

The Annual Quality Assurance Report (AQAR) of the IQAC

1st June 2016-31st May 2017

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

1. Details of the Institution

1.1 Name of the Institution

SRI VASAVI ENGINEERING COLLEGE

1.2 Address Line 1

PEDATADEPALLI

Address Line 2

TADEPALLIGUDEM

City/Town

ANDHRA PRADESH

State

534101

Pin Code

principal@srivasaviengg.ac.in

Contact Nos.

08818-284355

Name of the Head of the Institution:

Dr.B.Brahmaiah

Tel. No. with STD Code:

08818-284355

Mobile:

9949248607

Name of the IQAC Co-ordinator:

Dr. J. SRIHARIRAO

Mobile:

9491520201

IQAC e-mail address:

svec.iqac@gmail.com

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

APCOGN24512

1.4 NAAC Executive Committee No. & Date:

(*For Example EC/32/A&A/143 dated 3-5-2004.*

EC(SC)/12/A&A/12.1

*This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)*

1.5 Website address:

www.srivasaviengg.ac.in

Web-link of the AQAR:

<http://www.srivasaviengg.c.in/IQAC/SVEC-AQAR-2016-17.pdf>

1.6 Accreditation Details

S1. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	'A' (NAAC)	3.18	2016	Up to 2021
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC:

DD/MM/YYYY: 07/09/2015

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 _____ N/A _____ (DD/MM/YYYY)4
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.10 Institutional Status

University:	N/A	State	<input type="checkbox"/>	Central	<input type="checkbox"/>	Deemed	<input type="checkbox"/>	Private	<input type="checkbox"/>
Affiliated College		Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>				
Constituent College		Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Autonomous college of UGC		Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Regulatory Agency approved Institution		Yes	<input type="checkbox"/>	AICTE	<input type="checkbox"/>	No	<input type="checkbox"/>		
✓ (eg. AICTE, BCI, MCI, PCI, NCI)									
Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>			
	Urban	<input type="checkbox"/>	Rural	<input checked="" type="checkbox"/>	Tribal	<input type="checkbox"/>			
Financial Status	Grant-in-aid	<input type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12B	<input checked="" type="checkbox"/>			
	Grant-in-aid + Self Financing	<input type="checkbox"/>	Totally Self-financing	<input checked="" type="checkbox"/>					

1.11 Type of Faculty/Programme

Arts	<input type="checkbox"/>	Science	<input type="checkbox"/>	Commerce	<input type="checkbox"/>	Law	<input type="checkbox"/>	PEI (Phys Edu)	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input checked="" type="checkbox"/>	Health Science	<input type="checkbox"/>	Management	<input checked="" type="checkbox"/>		
Others (Specify)	<input type="text" value="."/>								

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

Autonomy by State/Central Govt. / University	<input type="checkbox" value="N/A"/>	<input type="checkbox"/>
University with Potential for Excellence	<input type="checkbox" value="-"/>	UGC-CPE <input type="checkbox"/>
DST Star Scheme	<input type="checkbox" value="-"/>	UGC-CE <input type="checkbox"/>
UGC-Special Assistance Programme	<input type="checkbox" value="-"/>	DST-FIST <input type="checkbox"/>
UGC-Innovative PG programmes	<input type="checkbox" value="-"/>	Any other (Specify) <input type="text" value="-"/>
UGC-COP Programmes	<input type="checkbox" value="-"/>	

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="09"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="01"/>
2.3 No. of students	<input type="text" value="01"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="-"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="-"/>
2.8 No. of other External Experts	<input type="text" value="01"/>
2.9 Total No. of members	<input type="text" value="14"/>

2.10 No. of IQAC meetings held: (in 2016-'17)

2.11 No. of meetings with various stakeholders:

No.	<input type="text" value="3"/>	Faculty	<input type="text" value="2"/>				
Non-Teaching Staff	<input type="text" value="01"/>	Students	<input type="text" value="-"/>	Alumni	<input type="text" value="-"/>	Others	<input type="text" value="-"/>

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

Scope of the Activities of IQAC:

- **Review of:**
Result analysis – Measures to be taken for improvement
- **Organizing:**
 - FDPs at college level.
 - Pedagogy training at college level
 - Guest lectures at college level
 - Staff development Activities
- SWOC Analysis
- Data collection & data maintenance
- Preparation of AQAR
- Disbursement of:
Best outgoing student Award
Endowment Awards
Merit scholarships
Honors/awards/incentives to faculty/staff.
- Implementation of:
Best Practices;
Academic/Non academic reforms
- Monitoring of college website
- Suggesting Bench marks
- Creation of Learner Centric Environment
- Arranging Academic Audit
- Any other activity that enhances the quality of Teaching – Learning process.

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
<ul style="list-style-type: none"> • To felicitate employees with long standing in the college to increase their morale. 	<ul style="list-style-type: none"> • 25 faculty and 38 Non-teaching staff were felicitated for serving the college for the last 10 years or more.
<ul style="list-style-type: none"> • To institute all rounder Gold Medal to enhance student participation in Co-curricular and extra-curricular activities. 	<ul style="list-style-type: none"> • Applications from the outgoing students were invited in the month of March and Mr.S.Rajeswara Sesha Reddy of CSE has been adjudged as the Best Out going UG student.
<ul style="list-style-type: none"> • To award Roll of Honour Gold Medals. 	<ul style="list-style-type: none"> • Gold Medal was awarded to the topper of each branch of B.Tech. program.

Plan of Action	Achievements
<ul style="list-style-type: none"> • To revise Vision & Mission statements of college. 	<ul style="list-style-type: none"> • A work shop on "Review & Revision of Vision, Mission statements and Quality Policy" of the college was conducted on 21st February, 2017.
<ul style="list-style-type: none"> • To create more seminar halls with all facilities. 	<ul style="list-style-type: none"> • Two new seminar halls with seating capacity of 90 & 120 students are created with audio, video facilities.

* Attach the Academic Calendar of the year as Annexure.

2.16 Whether the AQAR was placed in statutory body Yes No

Management

Syndicate

any other body

IQAC

Provide the details of the action taken

Approved

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes (2016-17)

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			All the existing programmes are self-supporting.	
PG	8			
UG	5			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	13			
Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: **Core/Elective option**

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	13
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.

University revised the curriculum for the batch admitted in 2016. Grading system introduced in place of marks.

Weighted average of the performance in both the MID examinations will be used for internal evaluation.

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
(2016-17)

Total	Asst. Professors	Associate Professors	Professors
227	182	33	12

2.2 No. of permanent faculty with Ph.D.

29

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year (2016-17)

Asst. Professors		Associate Professors		Professors		Total	
R	V	R	V	R	V	R	V
26	-	7	-	2	-	34	-

2.4 No. of Adjunct faculty

02

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	5	
Presented papers	10	9	
Resource Persons		2	

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

- Use of PPTs wherever necessary.
- Hands on workshops on Robotics, Ethical hacking etc.,
- Class Review committee meetings, online feedback from students.
- Students' seminars & use of digital library.
- Internships during summer vacation.
- Industrial/Site Visits.
- Guest Lectures by experts.
- QEEE (IITM) live lecture, MOOCs programs.
- Project exhibitions.
- Interactive sessions with persons from industry.
- Funding from management for innovative student projects.
- Campus recruitment related training by professional agencies.
- BOSSMOOL Certification programs.
- Personality Development programs.

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

- Working days in the Academic year- 253
- 185 days of instruction + Examination days

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)	As per JNTUK Norms
2.9 No. of faculty members involved in curriculum Restructuring/revision/syllabus development as member of Board of Study	03 faculty members as BOS Members of other autonomous institutions
2.10 Average percentage of attendance of students	>75%
2.11 Course/Programme wise distribution of pass percentage:	

Title of the Programme	Total no. of students appeared	Number of students Passed	Division		
			Number of Students		
			Distinction	I Class	II Class
Civil	73	51 (69.86%)	28	22	1
EEE	108	79 (73.15%)	31	45	3
ME	130	87 (66.92%)	24	59	4
ECE	202	142 (70.30%)	60	75	7
CSE	169	122 (72.19%)	57	61	4
Overall	682	481 (70.53%)	200	262	19

Performance of College Toppers:

Sl.No	Branch	Percentage of Marks obtained by Toppers		
		2017	2016	2015
1.	CIVIL	84.93	81.88	82.89
2.	EEE	79.82	87.67	85.57
3.	MECH	78.98	81.3	79.69
4.	ECE	85.52	83.29	82.67
5.	CSE	82.47	78.51	85.91

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

- Motivating the departments to slowly transform into Learner Centric Education system.
- Initiated the idea of awarding Best out Going Student Gold Medal to motivate the students to participate in extra and co-circular activities for their overall personality development.
- Creating facilities for organizing online lectures like QEEE & MOOCS.
- Performing critical analysis of the results and suggesting corrective steps for improvement.
- Creation of data base for various activities and its updating.
- Monitoring and updating college website.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
HRD programmes	-
Orientation/Pedagogy programmes	
Faculty exchange programme	-
Faculty Development Programs including Workshops at the College/Other Institutions	85
Conferences/Seminars etc.,	26
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	65	-	9	-
Technical Staff	53	-	2	-

Criterion – III

3. Research, Consultancy and Extension

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

- Augmentation of labs with latest equipment & software.
- Deputation of faculty to attend seminars/conferences.
- Reimbursement of Registration fee and T.A/D.A.
- Budget allocation for in house R&D.
- Special leave for Ph.D related works.
- Financial assistance to apply for patents

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number				02
Outlay in Rs. Lakhs				Rs. 22.0 Lakhs

3.3 Details regarding minor projects (Internal)

	Completed	Ongoing	Sanctioned	Submitted
Number	4			
Outlay in Rs. Lakhs	Rs.4.2 Lakhs			

3.4 Details on research publications

	International	National	Others
Peer Review Journals	47	2	
Non-Peer Review Journals	-	-	-
e-Journals	16	1	
Conference proceedings	15	10	

3.5 Details on Impact factor of publications:

Range **0.2 to 6.18** Average **2.67** h-index **19** Nos. in SCOPUS **15**

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	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the				
No External Funding				

University/ College		
Students research projects <i>(other than compulsory by the University)</i>		
Any other(Specify)		
Total		

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 <input type="text" value="-"/>	CAS <input type="text" value="-"/>	DST-FIST <input type="text" value="-"/>
DPE <input type="text" value="-"/>		DBT Scheme/funds <input type="text" value="-"/>

3.9 For colleges	Autonomy <input type="text" value="-"/>	CPE <input type="text" value="-"/>	DBT Star Scheme <input type="text" value="-"/>
	INSPIRE <input type="text" value="-"/>	CE <input type="text" value="-"/>	Any Other (specify) <input type="text" value="Seminar and Workshop grant form DST SERB"/>

3.10 Revenue generated through consultancy

3.11 No. of conferences/Seminars organized by the Institution during the year (2016-17)

Level	International	National	State	University	College
Number		1			
Sponsoring agencies		DST			

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 <input type="text" value="-"/>	From Management of College <input type="text" value="Rs 15.0 Lakh"/>
Total <input type="text" value="Rs 15.0 Lakh"/>	

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	One
	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

6
2

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

-

No. faculty acquired Ph.D qualification during 2016-'17:

6

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events: Nil

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:

N/A

University level State level

National level International level

3.24 No. of Awards won in NCC:

N/A

University level State level

National level International level

3.25 No. of Extension activities organized

University forum

College forum

NCC

Blood donation camp
and other assistance by
SAHAYA, LEE & YUVA
teams

NSS

Any other

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

- Blood Donation camp on 4/7/2016.
- College Merit Scholarships given to 130 students.
- Concessions in different forms to poor students.
- Assistance to physically challenged etc., by "SAHAYA-Helping Hands" and "YUVA-Society Needs You" groups.
- Providing accommodation to the temporary campus of NIT, AP.
- Campus IT infrastructure used for conducting various online recruitment tests and also for training some of the government employees.

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	25.02 Acres	-	-	25.02 Acres
Number of Class rooms	63	6	Internal	69
Number of Laboratories	42	2	Internal	44
Number of Seminar Halls	4	2	Internal	6
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	-	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	70.6	Internal	
Others Solar Power units (Rs. In lakhs)	-	53.5	Internal	-

4.2 Computerization of administration and library

- MIS is being implemented.
- Student data is computerized.
- Bio-metric attendance for employees.
- Fully automated library with:
 1. Computerized issue and return of library books.
 2. Online public access catalogue (OPAC)
 3. Recording of student entry and exit timings using ID card.

4.3 Library services:

	Existing (up to March 31, 2016)		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	25259	10229895	6567	2685903	31826	12915798
Reference Books	1122	4495947	1358	556233	2480	5052180
e-Books(IEEE,ASPP,ASCE & ASME)	1300			(Open Source)		
Journals	158	278026	160	287073	318	565099
e-Journals	231	851180	234	1033668	465	1884848
Digital Database						
CD & Video:						
Magazines						
Text Books	2045 308	Free	34	Free	2079	
Others(specify)						
Project Works	2276		202			
Back Volumes	558					
NPTEL	511 Courses					

4.4 Technology up gradation (overall)

	Total Computers	No. of Computers in						Internet is accessible from all the systems
		CSE Department	Other Departments	Digital Library	Computer Centre (1 st Year Lab)	Office	Other (R&D labs)	
Existing	772	282	314	69	63	44	-	
Added	95	-	79	-	-	-	16	
Total	867	282	393	69	63	44	16	

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

- Minimum two class rooms in each department and all seminar halls are equipped with LCD projectors and other accessories.
- All the computer systems in the college are connected to the internet with 32mbps speed.
- Campus is Wi-Fi enabled.

4.6 Amount spent on maintenance in lakhs:

i) ICT (Internet bandwidth)	Rs. 5.10 Lakhs
ii) Campus Infrastructure and facilities (Security, Water, Electricity, Telephone, Landscaping etc.,)	Rs.161.04 lakhs
iii) Repair & Maintenance of Equipments	Rs.9.36 Lakhs
iv) others (Journals, E-resources, Advertisement)	Rs.17.87 Lakhs
Total :	Rs. 193.37 Lakhs

Total Recurring expenditure including salaries: **1422.36534 Rs. in Lakhs**

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC proposed to establish A.V.Club.
- It encourages students to participate in QEEE and MOOCS lectures.
- It encourages students to learn using DIY methods & NPTEL lecture materials.
- Monitoring and updating college website.
- Training programs on personality development & GATE coaching etc.,
- The training section conducts periodic on-line tests to monitor the progress of the students with regard to their readiness for recruitment drives

5.2 Efforts made by the institution for tracking the progression

- Attendance monitoring, informing the parents and counselling the students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2823	292	-	-

(b) No. of students outside the state

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(c) No. of international students

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No	%
1875	60.2%

No	%
1240	39.8%

Women

Last Year (2015-16)						This Year (2016-17)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1803	235	2	935	-	2975	1907	243	4	961	-	3115

Demand ratio: N/A

Dropout %: <1%

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

There is a training section to provide training on aptitude, communication skills & CRT related activities.
Faculty volunteer to offer coaching for GATE.

No. of students beneficiaries

About 700 students are benefited every year

5.5 No. of students qualified in these examinations

NET	<input type="text"/>	SET/SLET	<input type="text"/>	GATE	<input type="text"/> 8	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text"/>

5.6 Details of student counselling and career guidance

Every group of 15-20 students are assigned to one faculty member as counsellor. A Counselling record is maintained for each student.
Career Guidance is provided by the T&P section.
Industry HRs & other experts from industry are invited to interact with students.

No. of students benefitted

3500 students through counselling
600 students for career guidance

5.7 Details of campus placement (2016-17)

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
34	450	263	48

5.8 Details of gender sensitization programmes

International Women's Day (08-03-2017)
Women's Grievance redressal cell.

5.9 Students Activities

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

State/ University level 79 National level International level

No. of students participated in cultural events

State/ University level 400 National level International level

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

Sports: State/ University level 10 National level International level

Cultural: State/ University level 45 National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution	130	19,25,000
Financial support from government	2144	7,96,16,900
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: _____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

- To be a Premier technological institute striving for excellence with global perspective and commitment to the Nation.

Mission:

- To produce Engineering Graduates of Professional quality and global perspective through Learner centric Education.
- To establish linkages with government, industry and Research laboratories to promote R&D activities and to disseminate innovations.
- To create an eco-system in the institute that leads to holistic development and ability for life-long learning.

6.2 Does the Institution has a management Information System

- Partially- student information, employee information, placement details are available through BEES ERP.
- Intra college written communication is done through A-mail.

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

6.3.1 Curriculum Development

- Affiliated college- Follows the curriculum prescribed by JNTUK.

6.3.2 Teaching and Learning

- Uses modern tools like PPT, videos, online lectures, guest lectures, seminars, projects and laboratory work etc.,
- Drifting towards OBE.

6.3.3 Examination and Evaluation

- As per the rules & regulations of JNTUK – Internal: 30% and External: 70%

6.3.4 Research and Development

- 45 faculty members registered for Ph.D and working.
- IOT and Robotics labs were established.
- Faculty sponsored to attend conferences & present papers.
- Provision for seed money in the budget for R&D activity.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Digital library with 70 systems with net connectivity.
- Spacious library with a seating capacity of about 600 persons and discussion rooms.
- Library has more than 30,000 print volumes and e-resources.

6.3.6 Human Resource Management

- Faculty are being sent to higher institutes for FDPs and exposure.
- Guest lectures by experts arranged for exposure.

6.3.7 Faculty and Staff recruitment

- Faculty and staff are recruited as and when required.
- Normally major recruitment is done before the beginning of the academic year.
- Regular recruitments were made through paper advertisement by Inviting applications and conducting interviews.
- Some times candidates are selected through Walk-in Interviews.
- Senior faculty recruited some times by invitation.

6.3.8 Industry Interaction / Collaboration

- Signed 4 MOUS with industry during 2016-17.
- Total no. Of MOUS in vogue: 11

6.3.9 Admission of Students

Admissions are made as per the norms and guidelines issued by State Council of Higher Education, Government of A.P.

6.4 Welfare schemes for

Teaching	EPF, M.I, Felicitation & awards
Non teaching	EPF, E.S.I, Felicitation & awards
Students	Group Insurance

6.5 Total corpus fund generated

N/A

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	No		Yet to be conducted	
Administrative	No		No	

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

For UG Programmes	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
For PG Programmes	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

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

- University changes regulations once in 3 years.
- On-line delivery of question paper.
- Online evaluation of Quiz Tests, Jumbling of exam centres for Semester End Exams.

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

University has provision to promote autonomy to the affiliated colleges.

6.11 Activities and support from the Alumni Association

- Alumni interacts with current students during their occasional visits to the college.
- Alumni extend their support in providing internships to the current students.
- It is proposed that every batch of B.Tech students may visit the campus for a decade re-union and have a get-together on the campus during the 10th year of their graduation.
- College gets feedback and suggestions from Alumni through online interaction.

6.12 Activities and support from the Parent – Teacher Association

- There is no formal Parent-Teacher Association. However at the beginning of every academic year an Orientation/Induction program for the I B.Tech students along with their parents is arranged.
- Parents are invited along with their wards for the distribution of Merit Scholarships.
- Every Semester progress reports of the students are sent to their parents and parents of students with poor performance are requested to visit the college and meet the Head of the Department concerned.

6.13 Development programmes for support staff

- Need based training

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

- Gardening staff continuously work for the maintenance of Aesthetic and Green Ambiance.
- Rain water harvesting system exists.
- 100KW solar power plant installed.
- Solar water heaters available in Hostels.
- Bio-gas plant and R.O plant for drinking water are available.

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.

Endowment Award to B.Tech students for best performance in Mathematics.

Revision of Faculty Self Appraisal format to cover all activities.

Curriculum: The affiliating University revised the curriculum of UG & PG courses for the batches admitted during 2016-'17.

Technology Usage: QEEE online lectures by Professors of IIT were attended by students in specific subjects.

Research: IOT and Robotics laboratories are established in collaborations with M/S Thingtronics Pvt.Ltd, Bangalore and IIT Bombay respectively.

Industry: Interactive sessions with HRs and other experts from industry are arranged

Ensuring Quality: Online Feedback from students on the teaching of different courses is being taken in the middle of each semester.

Faculty Development: Faculty members were deputed to attend FDPs, Workshops, Conferences and Presenting Papers by paying registration fee and T.A.

Student Support and Motivation: Bridge course in Mathematics was arranged for students joining the college through lateral entry into 2nd year of B.Tech.

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

- A no.of guest lectures by experts from Industry and academic institution were arranged.
- Faculty & support staffs with 10 years & above service in the college were felicitated by the management to motivate them.
- Gold Medal for Best Out Going U.G. student was awarded.
- Branch Toppers were awarded gold medals.
- Workshop was conducted to review and revise Vision & Mission statements of the college.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Merit scholarship for 4 years for top rankers in EAMCET and for continued good performance in subsequent semesters.
- Award of Gold Medal to the Roll of Honour student in each branch.
- Gold Medal for Best out Going UG student (all rounder) every year.
- Felicitation to employees with 10 or more years of experience in the college.
- Orientation program for new students
- Address by Police and Legal cell authorities about the ill effects of Ragging and punishments for Ragging

***Provide the details in annexure (annexure need to be numbered as i, ii,iii)**

7.4 Contribution to environmental awareness / protection

- World environment day celebrated.
- One course on “Environmental Science” taught to students.
- Tree Plantation was done.
- Student vehicles not allowed into the 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)

- **Strength:**
 - Highly supportive management with good infrastructure.
 - Progressive growth in intake; qualified faculty with good retention.
- **Weakness:**
 - Majority students being from rural background, poor in English Communication skills.
 - Lack of Public transport.
- **Opportunity:**
 - Increased employment opportunities in the state after division.
- **Challenges:**
 - Competition from regional & global institutes in the new state.
 - Frequent obsolescence of infrastructure due to rapid developments in technology.

8. Plans of institution for next year

- To create Learner Centric Environment.
- To have well planned academic calendar “with Inter Semester break” to organize seminars, conferences, FDPs, workshops etc.
- To implement Academic reforms towards learner centric and outcome based education.
- To focus on R&D and Consultancy activities.
- To try for funded research projects.
- To establish skill development centre.
- To establish research centres.

Name Dr.J.Srihari Rao



Signature of the Coordinator, IQAC

Name Dr.B.Brahmaiah



Signature of the Chairperson, IQAC

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