	59	34	03
Resource Persons	---	01	14

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

1. Power Point presentation.
2. Usage of models and labs for better explanation.
3. Improvement in Pass percentage
4. Placement training to Students.
5. Incentives to the Students participating in technical competitions and seminars.
6. Based on the Performance, the promotions and advance increments are provided.

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

180

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

Online comprehensive examination

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

2.10 Average percentage of attendance of students | 75% | | All the faculty members |

2.11 Course/Programme wise   distribution of pass percentage :
B.Tech

Branch	No. Of Students Appeared	No. Of Students passed	% of Students passed	No. Of Students passed in Distinction	% of Students passed in Distinction	No. Of students passed in I Division	% of Students Passed in I Division	No. Of Students passed in II Division	% of Students passed in II Division
CIVIL	113	94	70.67	72	54.13	22	16.55	---	---
EEE	114	101	88.9	84	83.16	17	16.8	---	---
ME	243	208	85.59	164	67.48	44	18.18	---	---
ECE	168	144	858.71	132	78.57	12	7.14	---	--
CSE	92	77	83.69	63	68.47	14	15.21	---	----
IT	33	28	84.84	27	81.18	1	3.03	---	---

MBA

Branch	No. Of Students Appeared	No. Of Students passed	% of Students passed	No. Of Students passed in Distinction	% of Students passed in Distinction	No. Of students passed in I Division	% of Students Passed in I Division	No. Of Students passed in II Division	% of Students passed in II Division
MBA	155	124	80%	47	37.90	56	45.16	21	16.93

MCA

Branch	No. Of Students Appeared	No. Of Students passed	% of Students passed	No. Of Students passed in Distinction	% of Students passed in Distinction	No. Of students passed in I Division	% of Students Passed in I Division	No. Of Students passed in II Division	% of Students passed in II Division
MCA	65	51	78.46	48	73.84	03	4.61	--	--

M.Tech

Branch	No. Of Students Appeared	No. Of Students passed	% of Students passed	No. Of Students passed in Distinction	% of Students passed in Distinction	No. Of students passed in I Division	% of Students Passed in I Division	No. Of Students passed in II Division	% of Students passed in II Division
STE	12	12	100	11	91.66	1	8.33	---	---
PE&ED	4	4	100	3	75	1	25	---	---
EPS	6	6	100	6	100	---	---	---	----

CAD/ CAM	---	-	---	---	----	----	----	----	---
MD	----	----	----	-----	-----	-----	-----	----	----
VLSI (I-Shift)	6	6	100	6	100	---	---	---	--
VLSI (II-Shift)	4	4	100	4	100	----	----	----	----
DE&CS (II-Shift)	12	12	100	12	100	----	----	----	-----
ES (II-Shift)	5	3	60	3	60	---	-----	-----	-----
CSE (I shift)	3	3	100	3	100	--	---	---	---
CSE (II-Shift)	3	3	100	3	100	--	---	---	---
CS	2	2	100	2	100	--	---	---	---

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

Academic audit of departments monitor to conduct internal assessment.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	15
UGC – Faculty Improvement Programme	2
HRD programmes	--
Orientation programmes	3
Faculty exchange programme	6
Staff training conducted by the university	2
Staff training conducted by other institutions	16
Summer / Winter schools, Workshops, etc.	78
Others	3

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	126	Nil	126	Nil
Technical Staff	51	Nil	51	Nil

Criterion – III

3. Research, Consultancy and Extension

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

1. To ensure the maintenance of Quality standards by considering the aspirations of all stake-holders.
2. To continue all efforts to achieve vision and missions of the Institution.
3. To promote Research climate in the institution by encouraging the faculty, students and others.
4. To provide all necessary infrastructural support, including space, to promote research work

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	2	2	---
Outlay in Rs. Lakhs	---	36.8	36.8	---

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	---	01	01	---
Outlay in Rs. Lakhs		1.5	1.5	--

3.4   Details on research publications

	International	National	Others
Peer Review Journals	2	1	--
Non-Peer Review Journals	10	---	--
e-Journals	--	---	---
Conference proceedings	5	---	--

3.5 Details on Impact factor of publications:

Range [ ]   Average [5]   h-index [4]   Nos. in SCOPUS [14]

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned Rs in Lakhs	Received Rs in Lakhs
Major projects	3	UGC, DST	147.36	74.73
Minor Projects	3	UGC	5.45	
Interdisciplinary Projects	---	----	----	----
Industry sponsored	----	-----	----	----
Projects sponsored by the University/ College	----	----	-----	-----
Students research projects (other than compulsory by	----	----	-----	----

the University)				
Any other(Specify)	----	----	-----	----
Total	6		152.81	74.73

3.7 No. of books published   i) With ISBN No. | 6 | Chapters in Edited Books | 5 |

ii) Without ISBN No. | |

3.8 No. of University Departments receiving funds from

UGC-SAP | Nil | CAS | Nil | DST-FIST | Nil |

DPE | Nil | DBT Scheme/funds | Nil |

3.9 For colleges

Autonomy | Yes | CPE | Yes | DBT Star Scheme | Nil |

INSPIRE | Nil | CE | Nil | Any Other (specify) | DSIR |

3.10 Revenue generated through consultancy | 65,000 |

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	---	05	----	-----	----
Sponsoring agencies	----	DST-STEDB, SVCET, UltraTech.	----	----	---

3.12 No. of faculty served as experts, chairpersons or resource persons | 12 |

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 | 45.05 | From Management of University/College | 3.5 |

Total | 48.55 |

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	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
		03				

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

8

and students registered under them

14

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

2

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

JRF 1   SRF ---   Project Fellows ----   Any other ------

3.21 No. of students Participated in NSS events:

University level 25   State level 765

National level [ ]   International level [ ]

3.22 No. of students participated in NCC events: No NCC Wing

3.23 No. of Awards won in NSS:

University level ---   State level ---

National level ---   International level ---

3.24 No. of Awards won in NCC: No NCC Wing hence not applicable.

3.25 No. of Extension activities organized

University forum [ ]   College forum [ ]

NCC [ ]   NSS 18   Any other 01

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

NSS volunteers participated in election duties. One volunteer selected for pre-republic day celebrations held at Rajahmundry, A.P. College level Helping Hands forum participated in various campaigns like blood donation, Tree plantation and Free Eye check up.

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund
Campus area	41.02 Acers	Nil	Srinivasa Educational Trust
Class rooms	90	14	Srinivasa Educational Trust
Laboratories	60	06	Srinivasa Educational Trust
Seminar Halls	13	01	Srinivasa Educational Trust
No. of important equipments purchased (≥ 1-0 Lakh) during the current year.	14	Nil	Srinivasa Educational Trust
Value of the equipment purchased during the year (Rs. in Lakhs)	32.99	Nil	Srinivasa Educational Trust
Others	-	-	-

4.2 Computerization of administration and library

1) A central system of attendance and course details will be posted in the college web site.

2) Central Library is equipped with latest reading resources with both print and electronic forms.

3) All the readings resources are bar coded.

4) Complete resources have been kept on open access system.

5) Housed in a spacious building spanning three floors and has a seating capacity of 600 users at a time.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	40521	13388594	9801	3248051	50322	16636645
Reference Books	8847	2950075	66	29735	8913	2979810
e-Books	--	---	---	---	----	---
Journals	160	298831	4	19401	164	318232
e-Journals	----	-----	4782	1276726	4782	1276726
Digital Database	6	-----	----	-----	-----	-----
CD & Video	2000	-----	---	-----	-----	----
Others (specify)		----	-----	------	-----	-----

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1152	9	30mbps	1	1051	15	75	10
Added	95	1	40mbps	--	---	---	---	--
Total	1247	10	70mbps	1	1051	15	75	10

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

YES

4.6 Amount spent on maintenance in lakhs :

i) ICT

Rs.1.20L

ii) Campus Infrastructure and facilities

Rs.1.50 L

iii) Equipments

Rs. 75K

iv) Others

Rs. 30 k

Total:

Rs.3.75 /-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC has suggested that the college authority regularly interacts with all the stake holders to ensure smooth functioning of each department. This was a prevalent process but the IQAC has emphasized the need for further strengthening it. The IQAC has suggested that the authority look into the grievance that students have regarding the quality of the canteen food, and also make available a larger variety of food products in the canteen. Few complaints from Foreign students about various facilities. The IQAC has suggested that the college provides more computers for academic and research activities.

5.2 Efforts made by the institution for tracking the progression

All activities pertaining to both academic and administrative should be keep tracked for the benefit of the students.

5.3 (a) Total Number of students admitted

UG	PG	Ph. D.	Others
533	260	9	-

(b) No. of students outside the state

16

(c) No. of international students

8

Men	No	%
	583	75.7

Women	No	%
	193	24.3

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2862	252	27	1277	-	4418	3108	248	23	1650	-	5029

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

Quantitative aptitude, Test for logical reasoning, mock tests, mock interviews, ………

No. of students beneficiaries

More than 600

5.5 No. of students qualified in these examinations

| NET | 2 | SET/SLET | 0 | GATE | 12 | CAT | 0 |
| IAS/IPS etc | 0 | State PSC | 0 | UPSC | 0 | Others | 0 |

5.6 Details of student counselling and career guidance

The IQAC counsels the students about the importance of career path, phases to strengthen the overall Improvement of career prosperity. It facilities to meet with the famous personalities, trainers and experts The system works as a career center. Most career centers have a wide variety of career exploration resources, from career assessments to work-shadowing alumni in fields of interest. The IQAC encourage career-mentoring programs where alumni, parents, and their friends volunteer to serve as career mentors or advisors. It offers the opportunity for both the student and parent to get involved together.

5.7 Details of campus placement

On campus				Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students with multiple offers	Number of Students Placed
33	600	254	404	15

5.8 Details of gender sensitization programmes

- Five of Women cell members had attend the " National Women's Parliament held on 10to 12th Feb, 2017 at Amaravathi.

5.9 Students Activities

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

| State/ University level | 49(Teams) | National level | 13 | International level | - |

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

| 07 | - | - |

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	-	-
Financial support from government		
Financial support from other sources	-	
Number of students who received International/ National recognitions	-	

5.11   Student organised / initiatives

Fairs   : State/ University level [01]   National level [-]   International level [-]

Exhibition: State/ University level [-]   National level [-]   International level [-]

5.12   No. of social initiatives undertaken by the students   [10]

5.13 Major grievances of students (if any) redressed: _____NIL_____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Sri Venkateswara College of Engineering & Technology (SVCET), Chittoor, Andhra Pradesh is affiliated to J.N.T.U, Anathapuramu, approved by A.I.C.T.E. and an ISO 9001:2000 certified institution. Sri Venkateswara College of Engineering and Technology is a brainchild of Bharatha Jyothi Dr. R.Venkataswamy, a Philanthropist and Educationist. He is the President of Srinivasa Educational Academy, which is running 23 institutions under various streams of education. His love for education and care for his native district manifested itself in the form of this college. The college came into existence during 1998.

Vision

Carving the youth as dynamic, competent, valued and knowledgeable Professionals who shall lead the Nation to a better future.

Mission

• Providing Quality Education, student-centred Teaching-learning processes and state-of-art Infrastructure for professional aspirants hailing from both rural and urban areas.
• Imparting technical education that encourages Independent thinking develops strong domain of knowledge, hones contemporary skills and Positive attitudes towards holistic growth of young minds.
• Evolving the Institution into a Centre of Academic and Research Excellence.

6.2 Does the Institution has a Management Information System

Yes, we have Edumanage Software System to maintain the college level information in single database.

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

6.3.1 Curriculum Development

1) Feedback on curriculum from academic peers from various stake holders.

2) Inputs from faculty, students, alumni, and industry representatives obtained through organized meetings and appraise to the board of studies for designing the curriculum.

3) Syllabus is revised every two years on the lines of UGC and AICTE model curriculum and keeping in view the latest developments in the areas of Science and Technology.

6.3.2 Teaching and Learning

1. The faculties of each department meet at the beginning of each academic session for term-wise allocation of syllabus assignments, contents, fix dates for the term-end tests and prepare the academic calendar/ teaching module of that session.

2. The departments organize students 'seminars, quiz contests and workshops.

3. Field study, Symposium, Project work and dissertation work carried out by the students in all departments.

4. The teaching-learning modalities of the institution are rendered to be relevant of the diversity of the learners.

5) Providing intensives to the faculty research papers in peer reviewed journals and applying research projects from the external funding agencies.

6.3.3 Examination and Evaluation

1. Assignment and mid examinations are conducted in every semester and their evaluation by concerned faculty.

2. The answer scripts of such tests are shown to the students and within one week and the grievances of the students are addressed.

6.3.4 Research and Development

1. Teachers are encouraged to apply for research projects by providing initial expenditure required for the submission of research proposals

2. The required infrastructural support is provided for the faculty involved in research projects.

6.3.5 Library, ICT and physical infrastructure / instrumentation

) The physical infrastructure has been developed by constructing a new building exclusively for the first B.Tech classes.

ii) The existing ICT facilities are improved for every class rooms, library, departments and in the office.

iii) Latest books and journals are purchased and subscribed to every year.

iv) Total automation for the library service.

v) Internet service has been made available to the library users.

6.3.6 Human Resource Management

a) Teachers are given additional charges for various extracurricular and Co-Curricular activities.

b) Student services are utilized in bringing awareness among the rural population in and around the Institution.

6.3.7 Faculty and Staff recruitment

The process of recruitment includes
1. Search for prospective candidates.
2. Short listing of prospective candidates.
3. Preliminary Selection – Staff Selection Committee
4. University Ratification of the selected candidates.

Search for Prospective Candidates:

1. Advertisements are placed in the leading Telugu and English dailies listing the openings.
2. The details of the openings including eligibility criterion, sale of pay and other conditions are displayed in the advertisement.

Application Procedures:

The application can also be downloaded from the website and should be submitted along with all necessary enclosures to the Administrative Office, on or before, the scheduled date.

Retired personnel from teaching/industry and R&D are encouraged to apply for the posts.

The application should include all the relevant authenticated data regarding age, academic qualifications with class/ Grades, experience, post held, publication list, statement of teaching interests, phone no, e-mail id and the name of three references (with contact information) together with attested copies of certificates and marks cards (of all the years/semesters) etc., in duplicate (in two sets).

Separate application is to be submitted in the event of candidates applying for more than one category of post.

Candidates, who had applied for the same posts before, have to apply afresh again The age limit is as per the AICTE/UGC norms and subsequent orders in force.

Short listing of prospective candidates:

Applications, when received, are organized, relevant information summarized, and sent to the respective HOD's by the Administrative office, for short listing.

Staff Selection Committee:

The Selection Committee is constituted in the following manner, with respective as listed below, for each department.

a. Head of the Institution / Principal Committee	- Chairman of the Selection
b. Representative of the Management Committee	- Member of the Selection
c. HOD of the Department Committee	- Member of the Selection
d. Subject Expert Committee	- Member of the Selection

The Committee will evaluate the suitability of prospective candidates for a particular position. Based on their observations, the committee will recommend the list of selected candidates. The successful candidates are issued offer letters with a 15 days time frame to accept the offer. After receiving acceptance letters from the candidates, appointment orders are issued to them. The principal of the college has a veto in the selection

University Ratification:

A committee with the following members is constituted under the chairmanship of the Vice Chancellor of the affiliating university, to oversee the ratification procedure. The members if committee include;

a. Subject Expert (2 to 3).
b. Principal of the affiliated college.
c. Secretary or Nominee of the Correspondent.
d. Nominee of the Commissioner of Technical Education.
e. Registrar of the affiliating university.
f. Director of Academic and Planning of the affiliating university.

The procedure in carried out on a regular basis, as per the requirement.

Qualification / Experience / Pay Scale for Faculty & Staff:

The Minimum Qualification and Experience prescribed for Faculty of Engineering / MBA / MCA is as

per AICTE / UGC norms.

Scale of pay for Faculty of Engineering / MBA & MCA is as per AICTE / UGC norms.

Minimum Qualification and Experience prescribed for Non-Teaching (Technical & Administrative Staff as per State Government Rules.

Scale of Pay for Non-Teaching (Technical & Administrative Staff is as per State Government norms.

6.3.8 Industry Interaction / Collaboration

The Industry Institute Interaction cell [IIIC] facilities exposure of Industrial atmosphere to students and subsequent help in placement of young graduating engineers in industries across the country. The collaboration is focused on Industrial Training, Curriculum Development, Joint projects, Internship, Technical workshops, Faculty development programmes, Industrial visits, Working model contests, Carrier Guidance, Expert lecturers etc. These activities are aimed to bridge the gap between industry and academia.

6.3.9 Admission of Students

B. Tech		
Admission	:	
Admission in to first year of Four Year B.Tech., Degree Program of study in Engineering :		

Eligibility	:	A candidate seeking admission into the first year of four year B.Tech., Degree Program should have Passed either Intermediate Public Examination conducted by the Board of Intermediate Education, Government of Andhra Pradesh with Mathematics, Physics and Chemistry as optional subjects (or any equivalent examination recognized by the Board of Intermediate Education and JNTU Anantapur) or Diploma in Engineering in the relevant branch conducted by the Board of Technical Education, Andhra Pradesh (or equivalent Diploma recognized by State Board of Technical Education, Government of Andhra Pradesh and JNTU Anantapur) for admission.
Admission Procedure	:	As per the existing stipulations of A.P State Council of Higher Education (APSCHE), Government of Andhra Pradesh, admissions are made into the first year of four year B.Tech., Degree Program as follows:

Seats under various categories are filled as per the norms prescribed by the Government of Andhra Pradesh.		
3.2 Admission into the second year of four Year B.Tech., Degree Program in Engineering:		
Eligibility	:	Candidates qualified in ECET (FDH) and / or admitted by the Convener, ECET (FDH).
In all such cases for admission, when needed, Permissions from the statutory bodies are to be obtained.		
Admission Procedure	:	Lateral Entry seats are filled as per the norms prescribed by the Government of Andhra Pradesh from time to time.

MBA

ELIGIBILITY FOR ADMISSIONS:
Admission to the above programme shall be made subject to the eligibility, qualifications and specialization prescribed by the competent authority for each programme, from time to time. Admissions shall be made either on the basis of merit rank obtained by the qualified candidates at an Entrance Test conducted by the University or on the basis of ICET score, subject to reservations and policies prescribed by the Government from time to time.
ADMISSION PROCEDURE:
As per the existing stipulations of AP State Council for Higher Education (APSCHE), Government of Andhra Pradesh, admissions are made into the first year as follows: a) Category –A seats are to be filled by Convenor through ICET score. b) Category-B seats are to be filled by Management as per the norms stipulated by Government of A.P.

MCA

ELIGIBILITY FOR ADMISSIONS:

Admission to the above programme shall be made subject to the eligibility, qualifications and specialization prescribed by the competent authority for each programme, from time to time. Admissions shall be made either on the basis of merit rank obtained by the qualified candidates at an Entrance Test conducted by the University or on the basis of ICET score, subject to reservations and policies prescribed by the Government from time to time.

ADMISSION PROCEDURE

As per the existing stipulations of AP State Council for Higher Education (APSCHE), Government of Andhra Pradesh, admissions are made into the first year as follows:

a) Category –A seats are to be filled by Convenor through ICET score.

b) Category-B seats are to be filled by Management as per the norms stipulated by Government of A.P.

M. TECH

ELIGIBILITY FOR ADMISSIONS:

Admission to the above programme shall be made subject to the eligibility, qualifications and specialization prescribed by the competent authority for each programme, from time to time. Admissions shall be made either on the basis of merit rank obtained by the qualified candidates at an Entrance Test conducted by the University or on the basis of GATE/PGECET score, subject to reservations and policies prescribed by the Government from time to time.

2.0 ADMISSION PROCEDURE:

As per the existing stipulations of AP State Council for Higher Education (APSCHE), Government of Andhra Pradesh, admissions are made into the first year as follows:

a) Category –A seats are to be filled by Convenor through PGECET/GATE score.

b) Category-B seats are to be filled by Management as per the norms stipulated by Government of A.P.

6.4 Welfare schemes for

Teaching	Group insurance, Staff Credit Co-Operative Society, Provident Fund, Festival Advance.
Non teaching	Group insurance, Staff Credit Co-Operative Society, Staff Welfare Fund, Provident Fund, Festival Advance.
Students	Students" Health Home, Free Studentship, Government Scholarships, Students Endowment Scheme, Award, Prize.

6.5 Total corpus fund generated   [--]

6.6 Whether annual financial audit has been done   Yes [√]   No [ ]

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

      NO

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

     For UG Programmes   Yes [√]   No [ ]

     For PG Programmes   Yes [√]   No [ ]

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

- Revaluation, Recounting, Q.R.Code (Not to duplicate certificates).
- Micro text, micro lining are introduced.
- Computerized post exam process
- Up-dation of double entry system for validating the errors before processing data.

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

Not Applicable

6.11 Activities and support from the Alumni Association

Alumni of college are meeting annually and suggesting for the growth of the Institution in terms of academic and infrastructure development.

6.12 Activities and support from the Parent – Teacher Association

- Every department holds regular meetings with Parents, to provide them feedback about the progress and Drawback of their wards.

- To get the feedback from the parents about transport, hostel, medical, rest room and canteen facilities.

6.13 Development programmes for support staff

- The technical staff are encouraged to upgrade their qualification.

- The supporting staff will be utilized for research works so that their skills and knowledge will be improved.

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

1. Eradication of mosquito problem frequently with fogging.
2. Tree plantation in the campus.
3. Promoting paper less office.
4. Rain water harvesting.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

> 1. The entire campus became Wi-Fi enabled in 2016.
>
> 2. The entire campus is under CC Camera surveillance.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

> 1. The college administration proposed a gradual move towards online admission and Student Management Software introduced for that.
>
> 2. NSS unit has taken up social work in Muthirevula, Bandarla palliand Nadim palli for blood donation camp, AIDs awareness programme and Pulse Polio Immunization.
>
> 3. Tree plantation taken up on campus.
>
> 4. Computers with Internet facility to all departments was proposed and was implemented to enhance teaching – learning process.

7.3 Give two Best Practices of the institution

> 1. Motivating students to refer NPTEL material and you tube animations along with the prescribed text book.
>
> 2. Encouraging students to present Seminars in the subject other than the prescribed for B.Tech courses.

7.4 Contribution to environmental awareness / protection

> 1. To generate environmental awareness among the students, the Institution has conducted a camp for the students to keep any premises clean and green
>
> 2. NSS Unit has created awareness among the public on the conservation and preservation of water resources for various purposes in order to prevent water pollution
>
> 3. The NSS volunteers regularly lead campaigns to prevent use of polythene and polythene products in the college campus.

7.5 Whether environmental audit was conducted?   Yes [√]   No [   ]

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

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SWOC ANALYSIS

STRENGTHS:

- Well Qualified, Experienced and Committed faculty.
- Incentives are provided to faculty to publish papers in peer reviewed journals.
- Infrastructure and Teaching Learning resources are quite adequate.
- The labs are fully equipped with state of art technology to meet PG and UG students requirement.
- The library is fully automated with RFID technology.
- Sufficient computing facility is available to meet the all administration requirements of the college.
- Faculty undergoing webinar to promote their academic skills.

WEAKNESSES:

- Most of the student are from the rural background and have lack of communication skills in English.
- Inadequate grants from UGC and AICTE and DST for development activities.
- Poor retention rate of faculty due to increased number. of engineering colleges in the region.
- Lack of sufficient placements due to poor communication skills of students from rural area.

OPPORTUNITIES:

- Having all necessary elements to become deemed to be university.
- Inter-disciplinary research centre can be established with funds received from UGC, AICTE and other agencies in the college to use the potency of senior professors.
- Value added courses can be introduced to improve the employability to students.
- Faculty and student exchange programmes can be implemented by having MOUs with leading universities and research organisations.
- Industrial consultancy services can be taken up by all the departments senior professors.
- Faculty and students exchange programmes with both academic and industry sectors.

CHALLENGES:

- Institute is to be improved to become the best technical institution in the state.
- Institute is to be ready to compete with the branches established by renowned foreign universities in the near future.
- Job opportunities for all the students of Institute.
- Motivating the faculty and students to involve in research and consultancy to various government and private agencies.

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8. Plans of institution for next year

- Effective utilization of MOO Courses from the academic year 2017-18.
- Development of infrastructure to satisfy various stake holdes.
- Proposed to construct new building for the establishment of computer centre and research laboratories.

Name   Dr. K. Ravindranath

Signature of the Coordinator, IQAC

Name   Dr. P. Bhaskar

Signature of the Chairperson, IQAC

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PRINCIPAL
S.V College of Engineering &
Technology (Autonomous)
Chittoor (A.P.)