



St. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY

CHIRALA – 523187, Prakasam District, Andhra Pradesh

Annual Quality Assurance Report (AQAR) 2017-18

Submitted to



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

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The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2017-18

I. Details of the Institution

1.1 Name of the Institution

St. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY

1.2 Address Line 1

CHALLAREDDYPALEM

Address Line 2

V VETAPALEM MD,PRAKASAM DT

City/Town

CHIRALA

State

ANDHRA PRADESH

Pin Code

523187

Institution e-mail address

info@sacet.ac.in

Contact Nos.

08594 - 247500

Name of the Head of the Institution:

Dr. P.Ravi Kumar

Tel. No. with STD Code:

08594 247500 Ext. 444

Mobile:

9848510999

Name of the IQAC Co-ordinator:

Dr. C. Hari Kishan, Professor

Mobile:

9848084260

IQAC e-mail address:

info@sacet.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

APCOGN14431

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)/19/A&A/32.2 dated 02-12-2016

1.5 Website address:

www.sacet.ac.in

Web-link of the AQAR:

http://www.sacet.ac.in/sacet/NAAC/AQAR_2017-18.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.07	2011	5 Years
2	2 nd cycle	A	3.02	2016	5 years

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

17/04/2012

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)

- AQAR2012-13 submitted to NAAC on 23-09-2013
- AQAR2013-14 submitted to NAAC on 27-10-2014
- AQAR2014-15 submitted to NAAC on 10-10-2015
- AQAR2015-16 submitted to NAAC on 15-07-2016
- AQAR2016-17 submitted to NAAC on 24-07-2017

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 ☐

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*)

Jawaharlal Nehru Technology University
Kakinada, Andhrapradesh

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 (*Specify*)

--

UGC-COP Programmes

--

2. IQAC Composition and Activities

2.1 No. of Teachers

11

2.2 No. of Administrative/Technical staff

1

2.3 No. of students

1

2.4 No. of Management representatives

2

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and
community representatives

1

2.7 No. of Employers/ Industrialists

--

2.8 No. of other External Experts

--

2.9 Total No. of members

17

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

- To provide good teaching and learning for the students. Train the students in both theoretical and practical aspects.
- To encourage faculty members to publish research papers and undertake consultancy and extension activities.
- To motivate faculty members to register for Ph.D., in the recognized Universities.
- To increase number of placements for the students.
- To motivate the students to participate actively in Co-curricular and Extra-curricular events.

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
Planned for NBA Accreditation of B.Tech(EEE,ECE,CSE,ME) programmes.	Not Accredited due to marginal decrease in the average percentage of placements over previous three academic years in the case of B.Tech(ECE,CSE,ME)programmes
Planned for Academic audit	Academic audit was conducted and certain suggestions were given to the faculty members
Planned for conducting guest lectures, seminars and work-shops	Conducted the same successfully for the benefit of students and faculty members.

2.16 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Management ☐ Syndicate Governing body ☒

Provide the details of the action taken

Regular discussions with the Secretary and correspondent of the College on various important activities and progress in the college.

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	--	--	--	--
PG	09	--	09	--
UG	05	--	05	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	14	--	14	--
Interdisciplinary	--	--	--	--
Innovative	Mini projects exhibition by 3 rd year EEE, ECE,CSE and ME engineering students to encourage innovative and research skills.			

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

Affiliated college (University curriculum only)

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	5 B.Tech.+ 7 M.Tech.+ MBA+MCA
Trimester	--
Annual	--

1.3 Feedback from stakeholders* (On all aspects)

Alumni ☒ Parents ☒ Employers ☐ Students ☒

Mode of feedback : Online ☒ Manual ☒ Co-operating schools (for PEI) ☐

*Annexures i to iii are attached

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Being an affiliated college, Curriculum is prescribed by University.

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

--

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
268	206	36	26	--

2.2 No. of permanent faculty with Ph.D.

25

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
24	--	02	--	--	--	--	--	26	--

2.4 No. of Guest and Visiting faculty and Temporary faculty

--

--

--

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	16	--	--
Presented papers	16	--	--
Resource Persons	02	--	--

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

- Power Point presentation on the subject related topic and on advanced topics
- Usage of labs for better practical knowledge
- JNTUK-MOOCs
- Incentives for the faculty who achieved 100% pass percentage in their subjects.
- e-learning classes, NPTEL

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

180

2.8 Examination/ Evaluation Reforms initiated by the Institution

Being an affiliated college, examinations/evaluation conducted as per the University Regulations.

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

--	--	--
----	----	----

2.10 Average percentage of attendance of students

75%

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						
CIVIL	68	25	14	0	0	57.35
EEE	77	20	18	0	0	49.35
ME	123	14	32	0	0	37.40
ECE	247	77	56	01	0	54.25
CSE	163	56	34	0	0	55.21
M.Tech	84	38	03	0	0	48.81
MBA	103	78	08	0	0	83.50
MCA	51	30	02	0	0	62.75

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

<p>IQAC organizes meeting to evaluate the teaching and learning process. All the Heads of the Departments are the members of IQAC. Departments are advised to prepare lecture schedules as well as necessary lesson plan for the academic session such as: teaching material, methodology, action plan for remedial classes etc. The deficiencies are discussed in the next meeting to arrive at the solutions for betterment.</p>
--

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	04
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	06
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	05

Summer / Winter schools, Workshops, etc.	50
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	47	--	01	--
Technical Staff	23	--	04	--

Criterion – III

3. Research, Consultancy and Extension

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

- Incentive schemes are already in vogue for faculty members for research publications in journals and presentation in conference.
- Motivating faculty members for publication of research papers and register for Ph.D.
- Encouraging the faculty members to apply for research grants to AICTE / UGC / DST etc.

3.2 Details regarding major projects

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

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	06	01	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	29	09	--

3.5 Details on Impact factor of publications:

Range

0.33 - 5.12

 Average

--

 h-index

25

 Nos. in SCOPUS

01

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned(Rs)	Received academic year
Major projects	--	--	--	--
Minor Projects	3 months	IEEE	20,000	2017-18
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			20,000	

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="--"/>

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

01

03

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

03

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	<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="--"/>
NCC	<input type="text" value="--"/>	NSS	<input type="text" value="09"/>
		Any other	<input type="text" value="--"/>

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

Creating Awareness to Local fisherman on Mobile App usage for Better fishing and disaster Management, International Day Of Yoga Celebrations, personality development BY Ramakrishna Mission, Free Blood Testing Camp, blood donation camp, LLR Mela, Fund contribution to a child for his heart operation, National voters' day celebrations, Blood donation camp by "vijaya blood bank, vijayawada"

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	24.3acres	--	--	24.3acres
Class rooms	79	--	--	79
Laboratories	60	02	--	62
Seminar Halls	10	--	--	10
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	--	02	--	02
Value of the equipment purchased during the year (Rs. in Lakhs)	--	20.23	--	20.23
Others	--	--	--	--

4.2 Computerization of administration and library

- Administration Office: Office accounting activities done by Tally Software.
- Library: The Library has a Library Automation software which is user friendly and designed to take care of partial functions of the Library. It organizes and manages the information of Books, Articles, Journals and Circulation.
- An Online Public Access Catalogue (OPAC) is implemented to enable the students for speedy and convenient access to the library catalogue.
- Bar-Coding: Computerized circulation with bar-coding technology is implemented. All the books in the library have been bar-coded.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	40,703	82,88,621	2519	7,55,700	43222	90,44,321
Reference Books	8,228	23,30,345	268	1,03,180	8496	24,33,525
e-Books	--	--	--	--	--	--
Journals	1067	12,24,053	115	1,88,960	1182	14,13,013
e-Journals	700	21,89,009	IEEE,ASME, ASCE,	7,51,368	932	29,40,377
Digital Database	--	--	234	7,16,788	--	--
CD & Video	NPTEL					
Others (specify)	--	--	--	--	--	--

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	872	13	100 Mbps	01	05	01	08	--
Added	--	--	--	--	--	--	--	--
Total	872	13	100 Mbps	01	05	01	08	--

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

Being an Engineering College, staff members and students are having good awareness in the use of computers and internet. Institution is equipped with Wi-Fi internet connection facility.

4.6 Amount spent on maintenance in lakhs :

i) ICT	23.72
ii) Campus Infrastructure and facilities	69.37
iii) Equipment	297.20
iv) Others	--
Total :	390.29

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Sufficient awareness has already been created among the faculty and students. Remedial classes are conducted for academically weak students.

Students participate in various co-curricular and extra-curricular activities

5.2 Efforts made by the institution for tracking the progression

Students are counselled on their results and their academic performance

Progress reports containing attendance particulars and marks are sent to the parents in every semester

5.3 (a) Total Number of students admitted

UG	PG	Ph. D.	Others
679	200	--	--

(b) No. of students outside the state

--

(c) No. of international students

--

	No	%		No	%
Men	467	52	Women	422	48

Last Year (2016-17)						This Year(2017-18)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
382	135	19	320	--	856	423	134	16	316	--	889

Demand ratio -- Dropout % NIL

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

Special coaching by faculty members is conducted for GATE and other examinations

No. of students beneficiaries

100

5.5 No. of students qualified in these examinations

NET -- SET/SLET -- GATE 01 CAT --

IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

Regular counselling is conducted. Fifteen students are allotted for each faculty member.
Training and placement cell conducts soft skills training programs and career guidance programs regularly.

No. of students benefitted

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
25	354	148	05

5.8 Details of gender sensitization programmes

It is conducted through regular counselling by faculty members

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 : 102

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 Rs.
Financial support from institution	--	--
Financial support from government	2512	9,68,82,300
Financial support from other sources	10 (MCM scheme)	2,50,000
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:

Separate grievances and redressal cells are available for boys and girls with faculty coordinators. All the grievances are minor in nature.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION:

To develop St. Ann's College of Engineering & Technology into an Institution of Global standards catering to the educational needs of students and also contribute to the welfare of local Community.

MISSION:

To impart total quality education at Under Graduate and Post Graduate levels by: Inculcating best teaching and learning practices; providing opportunities for faculty development, Research; striving for maximum results in the examinations; Creating avenues for industry institution interaction to provide training and placement opportunities; managing the institution with good governance and transparency and strive for well-being of local community.

6.2 Does the Institution has a management Information System

The institution has partial MIS in certain areas like 1.Library, 2.Administrative office 3. Students feedback analysis on faculty members 4.Students attendance recording and monitoring and 5.Examination cell.

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

6.3.1 Curriculum Development

Since the college is affiliated, there is no scope for curriculum development

6.3.2 Teaching and Learning

1. Using Power point presentation (2) Regular Tutorial classes (3) Learning through NPTEL video lectures (4) JNTUK COERD video lectures.

6.3.3 Examination and Evaluation

Since the college is affiliated, examination and evaluation are as per university regulations.

6.3.4 Research and Development

Faculty and students are encouraged to publish research papers in reputed journals and present research papers in Conferences. (2) Faculty members are motivated to register for Ph.D., with universities. (3) Incentives are provided for faculty members for research activity i.e. publication and presentation of research papers.

6.3.5 Library, ICT and physical infrastructure / instrumentation

ICT is used in :

- (1) Library (2) Administrative Office (3) Students feedback analysis on faculty members

6.3.6 Human Resource Management

Student's feedback analysis on faculty members for improvement in student's centric teaching methods, deputation of faculty members for conferences, workshops, seminars, for improving subject knowledge and new developments. Motivational incentives for research activities.

6.3.7 Faculty and Staff recruitment

- Advertisement to invite applications from qualified candidates is published in leading newspapers.
- Recruitment is done as per AICTE/University norms.
- Faculty with relevant specialisation and higher knowledge and experience are given preference.
- The process of selection includes interview by the Selection Committee and demonstration lecture.

6.3.8 Industry Interaction / Collaboration

1. A few MOUS were signed with local industries.
2. Expert lectures by industry executives
3. Industrial visits by students

6.3.9 Admission of Students

- Admission Categories – Category A- with 70% of seats – B with 30% of seats.
- Admissions under Category - A- through State Level Common Entrance Examination and Counselling conducted by the State Government.
- Admissions under Category - B - Merit based and Transparently conducted by the college as per the guidelines of state government.

6.4 Welfare schemes for

Teaching	Group Insurance, 50% Concession in bus fare.
Non teaching	Provident Fund, free transportation by college bus.
Students	Merit Cash Prizes

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes ☒ No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	JNTUK	Yes	College
Administrative	Yes	Auditors	Yes	Manager

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?

Since the college is affiliated, there is no scope for examination reforms.

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

No efforts

6.11 Activities and support from the Alumni Association

Registered Alumni association is available with certain activities among them.

The Alumni extend help to their juniors in getting placements.

6.12 Activities and support from the Parent – Teacher Association

Parents' meeting is conducted once in an year.

6.13 Development programmes for support staff

Skill up gradation programs are conducted for support staff as and when the need arises.

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

The college campus is eco-friendly with lot of greenery. Facilities are provided to make the staff and students comfortable.

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.

- E-learning facilities in the class rooms
- Employable skills training programmes
- Certain experiments in the laboratories beyond the University curriculum
- Cash incentives to faculty for publication of research work and 100% pass in their subjects
- Conducting NPTEL video lectures and tutorial classes
- Publication of research papers by students.

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

Plan of Action	Action taken
Planned for NBA Accreditation of B.Tech(EEE,ECE,CSE,ME) programmes.	Not Accredited due to marginal decrease in the average percentage of placements over previous three academic years in the case of B.Tech(ECE,CSE,ME)programmes
Planned for Academic audit	Academic audit was conducted and certain suggestions were given to the faculty members
Planned for conducting guest lectures, seminars and work-shops	Conducted the same successfully for the benefit of students and faculty members.

7.3 Give two Best Practices of the institution

***Mini Projects exhibition by ECE, CSE and EEE departments every year**

Title of the Practice: Conducting Mini Projects exhibition by ECE, CSE and EEE departments every year

Goal: To motivate the III year ECE, CSE and EEE students to develop working models of devices and app development and other software applications having practical applications.

The Context: The ECE, CSE and EEE students shall undergo, training in theoretical and laboratory courses in all the basic and core courses up to III year. Using this knowledge, they are supposed to develop a novel working model and application development which has practical application or satisfy a human need. The concept, design and construction and software have to be done by the student independently. The Practice: Every year during III year II semester, notification is issued for the conduct of Mini Projects exhibition by the HOD. Faculty advisors are nominated. The students form into batches of 3 to 4 students and come up with a concept or idea which is discussed with faculty advisor and get approval. In the stipulated time, they have to complete the model and application development and

give demonstration before the model and application development is selected for exhibition. The Exhibits are evaluated by a committee nominated by HOD for choosing best three exhibits. The First, Second and Third best projects are awarded merit certificates and prizes on a significant day. Evidence of Success: This practice has gained popularity among the students and they are participating with lot of enthusiasm. This event gives them opportunity to put into practice the knowledge they acquired and give them confidence to take new projects/assignments in their career in research organization and industries. With the confidence gained, some of the students in their final year are able to publish research papers in international journals and conferences under the guidance of faculty members. Problems Encountered and Resources Required: This concept was implemented ten years back and so far no problems were encountered. The resources required like space, components, systems, power supply etc. are freely made available to the students. A separate cell was established exclusively for this purpose.

***Online feedback system of faculty members by students on teaching and learning process.**

Title of the Practice

Online feedback system of faculty members by students on teaching and learning process.

Goal: To replace the existing system of taking manual feedback from students about the faculty members on teaching learning process by online feedback system developed by CSE department.

The Context: The manual system of taking students feedback on faculty members on teaching and learning process was consuming lot of time and other resources like stationery in huge quantity. After collecting the data, analysis and computations of individual scores of faculty members was also consuming the precious time of two or three faculty members. In order to save time and resources, the CSE department studied the manual system and developed online feedback system which was tested and implemented five years back. The software system developed undergoes periodic updating. The Practice During the first mid-term examination, the HOD initiates action for taking online feedback data on one of the days of examinations, i.e. when JNTUK quiz test (online) is going on. One faculty member is nominated by HOD for this purpose. The faculty member collects the online data, takes printouts and consolidates them as per the faculty members, subjects and laboratories. The information is passed on to the HOD and Principal for review and counseling the faculty members for improvements. Evidence of Success The online feedback system has been in practice for the last five years and saved huge amount of time and stationery for the college. Problems Encountered and Resources Required No problems were encountered in this best practice. The resources required are the computer lab and networking which is already available in the college.

7.4 Contribution to environmental awareness / protection

- Celebration of “World Environment Day”
- Celebration of “World Earth Day”
- Conduct of “Swaccha Baharat” in the College campus

7.5 Whether environmental audit was conducted? Yes ☐ No ☒

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

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

1. Autonomous status

- The college plans to go for autonomous status in near future considering the following advantages:

An autonomous college will have the freedom to:

- ❖ determine and prescribe its own courses of study and syllabi, and restructure and redesign the courses to suit local needs; and
- ❖ prescribe rules for admission in consonance with the reservation policy of the state government;
- ❖ Evolve methods of assessment of students, performance, the conduct of examinations and notification of results;
- ❖ Use modern tools of educational technology to achieve higher standards and greater creativity; and
- ❖ Promote healthy practices such as community service, extension activities, projects for the benefit of the society at large, neighbourhood programmes, etc.

Autonomous colleges are free to make use of the expertise of university departments and other institutions to frame their curricula, devise methods of teaching, examination and evaluation. They can recruit their teachers according to the existing procedures (for private and government colleges).

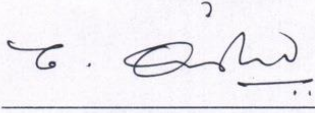
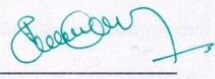
2. University Recognized Research Centres


One of the best things faculty members can do while they are in college is to get involved in research. They might think that they can only do this at a large university. However, it is likely the case that most full-time faculty members, even at colleges with only undergraduates and post graduates, are conducting some kind of research.

Keep in mind that faculty and student research on campus go hand-in-hand. This research is highly encouraged and students (from freshmen to seniors) across all subject areas take advantage of this opportunity. Moreover, faculty members want students to be involved in what they are investigating.

There are lot of advantages for getting faculty involved in research, all of which will positively impact their experience while in the college and well-beyond.

Keeping in mind the above benefits the college plans to apply to JNTUK for sanction of Research centres in EEE, ECE, CSE and ME Departments soon.

Name <u>DR. C. HARI KISHAN</u>	Name <u>Dr. P. RAVI KUMAR</u>
	
Signature of the Coordinator, IQAC	Signature of the Chairperson, IQAC
	PRINCIPAL. ST. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY CHIRALA-523 187.

Annexure-i

Feedback from outgoing students

2017-18

S.No	Feedback Parameter	Score on 4 point scale
1	College Infrastructure	3.61
2	Teaching and Learning	3.26
3	Department resources and co curricular activities	3.13
4	Faculty Helpfulness and guidance	3.26
5	Library Facilities	3.13
6	Computing and Internet Facilities	3
7	Sports and Extra curricular activities	2.7
8	Employable skills development facilities	2.79
9	Training and Placement Cell and its activities	2.71
10	Help and guidance for the Academically Weak Students	2.79
11	Help and guidance for the Academically Bright Students	2.78
12	Overall rating of the college	3.03

Annexure-ii

Parents feed back

2017-18

S.No	Resources	Result on 4 Point Scale
1	Feed back on your son's/daughter's academic progress	3.78
2	Your opinion on college infrastructure	3.73
3	Teaching standards of faculty	3.67
4	Understanding the subjects by your son/ daughter	3.42
5	Your opinion on conducting examinations	3.62
6	How do you find the transport facility to college	3.69
7	Attitude of teaching faculty towards students	3.78
8	Attitude of non- teaching staff in the office, library and lab towards students	3.62
9	Quality of food in the college canteen	3.42
10	Rules and regulations followed in the college	3.8
11	Your opinion on disbursement of various scholarships	3.7

Annexure-iii

ALUMNI FEEDBACK

2017-18

S.NO	FEEDBACK FOR FACILITIES	Score on 4 point scale
1	COLLEGE INFRASTRUCTURE	3.43
2	EFFECTIVE TEACHING PROCESS	3.29
3	DEPARTMENT RESOURCES	3.41
4	FACULTY HELPFULNESS	3.52
5	LIBRARY FACILITIES	3.26
6	COMPUTER AND INTERNET	3.36
7	SPORTS, EXTRA-CURRICULAR	3.37
8	PERSONALITY/COMMUNICATION SKILLS	3.29
9	PLACEMENT CELL	3.33
10	OVERALL RATING OF THE COLLEGE	3.51

Annexure-iv

Academic calendar 2017-18

ST. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY:CHIRALA ACADEMIC CALENDERS 2017 - 2018

Year	Sem	Commencement of Class Work	I Unit of Instruction	I Mid Examination	II Unit of Instruction	II Mid Examination	Preparation and Practicals	End Examinations
IV B. TECH 2014 Batch	I	6/19/2017	19-06-2017 To 12-08-2017	14-08-2017 To 19-08-2017	21-08-2017 To 14-10-2017	16-10-2017 To 21-10-2017	23-10-2017 To 28-10-2017	30-10-2017 To 11-11-2017
	II	27-11-2017	27-11-2017 To 20-01-2018	22-01-2018 To 27-01-2018	29-01-2018 To 24-03-2018	26-03-2018 To 31-03-2018	02-04-2018 To 07-04-2018	09-04-2018 To 21-04-2018
III B.Tech 2016 Batch	I	12-06-2017	12-06-2017 To 05-08-2017	07-08-2017 To 12-08-2017	14-08-2017 To 07-10-2017	09-10-2017 To 14-10-2017	16-10-2017 To 21-10-2017	23-10-2017 To 04-11-2017
	II	20-11-2017	20-11-2017 To 13-01-2018	15-01-2018 To 20-01-2018	22-01-2018 To 17-03-2018	19-03-2018 To 24-03-2018	26-03-2018 To 31-03-2018	02-04-2018 To 14-04-2018
II B.Tech 2017 Batch	I	12-06-2017	12-06-2017 To 05-08-2017	07-08-2017 To 12-08-2017	14-08-2017 To 07-10-2017	09-10-2017 To 14-10-2017	16-10-2017 To 21-10-2017	23-10-2017 To 04-11-2017
	II	20-11-2017	20-11-2017 To 13-01-2018	15-01-2018 To 20-01-2018	22-01-2018 To 17-03-2018	19-03-2018 To 24-03-2018	26-03-2018 To 31-03-2018	02-04-2018 To 14-04-2018
I B.Tech 2017 Batch	I	29-06-2018	17-07-2017 To 09-09-2017	11-09-2017 To 16-09-2017	18-09-2017 To 11-11-2017	13-11-2017 To 18-11-2017	20-11-2017 To 25-11-2017	27-11-2017 To 09-12-2017
	II	11-12-2017	11-12-2017 To 03-02-2018	05-02-2018 To 10-02-2018	12-02-2018 To 07-04-2018	09-04-2018 To 14-04-2018	16-04-2018 To 21-04-2018	23-04-2018 To 05-05-2018
MCA 2017 Batch	I	9/4/2017	04-09-2017 To 28-10-2017	30-10-2017 To 04-11-2017	06-11-2017 To 30-12-2017	01-01-2018 To 06-01-2018	08-01-2018 To 13-01-2018	16-01-2018 To 27-01-2018
	II	1/29/2018	29-01-2018 To 24-03-2018	26-03-2018 To 31-03-2018	02-04-2018 To 26-05-2018	28-05-2018 To 02-06-2018	04-06-2018 To 09-06-2018	11-06-2018 To 23-06-2018
MCA 2016 Batch	III	12-06-2017	12-06-2017 To 05-08-2017	07-08-2017 To 12-08-2017	14-08-2017 To 07-10-2017	09-10-2017 To 14-10-2017	16-10-2017 To 21-10-2017	23-10-2017 To 04-11-2017
	IV	20-11-2017	20-11-2017 To 13-01-2018	15-01-2018 To 20-01-2018	22-01-2018 To 17-03-2018	19-03-2018 To 24-03-2018	26-03-2018 To 31-03-2018	02-04-2018 To 14-04-2018
MCA 2015 Batch	V	12-06-2017	12-06-2017 To 05-08-2017	07-08-2017 To 12-08-2017	14-08-2017 To 07-10-2017	09-10-2017 To 14-10-2017	16-10-2017 To 21-10-2017	23-10-2017 To 04-11-2017
	VI	Commencement of Project Work 06-11-2017 To 31-03-2018					Viva-Voice 02-04-2018 To 14-04-2018	
MBA 2017 Batch	I	9/4/2017	04-09-2017 To 28-10-2017	30-10-2017 To 04-11-2017	06-11-2017 To 30-12-2017	01-01-2018 To 06-01-2018	08-01-2018 To 13-01-2018	16-01-2018 To 27-01-2018
	II	1/29/2018	29-01-2018 To 24-03-2018	26-03-2018 To 31-03-2018	02-04-2018 To 26-05-2018	28-05-2018 To 02-06-2018	04-06-2018 To 09-06-2018	11-06-2018 To 23-06-2018
MBA 2016 Batch	III	7/3/2017	03-07-2017 To 26-08-2017	28-08-2017 To 04-09-2017	05-09-2017 To 28-10-2017	30-10-2017 To 04-11-2017	06-11-2017 To 11-11-2017	13-11-2017 To 25-11-2017
	IV	27-11-2017	27-11-2017 To 20-01-2018	22-01-2018 To 27-01-2018	29-01-2018 To 24-03-2018	26-03-2018 To 31-03-2018	02-04-2018 To 07-04-2018	09-04-2018 To 21-04-2018
M.Tech 2017 Batch	I	9/18/2017	18-9-2017 To 11-11-2017	13-11-2017 To 18-11-2017	20-11-2017 To 13-01-2018	16-01-2018 To 20-01-2018	22-01-2018 To 27-01-2018	29-01-2018 To 10-02-2018
	II	2/12/2018	12-02-2018 To 07-04-2018	09-04-2018 To 14-04-2018	16-04-2018 To 09-06-2018	11-06-2018 To 16-06-2018	18-06-2018 To 23-06-2018	25-06-2018 To 07-07-2018
M.Tech 2016 Batch	III	Commencement of Project Work 05-06-2017 To 4-11-2017						
M.Tech 2016 Batch	IV	Commencement of Project Work 06-11-2017 To 07-04-2018,		Thesis Submission 09-04-2018 to 30-06-2018				

Officer-In charge Examinations

Principal