

Internal Quality Assurance Cell (IQAC) and Submission of Annual Quality Assurance Report (AQAR) for 2016-17

To



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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

India

By

Siddharth Institute of Engineering & Technology
(Autonomous)
Siddharth Nagar, Narayanavanam Road
Puttur - 517 583
Andhra Pradesh.

Cycle: Second

Report for: 2016 -17

Part – A

1. Details of the Institution

1.1 Name of the Institution

Siddharth Institute of Engineering & Technology

1.2 Address Line 1

Siddharth Nagar

Address Line 2

Narayanavanam Road

City/Town

Puttur

State

Andhra Pradesh

Pin Code

517 583

Institution e-mail address

principal.f6@siddharthgroup.ac.in

Contact Nos.

9396932888

Name of the Head of the Institution:

Dr. K. Chandrasekhar Reddy

Tel. No. with STD Code:

08577-264999 & 08577- 264888

Mobile:

9396932888

Name of the IQAC Co-ordinator:

Dr. M. Janardhana Raju

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID

1.4 NAAC Executive Committee No. & Date:

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.07	14-09-2015	5 Years

1.7 Date of Establishment of IQAC:

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by

- i. AQAR _____ **First Report (2015 - 16)** _____ (31/12/2016)
- ii. AQAR _____ **Second Report (2016 - 17)** _____ (23/12/2017)
- 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

**Jawaharlal Nehru Technological University,
Anantapur, Ananthapuramu.**

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

08

2.2 No. of Administrative/Technical staff

02

2.3 No. of students

01

2.4 No. of Management representatives

01

2.5 No. of Alumni

01

2.6 No. of any other stakeholder and

01

Community representatives

2.7 No. of Employers/ Industrialists

-

2.8 No. of other External Experts

-

2.9 Total No. of members

14

2.10 No. of IQAC meetings held - **04**

2.11 No. of meetings with various stakeholders:

No.

02

Faculty

08

Non-Teaching Staff & Students

03

Alumni

01

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 No.

2

International

1

National

16

State

1

Institution Level

5

(ii) Themes

- National Level Technical Symposium SIDDHARTH Quest 2K17
- ADVANCED CONCRETE TECHNOLOGY
- Carrier Guidance and Opportunities.

- MAT Lab Design Tool.
- Project Guidance.
- Professional Ethics & Personality Enrichment.
- Opportunities and Challenges in Ultra Precision Machine Developments.
- International Conference on Research Challenges in Engineering & Technology.
- Internet of Things.
- MAT LAB & ITS Applications.
- Internet of Things.
- Multisim and My-DAQ.
- PCB Design and Fabrication Technics.
- Intel Intelligent Systems Lab.
- A Workshop on Build your self
- AP Cloud Workshop on “MEAN STACK + CLOUD COMPUTING”
- A Two Days Workshop on Internet of Things (IOT)
- Conference on “Biodiversity, Ecosystem Services and Livelihood: Adverse Impacts due to Human and natural causes-possible Mitigating strategies
- Lift Maintenance & Service

2.14 Significant Activities and contributions made by IQAC

- All the departments conducted National seminars/workshops/association activities.
- The proposal of the IQAC was approved by the management and funds were allocated for the upgradation and beautification of the campus
- We got a NBA accreditation.
- Faculty members of various disciplines Published research articles and conference proceedings.
- Extending the Internet access up to 110mbps
- Extending the Wi-Fi to entire campus.

- Proposals are submitted to the UGC and State Higher Education Council.
- Conducted a one-day meeting for the teachers to prepare proposals to be submitted to the UGC and State Higher Education Council.
- Provided financial assistance to buy new books and furniture for the new courses.
- Updated all class room with LCD Projectors and e-learning facilities
- Conducted remedial classes for backward students to enhance their learning capability.
- Encouraged the faculty members to pursue research in their respective field of study.
- Equipped the students of the college with the knowledge of the latest trends in their respective field and to prepare them to meet the requirement of the competitive world.
- Many of the students are participated various sports and games events and bagged prizes.
- Provided Intercom facility to all staff rooms and labs.

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 during 2016-17
To encourage all the departments to conduct National Seminars/Workshops/Association activities.	<ul style="list-style-type: none"> • The departments have conducted national level seminars and workshops. • Every department conducted association activities for the students as annual activity, where majority of the students have participated and shown talents.
To request the management to allocate fund for the up gradation and beautification of the campus	The management allocated fund for the beautification of the campus

Eco friendly practices	As energy conservation measure, Solar panels have been installed in the campus with 50KW capacity.
Accreditation by NBA	<p>The following programmes are accredited by NBA – New Delhi:</p> <p>B.Tech – Mechanical Engineering</p> <p>B.Tech – Civil Engineering</p> <p>B.Tech – Electrical & Electronics Engineering</p> <p>B. Tech – Electronics & Communication Engineering</p> <p>B.Tech – Computer Science Engineering</p>
To Provide Internet facility up to 110mbps, Extend the Wi-Fi to entire campus, Provide Intercom facility to all staff rooms and labs.	<p>The Siddharth Institute of Engineering & Technology has established Networking & Communications with the primary aim of enabling the College community utilize technology to keep pace with the changing educational scenario and to create a synergy of knowledge and skills through networks across the globe. The institute has interactive video conferencing facilities in two halls.</p>
To update all class room with LCD Projectors and e-learning facilities	All the class rooms in the campus are updated with LCD projectors and e-learning facilities to improve learning capability of students.
Strengthening a department of R&D activities.	<ul style="list-style-type: none"> Conducted a meeting for the teachers to prepare a Major & Minor Project proposal to be submitted the UGC and State Higher Education Council.

	<ul style="list-style-type: none"> Proposals are submitted to the UGC and State Higher Education Council
To encourage the students to participate in the college, university, state and national level sports and games events.	Students actively participated in the college, university, state and national level sports and games events and bagged several medals and awards
To conduct remedial classes for backward students to enhance their learning capability.	Departments have scheduled and conducted remedial classes to improve pass percentage of Students.
To enter into MoU to offer National knowledge Commission value added and Skill Development Programmes.	The college as entered into MoU's to fulfil the requirements of Skill Development Programmes.
To apply for add-on courses in various departments.	We are concentrated the average student to improve the performance of University exam.
To encourage the various departments to conduct invited talks by experts from respective field.	The departments conducted Guest lectures by external experts

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 was placed before the Management and got approved.

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	-
PG	11	-	11	-
UG	5	-	5	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	4	-	4	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	20	-	20	-

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

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

Yes, Department-wise details below

Modifications in curriculum/syllabus Department –wise as follows:

Department of Civil Engineering

- Computer aided drawing lab is introduced in the second year.
- Open Elective-I is introduced in which choice of any one from other department subjects to be learnt by the students.
- Five MOOCS subjects are introduced in which two different subjects can be opted by students based on their choice.

Department of Mechanical Engineering

- Students are make Familiarized to Functional English
- Human values and professional ethics
- Introduced applied mechanics lab for the first year.
- Data structure through ‘C’ as an Audit course
- Comprehensive online examinations
- Comprehensive soft skills as audit course

Department of Electrical and Electronics Engineering

- Smart grid technologies subject has been introduced.

Department of Computer Science & Engineering (CSE)

- Cyber Security subject has been introduced as core subject.
- Open Elective-I is introduced in which choice of any one from other department subjects to be learnt by the students.

- Five MOOCS subjects are introduced in which two different subjects can be opted by students based on their choice.

Department of Master of Computer Applications

- Big data Analytics is introduced in Elective paper
- Cloud Computing is introduced in Elective paper
- Cognitive Computing is introduced in Elective paper
- Geological Information system is introduced in Elective paper

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

Yes, the institution has very good interaction with the various industries.

- **Siemens lab Started.**

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
237	147	60	29	1(Physical Director)

2.2 No. of permanent faculty with Ph.D.

21

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
20	2	4	0	2	0	-	-	26	2

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest	Visiting	Temporary
20	1	-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	28	70	-
Presented papers	28	19	-
Resource Persons	-	2	-

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

- Conduct to the student Soft Skill Training Programmes.
- Use of ICT in teaching learning process.
- Establishing the Lesson plan for every subject well before the commencement of each semester along with the course hand outs which are made available to all students on the start of the academic year.
- Teacher's study material share with the student. Teaching faculty and students are encouraged to use latest technology such as LCD, Internet, etc. In the teaching learning process.
- Introducing new teaching methods such as Mind mapping etc.
- Identification of challenging learners and provision of tutorial classes.
- Strengthening of Curricular activities (Co/Intra/Inter)
- Conducting the Value Added Programmes
- Organising the orientation programme for fresh engineering students.

2.7 Total No. of actual teaching days during this academic year **201**

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

Bar Coding & Photocopy

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

S. No.	Name of the Department	No. of Faculty members involved
1.	Civil Engineering	8
2.	Mechanical Engineering	10
3.	Electrical & Electronics Engineering	5
4.	Electronics & Communication Engineering	5
5.	Computer Science Engineering	5
6.	Master of Business Administration	4
7.	Master of Computer Applications	4
8.	Bachelor of Science & Humanities	6

2.10 Average percentage of attendance of students

95%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I%	II%	III%	Pass %
BS & H	1220	-	37.54	0.096	0.064	53.68
B. Tech.- CIVIL	66	23	16	-	-	59.09
B. Tech.- EEE	52	50	28.8	0	0	78.85
B. Tech. - MECH	149	41	79	29	-	53.02

B. Tech. - ECE	251	42	21	14.68	-	77.68
B. Tech. - CSE	93	30.10	31.2	-	-	61.29
MBA	115	87	0.04	0.004	-	89
MCA	06	84	16	-	-	100
M.Tech.- CSE	1	-	100	-	-	100
M.Tech. - VLSI	1	100	-	-	-	100
M.Tech. - EMB. SYS	2	50	50	-	-	100
M.Tech. - DECS	1	100	-	-	-	100
M.Tech.-CONTROL SYS.	3	66.66	33.33	0	0	100
M. Tech. - POWER ELEC.	1	100	0	0	0	100
M. Tech. - THERMAL ENGG	11	50	50	-	-	100
M. Tech. - Structural Engineering	16	68.75	6.25	0	0	75

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

The teaching plan is prepared taking into the account of the following aspects:

- In case of theory subjects, the syllabus is prescribed by the university and additional topics to be discussed based on the specific requirements.
- In case of practical subjects, the number of experiments is prescribed by the university and the additional experiments and design experiments are to be conducted based on the specific requirements.
- Prescribed syllabus has to be completed before conducting the unit, Internal and External examinations.
- The number of instructional and tutorial hours which is required for completing the syllabus of each subject based on the previous experience of the faculty.
- Diverse Assignments, for encouraging bright students, advanced topic assignments are imposed, giving awards to toppers in each class during annual celebrations.
- Awards & Rewards, based on the performance, toppers are appreciated during annual celebrations.

- Counselling, in the view of the student career, counsellors guide and motivate them towards their success.
- For assisting the weak students, remedial classes are conducted based on their performance in internal and external examinations, special classes are also conducted to enhance the performance by giving more practice on important concepts.

Learning Process:

The institution encourages the faculty to involve the students actively in the process of learning. Following support structures are available for the faculty to develop various learning skills among the students:

Interactive Learning:

- Besides traditional classrooms with a blackboard, every department is equipped with an e-classroom with an LCD projector and internet connectivity.
- Faculty regularly uses presentations and videos as teaching tools and encourages interactive learning among the students.
- Respective departments organize guest lectures and seminars regularly.

Collaborative Learning:

- Faculties facilitate discussions on important concepts within the classroom to encourage combined learning.
- Departmental associations are highly active in the institution.
- These associations regularly organize seminars, discussions and competitions to encourage collaborative learning among the students.

Independent Learning:

- The Central Library has a vast collection of books, journals, project reports, etc.
- A library hour is made compulsory for all the students to encourage the students to learn independently.
- Internet facility is available to the students to learn on their own.
- Further, assignments also encourage the students to learn on their own.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	2
UGC – Faculty Improvement Programme	38
HRD programmes	-
Orientation programmes	3
Faculty exchange programme	-
Staff training conducted by the university	15
Staff training conducted by other institutions	19
Summer / Winter schools, Workshops, etc.	63
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	45	-	-	-
Technical Staff	30	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

- **Analyzing the various Research areas to gather the information. Idea to share staff and student for further innovation.**

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	-	-	-	01
Outlay in Rs. Lakhs	-	-	-	6.36

3.4 Details on research publications

	International	National	Others
Peer Review Journals	40	-	-
Non-Peer Review Journals	15	-	-
e-Journals	05	-	-
Conference proceedings	27	26	-

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 (other than compulsory by the University)	-	-	-	-
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	1	2	-	-	-
Sponsoring agencies	SIETK & IFERP	DST-SERB, NCRSTND	-	-	-

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

3.13 No. of collaboration 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	-NA-
	Granted	-NA-
International	Applied	-NA-
	Granted	-NA-
Commercialised	Applied	-NA-
	Granted	-NA-

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

3.18 No. of faculty from the Institution who are Ph. D. Guides

And students registered under them

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

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

Extension Activities:

S. No.	Extension Activities	No. of Extension Activities
1	Health Awareness lectures	01
2	Blood Donation Camps	02
3	Motivational programmes	02
4	Orientation programmes	02
5	Awareness Rallies	01

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	28.63 acres	-	-	28.63 acres
Class rooms	54	8	College Trust	62
Laboratories	32	4	College Trust	36
Seminar Halls	2	2	College Trust	04
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	527	60	College Trust	587
Value of the equipment purchased during the year (Rs. in Lakhs)	18628500	10000000	College Trust	28628500
Others	-		-	-

4.2 Computerization of administration and library

Administration: Tally-ERP

Library: Bar-Coding Facility, Digital Library

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	30164	7464900	1899	509671	32063	7974571
Reference Books	5688	1508000	317	99799	6005	1607799
e-Books	2250	-	270	-	2520	-
Journals	140	255000	-	-	140	255000
e-Journals	Tie-Up with IEEE, J-Gate, DELNET					
Digital Database	Tie-Up with IEEE, J-Gate, DELNET & NPTEL					
CD & Video	1200		250		1450	
Others (specify)		-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	960	12	120 Mbps	2	1	15	16	-
Added	180	03	-	-	-	10	-	-
Total	1140	15	120Mbps	2	1	25	16	-

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

- | |
|---|
| <ul style="list-style-type: none"> • Wi-Fi campus. • State- of- the- art automation software has immensely improved the quality of the documentation process. • ICT enabled teaching learning process. |
|---|

4.6 Amount spent on maintenance in lakhs:

i) ICT

50,000

ii) Campus Infrastructure and facilities

51,634,348

iii) Equipments

15,561,925

iv) Others

-

Total :

672.46 lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Effective functioning of IQAC Cell
- Active participation of Teaching and Non-Teaching staff
- Organized Seminars and Workshops
- Orientation Programmes for first year students
- Feedback from all stake holders, implementation of suggestions and action taken report
- Awareness programmes
- Programmes on ethics, values and morals
- Social awareness programmes
- Continuous monitoring of activities by the IQAC cell

5.2 Efforts made by the institution for tracking the progression

- Alumni association to have at least one meeting in an academic year
- Counselling and Guidance
- Meeting with parents
- Sending Monthly reports to parents
- Continuous monitoring of activities by the IQAC cell

5.3 (a) Total Number of students

(2016-2017)

UG	PG	Ph. D.	Others
2228	310	01	-

(b) No. of students outside the state

(c) No. of international students

Men	No	%	Women	No	%
	1663	74.64		876	25.36

Last Year(2015-2016)						This Year (2016-2017)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1709	192	69	893	-	2863	1310	272	77	880	-	2539

Demand ratio: Students are allotted by counselling

Dropout %: -Nil-

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

The Institution is having exclusive Training and Placement Cell for improving students by conducting Mock tests, aptitude tests, training for competitive exams, expert lectures and seminars, GATE coaching for the students are conducted on regular basis.

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

- During the course of study, counselling and career guidance sessions are carried out regularly. In these sessions guidelines and timeline tips are being provided.
- Each counsellor allots the 20 students to make a counselling.
- Entrepreneurship Development Cell:
 1. Our institution to create an awareness of student to become an entrepreneur.
 2. Separate EDC running our institution.
 3. EDC conduct the awareness programme to invite various company CEO.

No. of students benefitted

All Year students are benefitted

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
06	607	156	66

5.8 Details of gender sensitization programmes

The duly constituted Women Empowerment Cell, National Service Scheme and Grievance Redressal Cell of the college continuously organize gender sensitization programmes like

- International Women's Day
- Health Awareness Programme
- Awareness programme on women entrepreneurship
- Prevention of female foeticide
- Conducted a medical camp

5.9 Students Activities

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

State/ University level **381** National level **171** International level **-**

No. of students participated in cultural events

State/ University level **6** National level **-** International level **-**

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

Sports : State/ University level **36** National level **8** International level **-**

Cultural: State/ University level **1** National level **-** International level **-**

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	-	-
Financial support from government	-	-
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

S. No.	Extension Activities	No. of Extension Activities
1	Health Awareness lectures	01
2	Blood Donation Camps	02
3	Motivational programmes	02
4	Orientation programmes	02
5	Awareness Rallies	01

5.13 Major grievances of students (if any) redressed:

- Considered the arrangements for training programmes.
- Considered the SMS way of informing the parents for most effective and speedy communication.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

“To be one among the premier institutions of the country in producing ethically strong and technically sound engineers and managers to serve the nation.”

Mission:

“To create sacred environment for the students to acquire knowledge through innovative and professional approach and utilize it for the welfare of the mankind.”

6.2 Does the Institution has a management Information System

Curriculum is planned by the University. The college implements it in strict accordance with the existing rules and norms.

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

6.3.1 Curriculum Development

Curriculum is planned by the University. The college implements it in strict accordance with the existing rules and norms

6.3.2 Teaching and Learning

- ICT enabled teaching.
- Demo based teaching.
- Coaching classes conducted to hone the communicative skills of the students.

6.3.3 Examination and Evaluation

- Internal Examinations are conducted as per the instructions of the University. (Academic calendar attached).
- University Examinations are conducted as per the norms and regulations of the University of JUNTA
- Bar coding & Photocopy

6.3.4 Research and Development

- Published a compilation of research articles and conference proceedings of the teachers belonging to various disciplines.
- Classes are engaged with the help of smart class room, multi-media classroom and audio visual theatre.
- Automation software implemented to augment academic audit.
- Teachers are encouraged to write in national and international journals and books.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Books were bought for the new courses commencing from this academic year.
- ICT enabled teaching

6.3.6 Human Resource Management

- A well laid down Organization Chart is drawn up. The duties and responsibilities for all cadres are clearly defined. Due delegation with responsibility and accountability is also well drawn up. This hierarchical transparency facilitates the administrative process.
- Teachers are given additional charges for various extra-curricular and co-curricular activities.
- The College has an administrative office with a team of staff. The functioning of the office is very transparent and students are well informed about the functioning and services of the administrative office.

6.3.7 Faculty and Staff recruitment

Faculty and staff recruitments are done as per the rules and regulations of the University of JNTUA.

6.3.8 Industry Interaction / Collaboration

College support to Departments maintains continuous interaction with industries through MoU's. Through this the departments can get acquainted with industries for students' project, Guest lectures, visiting lectures, Industrial visit, internship, recruitment and other activities.

6.3.9 Admission of Students

<p>Admission of students for the programmes offered is by the Government under two modes</p> <ol style="list-style-type: none"> 1. Government Quota 2. Management Quota <p>Government Quota:</p> <ul style="list-style-type: none"> • For B.Tech. To join student based on EAMCET. For M.Tech.to join student based on PG CET. For MBA / MCA to join student based on ICET. <p>Management Quota:</p> <ul style="list-style-type: none"> • For B.Tech.50% and for M.Tech./MBA/MCA 50%

6.4 Welfare schemes for

Teaching	EPF, Group Insurance, Medical care
Non teaching	EPF, Group Insurance, Medical care
Students	<ol style="list-style-type: none"> 1. Merit Scholarship by the Management & Government schemes. 2. Sports scholarship by Management, Medical care.

6.5 Total corpus fund generated

6.06 Crore

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	University Nominees	Yes	HOD
Administrative	Yes	P. Murali & Co., Hyderabad	Yes	Internal Auditors

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?

- Examinations are conducted as per the University norms and regulations

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

- The University nominates members for Board of Studies, Academic Council, Governing Body and Result Passing Board.

6.11 Activities and support from the Alumni Association

ACTIVITIES & SUPPORT FROM THE ALUMNI:

- To promote good fellowship, goodwill and contact
- To promote personal and profession growth
- To co-ordinate for co-curricular activities i.e. industrial visits, tours, student's projects, R&D projects, placements, etc

6.12 Activities and support from the Parent – Teacher Association

The Parent-Teacher Association of the College provides active support for the academic and physical development of the college.

- Awards are conferred to the winners of the cultural events participated in the University and state-level.
- All departments conduct class wise open forums after internal examinations.
- The Proficiency awards and Scholarships given by the PTA every year, helped to generate a healthy competition among the students and enthuse them to excel in studies

6.13 Development programmes for support staff

- To give a Training on transformation, adaptability & flexibility.
- To provide a path improve the knowledge of various skills.

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

- Training is imparted to the students to make eco-friendly paper bags.
- Green clean campus drive is continuing to make the campus eco-friendly.
- Various awareness programmes relating to environmental protection has been conducted.

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.

Classes are engaged with the help of smart class room, multi-media classroom and audio visual theatre.

- Continuous environment monitoring to make the campus study atmosphere.
- Automation software implemented to augment academic audit.

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

The plan of action conceived during the beginning of the academic year has been successfully initiated and completed accordingly.

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

- UG, PG & Ph.D., project/research on emerging and thrust areas.
- Continuous environment monitoring to make the campus study atmosphere.

7.4 Contribution to environmental awareness / protection

- Awareness programmes on environmental issues.
- Strengthening of Academic merit & Sports awards by the management.

7.5 Whether environmental audit was conducted?

Yes

No

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

Strength:

- Parents teachers Association (PTA).
- Additional Skill Acquisition Programme (ASAP).
- Permanent appointments conducted regularly to fill the vacant positions.
- Easy accessibility to college.
- Women's Development Centre
- Infrastructural facilities of the college extended to the local community as a service.
- Women friendly campus.
- Eco-friendly campus.
- Active participation of students in club activities.
- Updated library software.

Weakness:

- Maximum number with regional language background
- Maximum number of students from rural background

Opportunities:

- To form a placement cell with the help of ASCOSA- alumni Association for jobs abroad.
- Support financially weak deserving students.
- Take keen interest in the welfare of the PWD students.
- Guidance for interested and deserving students for jobs and higher education.

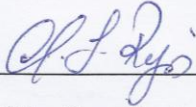
Threats

- More opportunity to learn practical way of life.
- Lack of adequate campus placement

8. Plans of institution for next year


1. Additional canteen is to be constructed.
2. Additional seminar hall is established.
3. CCTV cameras are extended to all the areas.
4. Extend the ATM facility for other Bank.

Name Dr. M. Janardhana Raju



Signature of the Coordinator, IQAC

Name Dr. K. Chandrasekhar Reddy



Signature of the Chairperson, IQAC

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