

The Annual Quality Assurance Report (AQAR) of the IQAC

Here we are submitting the annual self-reviewed progress report of the institution through IQAC to the NAAC. The tangible results achieved by the institution in various fields, identified by the institutional IQAC for the academic year 2015-16 are presented here.

Part – A

AQAR for the year

2015-16

I. Details of the Institution

1.1 Name of the Institution

Sasi Institute of Technology and Engineering

1.2 Address Line 1

Near Aerodrome

Address Line 2

Kadakatla

City/Town

Tadepalligudem

State

Andhra Pradesh

Pin Code

534101

Institution e-mail address

office@sasi.ac.in

Contact Nos.

08818-275500

Name of the Head of the Institution:

Dr. K Bhanu Prasad

Tel. No. with STD Code:

08818-275500

Mobile:

9177785599

Name of the IQAC Co-ordinator:

Prof. N. Venkatarao

Mobile:

8096700007

IQAC e-mail address:

deanece@sasi.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

APCOGN20953

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)/04/A&A/93 dated 10.12.2014

1.5 Website address:

www.sasi.ac.in

Web-link of the AQAR:

www.sasi.ac.in/downloads/naac/APCOGN20953 -
SasiInstituteofTechnologyandEngineeringTadepalli
gudemAP-2015-16.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.14	2014	5 years
2	2 nd Cycle	-	-	-	-
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

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

20/07/2013

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 _____ (DD/MM/YYYY)
 ii. AQAR _____ (DD/MM/YYYY)
 iii. AQAR _____ (DD/MM/YYYY)
 iv. AQAR _____ (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)

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)

JNTUK KAKINADA

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

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

2. IQAC Composition and Activities

2.1 No. of Teachers	18
2.2 No. of Administrative/Technical staff	-
2.3 No. of students	-
2.4 No. of Management representatives	1
2.5 No. of Alumni	-
2.6 No. of any other stakeholder and community representatives	-
2.7 No. of Employers/ Industrialists	-
2.8 No. of other External Experts	-
2.9 Total No. of members	19
2.10 No. of IQAC meetings held	2

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. Developing quality parameters for various academic / administrative activities of the institute.
2. Assessing the quality parameters and providing required suggestions for the improvement.
3. Conducting seminars / workshops on quality related issues.
4. Conducting faculty development programmes on emerging technologies for faculty.
5. Arranging training on latest technologies for students.
6. Encouraging R&D and Consultancy.

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	Actions taken
To impart Quality Education	<ol style="list-style-type: none"> a. Blooms taxonomy levels are used in making question paper b. Four Sets of questions are to be submitted for the Mid Exams. c. The CO assessment is taken as criteria to assess the efficiency of teaching and learning process. d. Weaker students are identified and more care is taken during tutorial hours for improvement in

	<p>exams.</p> <p>e. All the class rooms are equipped with overhead projectors, projector screens, Display boards.</p> <p>f. Semester wise Academic Data from HODs for analysis is collected.</p> <p>g. Feedback is taken from stakeholders for the improvement of teaching-learning processes.</p>
To provide need based Teaching	<p>a. Additional revision lectures and practical sessions are conducted.</p> <p>b. Support from expert guest faculty from industry and academia is taken and guest lectures are arranged.</p>
To encourage staff and students participation in seminar, workshop and conference.	<p>a. Encouragement is provided to the students for doing innovative projects and to attend national level competitions.</p> <p>b. Academic project assessment is done to improve the quality of projects.</p> <p>c. Many Faculty members attended faculty development programs to enhance their domain expertise and knowledge of latest trends.</p> <p>d. Guidance is given and sponsored one way fare to the students to participate in national level inter institution Competitions/seminars/workshop</p> <p>e. Encouragement is given to apply for various project funding agencies.</p>
To send SMS alert to the parents about progress of their wards	<p>a. Alerts of Attendance and performance of students are sent to the parents.</p> <p>b. Communication with Parents is done through SMS.</p>
Arranging training on latest technologies for students.	<p>a. Training programs were conducted on latest technologies for the benefit of the students.</p> <p>b. Training and placement cell is advised to improve the industry college interaction.</p>

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

The IQAC meets regularly to discuss various issues relating to teaching learning process, Research & Development, Placements. The plans of the IQAC are submitted to Principal, who intern discusses with all the Heads of the departments for appropriate action.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	0	0	0	0
PG	7	0	7	0
UG	6	0	6	0
PG Diploma	0	0	0	0
Advanced Diploma	0	0	0	0
Diploma	3	0	3	0
Certificate	0	0	0	0
Others	0	0	0	0
Total	16	0	16	0
Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	16
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.

No

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

No

Criterion – II**2. Teaching, Learning and Evaluation**

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	199	171	21	07	-

2.2 No. of permanent faculty with Ph.D. 8

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
	29	-	-	-	-	-	-	-	29	-

2.4 No. of Guest and Visiting faculty and Temporary faculty NIL NIL NIL

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	41	2	0
Presented papers	57	3	0
Resource Persons	0	0	0

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

1. 24X7 Wi-Fi enabled campus providing for technology access.
2. Overhead projectors in every classroom
3. Use of ICT and modern pedagogical techniques.
4. Arranging Guest lectures on advanced topics by the Eminent Academicians and industry experts.
5. A good number of video lessons (NPTEL & MIT) are available and they are being used for the better understanding of the subjects.
6. Teachers prepared lecture materials incorporating the audio visual methods. Many such lecture outlines are also given to the students as reading materials
7. HOD periodically monitored teacher's dairy and lesson plans and suggest corrective measures for deviations if any.
8. Group discussions, Case studies, problem based learning practices.
9. Continuous evaluations through projects, presentations and quizzes, etc

2.7 Total No. of actual teaching days during this academic year 187

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

- Internal Assessment
- Quiz (Online)
- Assignments

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

NA	NA	NA
----	----	----

2.10 Average percentage of attendance of students

87.15

2.11 Course/Programme wise distribution of pass percentage:

UG Programs

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
CE	63	17.4	50.79	26.98	4.76	99.93
CSE	120	27.5	44.16	1.6	0.00	73.33
ECE	135	37.8	34.07	11.11	0.00	82.96
EEE	123	17.07	45.5	11.3	0.00	73.9
ME	124	25.00	45.97	12.10	0.00	83.06
IT	10	0.00	30.00	0.00	0.00	30.00

PG Programs

Batch	Name of the Program	Pass Percentage	% of successfully completed students in	
			First Class	Second Class
2015-16	MBA	32.0	28	0
	CSE	20.0	1	0
	VLSI & ES	0.0	0	0
	VLSI	-----	-----	0
	CE&SP	0.0	0	0
	PE	-----	-----	0
	CAD/CAM	0.0	0	0

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

- IQAC always monitors and evaluates the effectiveness of the Teaching Learning process by conducting class tests, question answer sessions and by taking feedbacks from the students
- IQAC has been closely monitor all the academic activities such as content beyond the syllabus and value added courses.
- Internal & External Academic Audit.
- Collects course files randomly and assess the process followed and the attainment of Course Outcomes.

- Identify the new methods of teaching adopted by the faculty and shares' the same among the faculty
- Collect the project reports randomly from the departments and evaluate the quality of reports and same will be submitted for the discussion at IQAC quarterly meeting
- Organization of workshops, seminars, staff development activities to promote faculty development

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	34
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	29
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	46	Nil	5	Nil
Technical Staff	27	Nil	7	Nil

Criterion – III

3. Research, Consultancy and Extension

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

The following initiatives are suggested by the IQAC to sensitize / promote research climate in the institution.

➤ **Autonomy to the principal investigator**

The Principal investigators who were sanctioned projects from various organizations like AICTE, MHRD etc., are given full autonomy in executing the project as per the guidelines of the funding agencies and also provides matching grants, if required.

➤ **timely availability or release of resources**

Principal maintains separate accounts to each project sanctioned by external agencies and institute provides all facilities and maintains timely release of project funds for completion of the project.

➤ **adequate infrastructure and human resources**

The departments have established research labs with necessary software and computing facilities to carryout research projects. College recruited senior faculty possessing Ph.D degree who are competent to take up and guide research projects. Central library facilities are enhanced up dating with online national and international journals, digital library, hand books, reference books and material related to research activity.

➤ **time-off, reduced teaching load, special leave etc. to teachers**

Faculty members working on major research projects are given the facility of reduced teaching work load in addition to sanctioning academic leave for attending the workshops/seminars relevant to their research projects and associated works. Cash awards are introduced to faculty publishing papers in reputed journals.

➤ **support in terms of technology and information needs**

The institute/department encourages the students and faculty to utilize the laboratories, library, computer centre and software for carrying out their research projects and also provides facility for obtaining the necessary information and technology from external sources.

The college also make budget provisions to procure necessary equipment for experimental projects, subscribes to research journals to strengthen the library with latest journals, reference books and text books.

➤ **facilitate timely auditing and submission of utilization certificate to the funding authorities**

After completion of project by the principal investigator, the college arranges for auditing; assists in obtaining the utilization certificate for submission to the respective funding authority.

➤ **any other**

The college invites scientists and reputed researchers to share their experiences which enhance the research culture in the campus.Provision for internal R&D funding.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	1
Outlay in Rs. Lakhs	-	-	-	16

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	-	12	12
Outlay in Rs. Lakhs	1.1	-	2.53	2.53

3.4 Details on research publications

	International	National	Others
Peer Review Journals	37	0	-
Non-Peer Review Journals	0	0	-
e-Journals	29	0	-
Conference proceedings	1	0	-

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	Received
Major projects	--	--	--	--
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>	--	--	--	--
Any other(Specify)	--	--	--	--
Total				

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

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

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

3.13 No. of collaborations International National Any other 3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College Total

3.16 No. of patents received this year

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

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

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

3.18 No. of faculty from the Institution who are Ph. D. Guides
and students registered under them 3.19 No. of Ph.D. awarded by faculty from the Institution

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level	<input type="text" value="452"/>	State level	<input type="text" value="222"/>
National level	<input type="text" value="617"/>	International level	<input type="text" value="600"/>

3.22 No. of students participated in NCC events:

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

3.23 No. of Awards won in NSS:

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

3.24 No. of Awards won in NCC:

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

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="1"/>	
NCC	<input type="text" value="12"/>	NSS	<input type="text" value="-"/>	Any other <input type="text" value="-"/>

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

- World AIDS Day Rally
- National Voters Day Celebrations
- Clean & Green Programme
- Blood Donation Camp
- Pulse polio Immunization programme
- International Womens day

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	28.96 Acres	0	SASI EDUCATIONAL SOCIETY	28.96 Acres
Class rooms	47	1	SASI EDUCATIONAL SOCIETY	48
Laboratories	57	13	SASI EDUCATIONAL SOCIETY	70
Seminar Halls	8	3	SASI EDUCATIONAL SOCIETY	11
No. of important equipments purchased (\geq 1-0 lakh) during the current year.		10	SASI EDUCATIONAL SOCIETY	
Value of the equipment purchased during the year (Rs. in Lakhs)		73.98	SASI EDUCATIONAL SOCIETY	
Others				

4.2 Computerization of administration and library

- SITE Central Library automated its housekeeping operations by using NewGenLib: an integrated Library automation software. Upgraded to email integration in Library Automation software, through this library users receives the mail alerts whenever they did a transaction like check-in , check-out, renewal remainder, overdue alerts and so on..
- Library created its resources Database and provided Online Public Access Catalogue (OPAC) through which users can be accessed from any of the computer connected in the campus LAN to know available resources and the status of the book. <http://172.168.0.5:8080/newgenlibtxt/>
- The library is a member of DELNET and provides web access to 2,28,45,202 Records of books, Periodicals, Theses, Dissertations. It is connected with 5563 libraries in 32 states in India and other countries. <http://164.100.247.30/>
- Established the NPTEL Local Chapter in association with IIT Madras. Through this NPTEL has been offering online certification for its courses, the highlight being the certification exam through which the student gets an opportunity to earn a certificate from the IITs!.
- http://nptel.ac.in/LocalChapter/college_homepage.php?collegeid=516
- Institute Library is subscribing online e-books and e-journals databases as per the requirement of the institute and also AICTE. Provided IP based access and these journals can be accessed from any computer connected in the campus LAN.
- For the effective utilisation of resources, it will conduct / arranged a library orientation programs to the library users based on the assessment level of skill of the users when ever needed.
- Library has an exclusive Library Website: <https://sitecentrallibrary.wordpress.com/>

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	38017	88,58,922	1337	4,83,789	39354	93,42,711
Reference Books						
Journals	72	148845	91	176355	91	3,25,240
e-Books	-	-	169	6,29,058	169	6,29,058
e-Journals						
Digital Database						
CD & Video	1200	--	120	---	13120	--
Others (specify)	DELNET	11500	DELNET	11500	DELNET	23000

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1123	21	40 Mbps	1	1	1	9	-
Added	203	3	24 Mbps	-	-	1	-	-
Total	1326	24	64 Mbps	1	1	2	9	-

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

No. of Computers procured for technology up-gradation: 203
Internet Access : 10Mbps
Training programmes on technology up-gradation : 46
i) Faculty : 12
ii) Students :34

4.6 Amount spent on maintenance in lakhs :

i) ICT	4.4
ii) Campus Infrastructure and facilities	35.4
iii) Equipments	6.1
iv) Others	9.7
Total :	55.6

Criterion – V**5. Student Support and Progression**

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

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

5.2 Efforts made by the institution for tracking the progression

- Regular meetings of the Teachers' are held. Teachers take care of day to day student support as and when needed.
- Delimit the attendance of the students so that they may become alert.
- Tutorial test, assignments and semester results analysis.
- Workshops will be conducted for the students to motivate them to appear in the competitive exams
- Encourage the students to participate in University Level Youth festival and State Level competition in curriculum and extracurricular activities.
- Academic audit is being conducted every year to evaluate the progress.
- Various committees to support the students such as Grievances and Redressal, Women's welfare etc
- Department meetings are being conducted to monitor the progress of the action plan.
- The mentoring system exists in the College also ensures retention and progression of students into research careers.
- Remedial classes for slow learners

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2210	190	-	345

(b) No. of students outside the state

Nil

(c) No. of international students

Nil

Men	No	%	Women	No	%
	1792	65.28		953	34.72

Last Year (2014-15)						This Year (2015-16)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1514	142	4	682	0	2342	1768	145	4	827	1	2745

Demand ratio **76.75%**Dropout % **0.01**

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

- The institute library is well equipped with periodicals, competitive examination books and other required materials for preparation
- Computer labs with internet and Wi-Fi are provided to students beyond the class hours to facilitate preparation for the competitive exams
- Career Guidance Cell, in coordination with Training and Placement Office also facilitates guest lectures to bring awareness about various career options to the students through such competitive exams
- Valuable suggestions and support is extended by the faculty, as and when required.
- Activities like mock group discussions, quizzes, spoken English exercises also help the students for preparation
- In-house GATE coaching classes by subjects experts
- special coaching in fundamentals by senior faculty

No. of students beneficiaries

Around 70%

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

- Each faculty member act as a counsellor for a maximum of 15 students and one period per week is allotted in the class time table for counselling.
- Attendance, marks, discipline and other related issues were taken care by the counsellor
- Head of the department will monitor continuously the system.
- Interaction with Alumni is arranged for final year students.
- To facilitate career guidance including counselling for higher studies, industry interaction for training/internship/placement, Entrepreneurship cell and incubation facility.

No. of students benefitted

Around 80%

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
22	339	155	56

5.8 Details of gender sensitization programmes

- Women Development Cell organizes several programmes to enhance the confidence level of girl students for their empowerment in the society.
- International Women's Day was celebrated which is an opportunity to appreciate the remarkable contribution of women to our society
- Women's day celebrated under the guidance & supervision of the women cell.
- Inviting eminent personalities on womens day

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	65	10,45,000
Financial support from government	1753	6,36,65,000
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

Vision of the Institute

Confect as a premier institute for professional education by moulding technocrats who can address the society's needs through inventions and innovations

Mission of the Institute

- Partake in the national growth of technological, industrial arena with societal responsibilities.
- Provide an environment that promotes productive research
- Meet stakeholder's expectations through continued and sustained quality improvements

6.2 Does the Institution has a management Information System

Yes

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

6.3.1 Curriculum Development

- Curriculum improvement to meet the industry demands
- Outcome Based Education
- External experts from Industry and Institutes
- Inputs from department advisory boards
- Comparative study of curriculum of various universities
- Introduce self-learning courses and internships

6.3.2 Teaching and Learning

- Departmental Academic Calendar
- Lecture plans
- Course learning Objectives and Course Outcomes
- Lecture notes
- Updating the library with appropriate books as suggested by the faculty
- Additional experiments in laboratories
- Promoting the usage of ICT.
- Arranging trainings/FDP on latest technologies
- Introducing Field visits/work industrial visits
- Monitoring students performance through Mid, Class tests, Assignments, quiz ,seminars and projects
- Cocurricular and Extracurricular activities

6.3.3 Examination and Evaluation

- Follows the rules (R13) given by affiliated university
- Conduct of examinations as per the university calendar
- External and Internal marks ratio = 70:30
- Internal marks includes mid, quiz and assignment marks
- Two mid tests (descriptive and quiz) are conducted per semester
- External results are released by the university

6.3.4 Research and Development

- Formation of Research and Development committee for providing guidance in applying research project proposals.
- Administration setup with exclusive Dean R&D
- R&D committee to review and motivate research
- Motivates the faculty to file patents for the research work carried out by them
- Encouraging faculty to register for Ph.D
- Guiding faculty for presenting research papers, attending conferences, workshops, etc.
- Encouraging the students to do research oriented projects.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Library provided OPAC software for library management through which users can be accessed from any of the computer connected in the campus LAN to know available resources and the status of the book
- Institute is subscribing online e-books and e-journals
- Procuring the required prescribed and reference text books as suggested by the subject experts
- Installing computer system and LCD projector in all class rooms
- Wi-Fi enabled campus
- The institute connected with Power backup facility
- Each Department has its own Library facility
- Providing required number of laboratories with the state-of-the-art facilities.
- Providing required computational facilities with sufficient number of computers
- Providing the various amenities such as canteen, indoor and outdoor game facilities, gym centres, medical centre, hostels and transport.

6.3.6 Human Resource Management

- Faculty self-performance appraisal for professors, associate professors and assistant professors
- Well laid policy for recruitment / upward mobility
- Faculty members are sponsored to participate in Faculty development Programmes /seminars//Workshops
- Faculty and researchers are encouraged to participate in national and international conferences

6.3.7 Faculty and Staff recruitment

- Advertisement in leading national newspapers
- Online submission of resume
- Interview panel consisting of internal experts.
- For all the posts, the eligible criteria is strictly followed as per the guidelines of AICTE

6.3.8 Industry Interaction / Collaboration

- A dedicated Institute Industry Interaction Cell (IIIC) headed by Dean
- MoUs are signed with industries
- Guest lectures are arranged on industry related topics by the industry persons

6.3.9 Admission of Students

The admission process followed in the college is through two categories namely Category-A (Convener quota) and Category-B (Management/NRI quota) as per the norms prescribed by the State Government.

Category-A (Convener quota):

In category-A, 70% of the seats are filled through convener quota following reservation norms specified by the government.

UG: Admissions into UG programmes in the college are made by Convener, EAMCET, who is nominated by the State Government. The admissions are based on the state-wide ranks obtained by students in EAMCET entrance exam.

PG: Admissions into PG programmes are based on the merit of candidates in GATE, PGECET and ICET. These admissions are made by Convener, PG Admissions.

Category-B (Management/NRI quota):

In Category-B, out of 30% of the seats, not more than 15% seats are allocated to NRI/NRI sponsored category.

UG: The admissions though based on merit, the merit criteria is decided by the State Government from time to time like, AIEEE/IIT JEE mains, EAMCET ranks, Intermediate Public Examinations (IPE) marks.

PG: The admissions are based on merit: the order of merit is GATE score, PGECET ranks for ME/M.Tech, ICET ranks for MBA and the left over seats. if any are filled on the basis of UG marks

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Yes

6.5 Total corpus fund generated

Nil

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	JNTUK	Yes	IQAC
Administrative	Yes	AFRC	Yes	IQAC

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?

Answer scripts review in the presence of student (Challenging Valuation) and Compulsory Question

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

University has nominated its representatives on Boards of Studies and Academic Council

- To promote and implement autonomy
- To develop the curriculum, prepare the academic regulations and conduct of internal and semester end examinations
- To prepare academic and examination schedules

6.11 Activities and support from the Alumni Association

- Exhaustive alumni database
- Alumni providing funds
- Alumni meet are conducted every year
- Whenever the alumni visits the college, interactive sessions are arranged for students

6.12 Activities and support from the Parent – Teacher Association

- The parent-teacher associations are in place in the college
- parents provide valuable feedback on curriculum development, teaching-learning, research and infrastructural facilities, library, sports and canteen facilities, etc, which contributes to the overall development of Institute.

6.13 Development programmes for support staff

- Sponsored to attend continuous education programs and to improve qualification
- Technical training
- Absorption in teaching cadre once they acquire requisite qualification and if fond

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

- Tree plantation
- Minimizing water wastage
- LED lamps
- Minimising use paper
- Use of Renewable Energy
- Sprinkler system

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.

- Grouping the faculty members in to three or four groups based on specialization in each department, each group headed by a senior faculty member to provide the required guidance to the junior faculty members in preparing the course files, innovative assignments, etc. and also guide them to prepare research proposals and publish technical papers
- Administrative setup to monitor outcome based education

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

- The minutes were forwarded to respective departments/sections for effective implementation of the 'Action Plan'. At the end of the academic year, all the directions in action plan have been successfully implemented. Attendance of the students has improved.
- Students gained good laboratory practices.
- Placements and higher studies improved.
- Industry interaction intensified.

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

- Students are exposed to the state-of-art in their own field of study, by calling experts form industry and premier Institutions
- Assessment of the individual course outcomes.
- Structured course file capturing the performance of the students with respect to course outcomes, history of the performance of the students, course delivery and course assessments
- Holistic approach for overall development of students by emphasizing cocurricular and extra-curricular activates.
- Financial Support to Brighter Students
- On line Student Feedback System
- Slow learner's coaching System & Continuing Education for best learners

7.4 Contribution to environmental awareness / protection

- “Swachh Bharat” program was conducted in the campus
- Plantation programme has been taken up by the NSS unit for increasing the Green Cover in the village.
- To minimize the wastage of water resources and to improve the water table, the rain water is led into the pond located in the campus.
- Care is taken to restrict vehicle entry into the campus and specific parking area is allotted for faculty and students.
- The institute restricted the usage of plastic bags in 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)

SWOC Analysis of Institute:**Strengths**

1. Institute has well qualified and highly dedicated Teaching and Non-Teaching Staff.
2. Institute has well equipped infrastructure with wi-fi connectivity.
3. Teaching focused on employment and entrepreneurship development oriented.
4. Institute has excellent rapport with outside corporate world for technical and managerial support.

Weaknesses

1. Students being from rural area. striving to meet national and global standards in technical education and facing language barriers.
2. Institute has to upgrade their teaching community for higher research skills and activities.

Opportunities

1. Institute is continuously organizing various development programs for the academic benefit of the teachers and students through seminars, workshops, conferences, symposiums and annual student meets.
2. Increasing demand for technical education at graduate and post graduate level in various sectors.

Challenges

1. Institute has competition from other technical and management educational institutes.
2. To produce more qualified and industry ready technicians and managers.
3. Being a private institute the turnout of the faculty is quite natural for their better professional and technical development.

8. Plans of institution for next year

1. Increasing the number of Professors and Associate Professors with doctoral degree by at least 50%.
2. Undertaking funded R&D Major projects.

Name _____

Name _____

*Signature of the Coordinator, IQAC*_____
*Signature of the Chairperson, IQAC*_____

Annexure I**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
