

# 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

### I. Details of the Institution

1.1 Name of the Institution

KUPPAM ENGINEERING COLLEGE

1.2 Address Line 1

KES NAGAR,

Address Line 2

P B NATHAM POST,

City/Town

Kuppam

State

Andhra Pradesh

Pin Code

517425

Institution e-mail address

principal@kec.ac.in

Contact Nos.

08570256966

Name of the Head of the Institution:

Dr. Soma V Chetty

Tel. No. with STD Code:

08570256966

Mobile:

9393812267

Name of the IQAC Co-Ordinator:

S BASKARAN

Mobile:

9440760833

IQAC e-mail address:

iqac@kec.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

APCOGN15521

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/66/A&A/047

1.5 Website address:

www.kec.ac.in

Web-link of the AQAR:

<http://www.kec.ac.in/wp-content/uploads/2019/01/AQAR-2013-14.pdf>

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"	2.30	2014	2019
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

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

02/12/2013

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

2013-14

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 \_\_\_\_\_ NIL \_\_\_\_\_ (DD/MM/YYYY)  
 ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)  
 iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)  
 iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

1.10 Institutional Status

University State ☐ Central ☐ Deemed ☐ Private ☐

Affiliated College Yes ☒ No ☐

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☒ No ☐

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

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 ☒

1.11 Type of Faculty/Programme

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

TEI (Edu) ☐ Engineering ☒ Health Science ☐ Management ☒

Others (Specify)

1.12 Name of the Affiliating University (for the Colleges)

JNTU ANANTAPUR

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

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

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="9"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="1"/>
2.3 No. of students	<input type="text" value="2"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="2"/>
2. 6 No. of any other stakeholder and Community representatives	<input type="text" value="2"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="2"/>
2.8 No. of other External Experts	<input type="text" value="1"/>
2.9 Total No. of members	<input type="text" value="20"/>
2.10 No. of IQAC meetings held	01
2.11 No. of meetings with various stakeholders:	
	No. <input type="text" value="6"/> Faculty <input type="text" value="1"/>
Non-Teaching Staff Students <input type="text" value="1"/>	Alumni <input type="text" value="1"/> Others <input type="text" value="1 Gram Panchayat"/>

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.  1 International  0 National  0 State  0 Institution Level  1

(ii) Themes

Awareness of Quality Aspects in the Higher Education Institution.

2.14 Significant Activities and contributions made by IQAC

- IQAC Process manual prepared and approved.
- Quality functional chart based on NAAC quality criteria was prepared and implemented.
- Seminars for Faculty and Non-Teaching Staff were conducted to create awareness about the quality aspects.

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
Academic calendar is prepared and implemented.	Regular academic audit and action taken against the non-conformities.

\* 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 ☐ -

Provide the details of the action taken

The AQAR for the academic year 2013-14 was placed before the management and they have suggested IQAC to prepare Extended Road map to improve the quality on Teaching learning evaluation, Research and consultancy.

## 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	5	0	4	0
UG	6	0	6	4
PG Diploma	0	0	0	0
Advanced Diploma	0	0	0	0
Diploma	4	0	4	0
Certificate	2	2	2	2
Others	--	--	--	--
<b>Total</b>	17	02	16	06
Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

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

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

Pattern	Number of programmes
Semester	PG-5      UG-6
Trimester	0
Annual	All UG 1 <sup>st</sup> year only

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.

For UG- Regulations (R13)-PG -Nil

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

IIPC Cell

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
142	111	21	09	0

2.2 No. of permanent faculty with Ph.D.

07

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
23	-	15	-	0	-	0	0	38	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

2

1

0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	4	12	2
Presented papers	4	12	0
Resource Persons	0	3	0

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

- Domain Engineering
- Show & Tell
- Learn by Doing
- Lesson Plan
- Student Faculty Research interaction
- Art of Teaching
- Chalk & Talk Role play
- Quizzing, Video film, visuals
- Group projects/presentation
- NPTEL Video Lectures

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

185 Days

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

Nil

2.9 No. of faculty members involved in curriculum  
Restructuring/revision/syllabus development

Nil	Nil	1
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as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

78 %
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## 2.11 Course/Programme wise

Distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Tech - EEE	55	24	24	0	0	89.09
B.Tech - ME	51	10	27	1	0	74.5
B.Tech - ECE	142	46	63	9	-	83.09
B.Tech - CSE	115	13	55	27	-	82.69
B.Tech - IT	58	7	18	11	-	62.06
MBA	48	42	5	-	-	97.91
MCA	26	23	2	-	-	96.15
M.Tech (ES)	12	10	1	-	-	91.6
M.Tech (PE)	15	11	3	-	-	93.33
M.Tech (CSE)	18	16	2	-	-	100

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

IQAC contributes, monitors and evaluates the teaching learning process.

Contribution: The IQAC plans and suggests the teaching learning styles to be implemented.

Monitoring : The periodic meetings of IQAC deliberates on teaching quality through feedback and monitors learning through the student academic performance and results.

Evaluation : The teaching learning is evaluated through the academic audits conducted in all the departments by the IQAC sub-committee.

## 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	18
UGC – Faculty Improvement Programme	0
HRD programmes	6
Orientation programmes	74
Faculty exchange programme	0
Staff training conducted by the university	2
Staff training conducted by other institutions	14
Summer / Winter schools, Workshops, etc.	25
Others	32

## 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	14	-	-	-
Technical Staff	56	-	-	-

## Criterion – III

### 3. Research, Consultancy and Extension

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

- Problems are identified at institute level and the problems faced by the people in the society. Initiatives are taken to address the problems.
- Faculty members are encouraged to publish research papers in journals
- The research aptitude is inculcated among students through project work
- Eminent scientists/academicians/technocrats are invited to motivate faculty and students

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	1	1	-
Outlay in Rs. Lakhs	-	10.3	10.3	-

#### 3.3 Details regarding minor projects

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

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	41	7	--
Non-Peer Review Journals	6	4	--
e-Journals	7	0	--
Conference proceedings	32	9	--

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

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2 years	AICTE – IIPC	10.3 lakhs	10.3 Lakhs
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 (in lakhs)	2	--	--	10.3 Lakhs

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy

3.11 No. of conferences

Organized by the Institution

Level	International	National	State	University	College
Number	-	-	-	-	1
Sponsoring agencies	-	-	-	-	1

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	-
Commercialized	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
06	--	--	--	--	--	06

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

2

7

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

0

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:

University level  State level   
National level  International level

3.23 No. of Awards won in NSS:

University level  State level   
National level  International level

3.24 No. of Awards won in NCC:

University level  State level   
National level  International level

3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

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

- Blood Donation Camp by students and staff
- First Aid training programme to students and Transport Drivers
- Awareness Programme on Anti Ragging
- Health awareness and Awareness on wild life protection

## 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	27.18 acres	-	Donation from Patrons of the Society  Tuition Fee	27.18 acres
Class rooms	30	0		30
Laboratories	33	0		33
Seminar Halls	3	0		3
No. of important equipment's purchased ( $\geq$ 1-0 lakh) during the current year.	7	3	KEC	7
Value of the equipment purchased during the year (Rs. in Lakhs)	88.40	43.71	KEC	132.12
Others	176.03	74.2	KEC	250.23

#### 4.2 Computerization of administration and library

- OPAC facility in the library
- Bar coding Technology using for book transactions
- Complete WIFI in Campus
- Electronic resource management
- E journals subscribed in the digital library
- Content management
- Computers and printers
- NPTEL video lectures subscribed

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	30518	6308969	1542	652497	32060	69161466
Reference Books	6743	1869021	120	4200	5253	1871721
e-Books	78	--	32	--	110	--
Journals	--	--	60	78400	60	78400
e-Journals	--	--	142	461442	14	4611442
Digital Database	--	60400	--	--	-	60400
CD & Video	120	4500	42	2100	162	6600
Others (specify)	--	--	--	--	--	--

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments	Others
Existing	612	7	18 Mbps	1	1	2	7	1
Added	100	1	-	-	-	-	-	-
Total	712	8	18 Mbps	1	1	2	7	1

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

<ul style="list-style-type: none"> <li>• 712 Computers</li> <li>• Wi-Fi Campus</li> <li>• Guest Lectures</li> <li>• Faculty Development Programs</li> <li>• Webinars</li> <li>• Workshops both for faculty &amp; Students</li> </ul>
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#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	3.04 Lakhs
ii) Campus Infrastructure and facilities	6.43 Lakhs
iii) Equipment's	3.29 Lakhs
iv) Others	23.28 Lakhs
<b>Total:</b>	36.04 Lakhs

## Criterion – V

### 5. Student Support and Progression

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

The IQAC regularly in its meetings plan and review the quality of services offered in

- In house training on soft skills and aptitude
- Training in Communication skills (verbal and non-verbal) from I Year
- Training on technical courses like CCNA, Oracle

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

- Student progression is recorded in their Counselling Dairy
- Result analysis and improvement is tracked; remedial classes are arranged accordingly
- Student participation in faculty research projects
- Day to day evaluation in laboratories
- Periodic academic counselling

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

UG	PG	Ph. D.	Others
1449	214	0	0

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

5

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

0

Men	No	%	Women	No	%
	1231	74		432	26

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
215	54	5	273	-	547	168	34	3	143	0	348

Demand ratio 1:2

Dropout 1 %



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

- Large database of study material are provided to prepare for national and state level competitive exams
- Regular aptitude training and soft skill training programs are conducted.
- Career guidance programs are conducted regularly.

No. of students beneficiaries

164

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

NET	-	SET/SLET	-	GATE	2	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	4

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

- Mentor to student ratio 1:20
- Better system for identification of weak students.
- Target is assigned to every better performer per semester.
- Each mentor take care of the academics & welfare of the student assigned.
- Certificate courses are conducted for various career advancement.
- Regular technical training programs to the advanced learners.

No. of students benefitted

1238

#### 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
11	312	162	-

#### 5.8 Details of gender sensitization programmes

- Women empowerment cell is constituted
- Regular activities like women's day, seminars are conducted

## 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 (in Rupees)
Financial support from institution	0	0
Financial support from government	1002	41216900
Financial support from other sources	0	0
Number of students who received International/ National recognitions	0	0

### 5.11 Student organized / 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**

Achieving academic excellence by providing quality and practical education and make the students fit academically to face the challenges in the global scenario in their profession.

##### **Mission**

To strive and provide meaningful education, training and research to match global standards nurture talented professionals rich in moral, ethical and social values.

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

Campus Automation Management system (in house software) is in place. The following modules are used and all the activities are automated through the software

- Academics
- Examinations
- Student Feedback
- Administration
- Training & Placement

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

##### 6.3.1 Curriculum Development

- The Vision and Mission of the Department defined based on the Vision and Mission of the Institution.
- PEOs(Program Educational Objectives) and Program Outcomes were defined based on the department vision and mission and graduate attributes.

##### 6.3.2 Teaching and Learning

- More emphasis on self and experiential learning
- Technology assisted teaching learning practices
- Continuous faculty capacity building
- Students focus groups and clubs for peer learning

##### 6.3.3 Examination and Evaluation

- Continuous evaluation
- Summative tests
- Assignments
- Internal and external evaluation

#### 6.3.4 Research and Development

- Planning for the establishment of university approved research centres in the thrust areas of the departments.
- Development of research clusters involving students at UG and PG level.
- Incentives and awards to members of faculty for publishing in reputed and high impact factor journals
- Conducts of regular research meetings to promote inter disciplinary research.
- Mentoring students to transform innovative ideas into products.

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

- Increase in number of computers in the library
- Affordance of digital information
- Constant up gradation of number of books and journals.
- Availability of e- database
- E-learning sources
- ICT and Smart Classroom

#### 6.3.6 Human Resource Management

- Attendance are monitored on daily basis
- Self-appraisal is collected and rewarded
- Faculty and Staff recruitment on merit basis
- Regular Seminar / training are conducted to train the newly recruited faculty
- Micro – teaching is done for the newly recruited faculty member's
- Staff members are permitted to attend the workshops and seminars to improve the knowledge
- Awareness among faculty regarding quality enhancement
- Grievance cell is present to address the issues.

#### 6.3.7 Faculty and Staff recruitment

- Faculty and staff are recruited as per AICTE guidelines
- Faculty from reputed universities are recruited to improve quality of education
- Faculty are recruited through interviews recommended by the staff selection Committee.
- Diversity is maintained while recruiting Faculty
- Faculty recruitment is as per the accepted guidelines of the student – teacher ratio
- Ratification of Faculty by University Selection Committee

### 6.3.8 Industry Interaction / Collaboration

- Newton technologies, Chennai
- CDEEC, Kuppam
- ECcube, Bangalore
- TCS Ion, Hyderabad
- IBM, Bangalore
- E-phenomena
- Shanskurithi Technologies

### 6.3.9 Admission of Students

Students are admitted on the basis of merit through state wide entrance examination EAMCET/PGCET/ICET conducted by State Government.

### 6.4 Welfare schemes for

Teaching	Yes
Non-teaching	Yes
Students	Yes

- Teaching and non-teaching – Career advancement scheme, study leaves, medical leave, maternity leave, ON-Duty leave, awards, incentives, conference registration and travel support
- Students – fee reimbursement, scholarships, awards, trophies, gold medals, cash prizes.

### 6.5 Total corpus fund generated

71.2 Lakhs

### 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	IQAC
Administrative	--	--	Yes	IQAC

### 6.8 Does the University/ Autonomous College declare 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?

Not applicable

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

- Support the placement cell with various training, industry inputs and placement
- Guest- lectures for students by Alumni
- Conduct of the regular alumni meetings
- Providing feedback on academic activities
- Interaction with the current batch students to provide the latest updates about the industry

6.12 Activities and support from the Parent – Teacher Association

- Parents are regularly invited to discuss the need / problem / progress of their wards
- Feedbacks are collected from parents on infrastructure, faculty, fee structure, training and placement.

6.13 Development programmes for support staff

- Regular skill development programs are conducted
- Regular communication training programs by internal staff members

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

- The Institution is practicing some of the eco-friendly process such as rain water harvesting by providing sinks in various places in the campus.
- Plantation programmes are organized
- Use of sprinklers to water the plants
- Installed Solar Water Heater for Girls Hostel
- Proposals for roof top solar power plants

## 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.

- Detailed Institute academic calendar
- Introduced merit card in library for meritorious students
- Conduct of orientation to the junior college students by the famous psychiatrist Dr. B.V Pattabiram.
- Conduct of orientation on higher education to schools and junior colleges.
- Regular personality development programs for faculty members
- In house projects for the final year students through APSSDC
- Internal training on aptitude and soft skills to improve the placements.

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

- Improvement of students attendance
- Inculcating research culture
- Encouragement to design and develop projects / apps to address the problems identified.
- Encouraged the students to attend more workshops, conferences and symposiums
- Improved placement of students
- MOUs with different types of industries
- Extensive training programs are conducted for faculty members for enhancing Pedagogical approaches
- Departments have imbibed quality research culture
- Active learning methods are implemented
- Faculty are encouraged to submit project proposals

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

- Recording and exhibition of hour wise attendance of all students
- Academic restrictions on an admission to hostels on second year on wards.

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

7.4 Contribution to environmental awareness / protection

The NSS unit of the Institution conducts events like preservation of biodiversity and awareness on hazards in environmental pollution, which promotes sustained community development.

7.5 Whether environmental audit was conducted?

Yes

☒

No

☐

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

Strengths:

- Accreditation of Programs by NBA, New Delhi
- Permanent Affiliation accorded by JNTUA, Anantapur
- Accreditation of the college with a top Grade 'B' by National Assessment and Accreditation Council (NAAC)
- Included in the list of colleges under 2(f) and 12 (B) of UGC Act 1956
- Excellent student-faculty ratio & Average experience of faculty is 8 – 9 years.
- Faculty with Masters and Ph.D degree holders above 90%
- Well-equipped Library & Laboratory.
- Innovations in Teaching – Learning
- Excellence in planning and implementation

Weakness

- Inadequate number of lab faculty.
- Interaction with industry needs to be strengthened.
- Scarcity of funds for establishing advanced laboratories for research and consultancy.
- Less entrepreneurial acumen among students owing to their rural background.

Opportunities

- Student hostels and faculty quarters on Campus.

Threats

- Competition from international players

**8. Plans of institution for next year**


- Quality assurance and endurance through Accreditation by NBA
- Endure and enhance excellence in teaching and learning
- Research & development and consultancy
- Facilities improvement and expansion
- Establishment of Research Centers in EEE & ECE Departments.





Name: S. BASKARAN

*Signature of the Coordinator, IQAC*



Name Dr. S. SUDHAKAR BABU

*Signature of the Chairperson, IQAC*

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**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

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