



**M. MOHAN BABU**  
Dean - International Relations



**SVCET**  
Accredited by **AACU**, New Delhi  
Accredited by **UPEU**, Bangalore  
Affiliated to **JNTU**, Ananthapuram, (A.P)  
Recognized by **UGC** under 2(F) & 12(B)  
Approved by **AICTE**, New Delhi

To  
The Director,  
National Assessment and Accreditation Council (NAAC),  
Po Box No. 1075, Nagarbhavi,  
Bangalore 580 072

Dear Sir,

Sub:- Submission of Annual Quality Assurance Reports (**AQAR 2014-15** and **2015-16**) in respect of Sri Venkateswara College of Engineering and Technology (SVCET, Autonomous) Chittoor 517 127.

Preamble

Sri Venkateswara College of Engineering and Technology (SVCET) has been accredited by National Assessment and Accreditation Council (NAAC), with CGPA of 2.80 on four scale at B grade valid from May 01, 2015 for a period of 5 years.

SVCET – IQAC

As per the guidelines of NAAC, an Internal Quality Assurance Cell (IQAC) has been constituted under the chairmanship of Principal, SVCET as a post accreditation quality sustenance and enhancement measure. Prof. K. Ravindranath, Department of Mechanical Engineering has been nominated as coordinator of IQAC.

The Institution has prepared the Annual Quality Assurance Reports (**AQAR 2014-15** and **2015-16**) as per prescribed guidelines. The AQAR reports along with necessary enclosures are submitted herewith for your kind information.

Kindly acknowledge the same and oblige.

With regards,

Name : Dr. K. Ravindranath

Signature of the Coordinator, IQAC

Name : Dr. M. Mohan Babu

Signature of the Chairperson, IQAC



**Sri Venkateswara College of Engineering &  
Technology  
( Autonomous)**

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

Web site: [www.svcetedu.org](http://www.svcetedu.org)

e-mail : principal@svcetedu.org

**ANNUAL QUALITY ASSURANCE REPORT  
(2015-2016)**

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

2015-16

#### 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. M. Mohan Babu

Tel. No. with STD Code:

08572 245044

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

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)

Dated 01-05-2013

1.5 Website address:

Web-link of the AQAR:

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	1 <sup>st</sup> Cycle	B	2.78	16/09/2011	15/09/2016
2	2 <sup>nd</sup> Cycle	B	2.80	01/05/2015	31/04/2020
3	3 <sup>rd</sup> Cycle	-	-	-	-
4	4 <sup>th</sup> Cycle	-	-	-	-

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

1.8 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 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)

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)

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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	<input type="checkbox"/>	UGC-CPE	<input checked="" type="checkbox"/>
DST Star Scheme	<input type="checkbox"/>	UGC-CE	<input type="checkbox"/>
UGC-Special Assistance Programme	<input type="checkbox"/>	DST-FIST	<input type="checkbox"/>
UGC-Innovative PG programmes	<input type="checkbox"/>	Any other ( <i>Specify</i> )	DSIR
UGC-COP Programmes	<input type="checkbox"/>		

**2. IQAC Composition and Activities**

2.1 No. of Teachers	17
2.2 No. of Administrative/Technical staff	01
2.3 No. of students	04
2.4 No. of Management representatives	-
2.5 No. of Alumni	01
2. 6 No. of any other stakeholder and community representatives	04
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	03
2.9 Total No. of members	31
2.10 No. of IQAC meetings held	01

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

Non-Teaching Staff 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

1. To emphasize the outcome based education in the Institute.
2. To encourage faculty members to take-up research projects, consultancy and extension activities.
3. To have social responsibility in the students by involving in NSS and other social activities.
4. To make the entire college system to be automation.

### 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
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 the students	Feedback was taken from the students 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	-	13
UG	07	-	07
<b>Total</b>	20		20

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

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

Pattern	Number of programmes
Semester	20
Trimester	-
Annual	-

##### 1.3 Feedback from stakeholders\*

(On all aspects)

Alumni  Parents  Employees  Students

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-15 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
372	293	48	31	-

2.2 No. of permanent faculty with Ph.D.

40
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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
293	Nil	48	Nil	31	Nil	Nil	Nil	372	Nil

2.4 No. of Guest and Visiting faculty and Temporary faculty

-	-	-
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	12	37	-
Presented papers	12	40	-
Resource Persons	-	-	-

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

180
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during this academic year

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

All the faculty members

2.10 Average percentage of attendance of students

75%

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	133	88	66.16	70	52.63	18	13.53	-	-
EEE	120	83	69.19	75	62.5	08	6.66	-	-
ME	233	169	72.53	136	58.36	33	14.16	-	-
ECE	178	137	76.96	133	74.71	04	2.24	-	-
CSE	107	91	85.04	77	71.96	14	13.08	-	-
IT	33	28	84.84	27	81.81	01	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	236	214	90.67	208	88.13	06	2.54	-	-

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	91	88	96.70	88	96.70	-	-	-	-

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	15	14	93.34	14	93.34	-	-	-	-
PE&E D	07	04	57.14	04	57.14	-	-	-	-
EPS	11	06	54.54	06	54.54	-	-	-	-

CAD/ CAM	03	03	100	03	100	-	-	-	-
MD	07	06	85.71	06	85.71	-	-	-	-
VLSI (I- Shift)	06	06	100	06	100	-	-	-	-
VLSI (II- Shift)	04	04	100	04	100	-	-	-	-
DE&C S (II- Shift)	05	03	60	03	60	-	-	-	-
ES (II- Shift)	12	11	91.66	11	91.66	-	-	-	-
CSE (II- Shift)	08	08	100	08	100	-	-	-	-
CS	03	02	66.66	02	66.66	-	-	-	-

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

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	10
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	52
Others	-

#### 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	59	Nil	Nil	Nil
Technical Staff	13	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. 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	01	12	06	15
Outlay in Rs. Lakhs	20.20	322.15	132.84	4.5 Cr

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	116
Outlay in Rs. Lakhs	Nil	Nil	Nil	5.8Cr

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	222	17	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	34	89	-

#### 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 organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned Rs	Received Rs
Major projects		DST and UGC	132.84	112.60
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by	-	-	-	-

the University)				
Any other(Specify)	-	-	-	-
Total	-	-	132.84	112.60

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	--	5	-	-	-
Sponsoring agencies	--	STTP, FDP,SG	-	-	-

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	3
	Granted	0
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
2	-	2	-	-	-	-

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:

University level  State level   
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  Any other

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 ( $\geq$ 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) Central Library is equipped with latest reading resources with both print and electronic forms.
- 2) All the readings resources are bar coded.
- 3) Complete resources have been kept on open access system.
- 4) 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	37149	11786894	3372	1601700	40521	13388594
Reference Books	8174	2627497	673	322578	8847	2950075
e-Books						
Journals	6		154	298831	160	298831
e-Journals	169		4604	1066303	4773	1066303
Digital Database	2		4		6	
CD & Video	1680		320		2000	
Others (specify)						

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	870	09	40	01	01	15	700	140
Added	162	01	30	01	01	03	70	104
Total	1032	10	70	02	02	18	770	244

#### 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.22.12
ii) Campus Infrastructure and facilities	Rs.19.53
iii) Equipments	Rs. 23.90
iv) Others	Rs. 11.91
<b>Total:</b>	<b>Rs.77.46 /-</b>

## 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 communities to ensure smooth functioning of each unit. 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. Keeping in mind that student should have proper health to pursue their education, the IQAC has suggested that the college provides a properly equipped gymnasium for the students.

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

Individual departments, at the suggestion of the IQAC, try to keep track of the progress of their students.

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

UG	PG	Ph. D.	Others
3546	872	-	-

#### (b) No. of students outside the state

240

#### (c) No. of international students

507

Men

No	%
3307	74.7

Women

No	%
1111	25.3

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2457	295	23	1153	-	3928	2862	252	27	1277	-	4418

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

Microsoft (Dream spark )Apps Development program

No. of students beneficiaries

1060

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

NET  SET/SLET  GATE  CAT   
 IAS/IPS etc  State PSC  UPSC  Others

### 5.6 Details of student counselling and career guidance

The foremost step for students to visit the college career center. Most career centers have a wide variety of career exploration resources, from career assessments to work-shadowing alumni in fields of interest. We 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. Students can contact these IQAC to learn more about their career field and to network. For students IQAC counsels the importance of career exploration, plus strengthen the overall career-mentoring program and it wish to identify the own business contacts in a range of interests with whom student can schedule brief exploratory meetings.

### 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
16	720	219	160

### 5.8 Details of gender sensitization programmes

- On Women’s day celebrations a lecture was arranged on “Women rights topic”.
- Awareness programme for girl students on “Food and Nutrition” arranged.

### 5.9 Students Activities

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

State/ University level  National level  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

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	3174	105147600
Financial support from other sources	-	
Number of students who received International/ National recognitions	-	

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: 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 Edumanager 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.
- 2) Inputs from faculty, students, alumni, and industry representatives obtained through organized meetings fed into 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 field

### 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 publishing research papers in refereed 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

- i) 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 at the class rooms, library, departments and in the office.
- iii) Latest books and journals are purchased and subscribed to every year.
- iv) Total automation of the library service has been completed.
- 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, scale 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 of 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 is 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 [IIC] 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, Career Guidance, Expert lecturers etc. These activities are aimed to bridge the gap between industry and academia.

**6.3.9 Admission of Students**

<b>B. Tech</b>		
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**

<b>ELIGIBILITY FOR ADMISSIONS:</b>
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.
<b>ADMISSION PROCEDURE:</b>
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 Convener 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?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	YES	SV University Faculty Tirupati	YES	Academic Council & Governing Body.
Administrative	YES		YES	Governing Body

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

- Rain water harvesting.
- Eradication of mosquito problem frequently with fogging.

## 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 palli and Nadim palli for blood donation camp, AIDs awareness programme and Pulse Polio Immunization.
3. Tree plantation taken up on campus.
4. Computer 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 (*please see the format in the NAAC Self-study Manuals*)

1. Motivating students to refer NPTEL material 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)

## SWOC ANALYSIS

### STRENGTHS:

- Well Qualified, Experienced and Committed faculty.
- 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.

### 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:

- 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 MOU with leading universities and research organisations.
- Industrial consultancy services can be taken up by all the departments senior professors.

### 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.

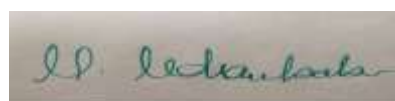
### 8. Plans of institution for next year

- Prepared to conduct MOOC Courses from the academic year 2017-18.
- Development of infrastructure such as all weather courts for Basket ball and Tennis.
- 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. M. Mohan Babu

\_\_\_\_\_  
Signature of the Chairperson, IQAC

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