

# Annual Quality Assurance Report (AQAR) – 2016-17

Submitted To



National Assessment and Accreditation Council (NAAC)

Submitted By



**Godavari Institute of Engineering & Technology,**

(An Autonomous Institution)

Approved by AICTE, Permanently affiliated to JNTU, Kakinada

Recognised by UGC under 2(f) & 12(B)

NH - 16, Chaitanya Knowledge City, RAJAMAHENDRAVARAM- 533296

Andhra Pradesh, India.

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## 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

#### 1. Details of the Institution

1.1 Name of the Institution

Godavari Institute of Engineering & Technology (A)

1.2 Address Line 1

Chaitanya Knowledge City, NH - 16,

Address Line 2

Rajanagaram

City/Town

Rajamahendravaram

State

Andhra Pradesh

Pin Code

533296

Institution e-mail address

principal@giet.ac.in

Contact Nos.

+91-9949496338, +91-9676015566

Name of the Head of the Institution:

Dr. D.V Ramamurthy, Principal

Tel. No. with STD Code:

+91-9949496338, +91-9676015566

Mobile:

+91-9949496338, +91-9676015566

Name of the IQAC Co-ordinator:

Dr.T.Jayananda Kumar

Mobile:

+91-9676015566

IQAC e-mail address:

naac@giet.ac.in; principal@giet.ac.in

1.3 NAAC Track ID (For ex. MHC0GN 18879)

APCOGN80479

(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)

NAAC/A&AOC/EC-63/54/2013  
Dated 26 March, 2013

1.5 Website address:

<http://www.giet.ac.in/>

Web-link of the AQAR:

<http://www.giet.ac.in/iqac/aqar-2016-17.doc>

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	A	3.31	23 <sup>rd</sup> March, 2013	5 Years upto 22/03/2018
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

10/07/2012

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

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR\_2013-14 \_\_\_\_\_ 14/10/2014 \_\_\_\_\_ (DD/MM/YYYY)
- ii. AQAR\_2014-15 \_\_\_\_\_ 06/10/2015 \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR\_2015-16 \_\_\_\_\_ 08/11/2016 \_\_\_\_\_ (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) Master of Computer Applications (MCA)

1.12 Name of the Affiliating University (*for the Colleges*)

Jawaharlal Nehru Technological  
University Kakinada (JNTUK), Kakinada

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

Autonomy by State/Central Govt. / University

JNTUK and UGC

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

02

2.4 No. of Management representatives

02

2.5 No. of Alumni

01

2.6 No. of any other stakeholder and  
community representatives

01

2.7 No. of Employers/ Industrialists

01

2.8 No. of other External Experts

01

2.9 Total No. of members

18

2.10 No. of IQAC meetings held

02

2.11 No. of meetings with various stakeholders:

No.

03

Faculty

01

Non-Teaching Staff Students

01

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 Nos.  International  National  State  Institution Level

(ii) Themes

- Curriculum and regulations
- Outcome based education
- Pedagogy
- Intellectual Property Rights
- Student Centered Learning & Training
- Research Orientation & Participation

2.14 Significant Activities and contributions made by IQAC

Quality parameters developed for various academic / administrative activities of the institute.

- Implementation of Outcomes Measurement for the courses in various programmes.
- Academic auditing
- Orientation Programme for 1<sup>st</sup> Year students
- Encourage more number of faculties to apply research proposals for research grants from various funding agencies like DST, AICTE, UGC, DRDO and ISRO etc.
- Arranging Training on latest technologies for students
- Arranging Regular training / certification programmes for supporting staff
- Faculty are encouraged to participate in Workshops/Conferences
- Conducting workshops on emerging technologies for faculty
- Ensure continuous enhancement of knowledge /skills of teaching faculty.
- Strengthen the alumni relationship by increasing the registration through online portal.
- Identifying thrust areas and recommending new laboratories
- Faculty and students are encouraged to get certifications from NPTEL with reward from the Institute. (710 registered and completed study, 23 certifications for faculty and 7 certifications for students against 30 exam registrations – 100% result)
- Remedial classes for the students in need, especially for the students having back-log subjects.
- ‘3 Day’ seminar conducted with ISRO scientists for the benefit of both students and faculty along with ISRO exhibition.

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
Makeup and Remedial classes	Several students were benefited
Organizing National / International Level Conferences.	Publications of faculty have increased, Quality of student projects increased.
Planned for Project Exhibition and technical events viz, Paper presentation, Seminars, design challenges, industrial visits etc.,	Large number of students has participated in competitions designed to encourage students to latest technologies, building strength to think, plan, design and develop working models.
Provide for GATE coaching by college faculty along with expert lectures by professors from national level institutes to the final year students	Totally 23 students have been qualified
Provided need based Teaching	Additional revision lectures and practical sessions are conducted. Support from expert guest faculty from industry and academia is taken and guest lectures are arranged.
Encouraged faculty participation in seminar, workshop and conference.	Many Faculty members attended faculty development programs to enhance their domain expertise and knowledge of latest trends.

\* Attach the Academic Calendar of the year as Annexure-1.

2.15 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

IQAC has become an integral part of the strategic planning for institute.

Management of the institute is using IQAC reports in synchronizing the institute's resources and capabilities; along with SWOC analysis to build an environment in which students and faculty would achieve their goals.

## Part – B

### 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	10	-	10	-
UG	07	-	07	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
<b>Total</b>	17	-	17	-
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

√      √      √      √

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

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

Pattern	Number of programmes
Semester	17
Trimester	-
Annual	-

##### 1.3 Feedback from stakeholders\*

(On all aspects)

Alumni  Parents  Employers  Students

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

*\*Please provide an analysis of the feedback in the Annexure-02*



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

The University provided academic autonomy to the Institute to revise or update existing curricula to incorporate latest knowledge development. On an average regular curricula revision and up gradation takes place at the interval of every 3 years. The Board of Studies (BOS) of the concerned department consists of all the teaching staff and external members from national institutes and industries.

Introduced MOOCs, Gap Year, CBCS, Open electives.

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

1. SIEMENS Software Authorized Training Centre has been established in Mechanical Engineering Department, in collaboration with SIEMENS industry software Pvt. Ltd., India and Andhra Pradesh State Skill Development Corporation. (APSSDC-TSDI).
2. SIEMENS R & AC Lab
3. Domestic Electronics Lab
4. Industrial Electronics Lab
5. Employability skill centre
6. Virtusa Centre of Excellence
7. Students Chapter of Space Society of Mechanical Engineers, with GIET as Institutional member has been established and the updates from the society has been made available to all the students through Library.

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	245	208	19	17	01

2.2 No. of permanent faculty with Ph.D. 35

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Assistant Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	06	--	04	--	00	00	--	--	10	00

2.4 No. of Guest and Visiting faculty and Temporary faculty 05 06 --

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International Level	National Level	State Level
Attended Seminars / Workshops	02	25	22
Presented papers	05	40	11
Resource Persons	02	15	10

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

- Learning through design competitions and Hackathons.
- Participation by students and faculty in the University Innovation Fellows Programme of Stanford University, supported by GOOGLE and APSSDC and proposing Innogen Programme by the GIET students in bringing the change in educational system.
- Student centric learning through extensive use of ICT like NPTEL-VIRTUAL LABS
- Blending learning with e-resources through 24X7 available free access to Cyber Library.
- Adopting APSSDC Skill development Programmes in the Time-Table and providing day to day training to Students on programmes like Revit, Solid Edge, Solid Works, etc...
- Concretization and Enrichment of learning experiences through mandatory assignments, seminar presentations and project work.
- 'Project Expo Programme' for the students being continued to bring-out the inherent knowledge of the students on New Product Development.
- Fostering the culture of knowledge acquisition through wider self-exposure to latest knowledge through the library and on-line subscribed books and journals.
- Ensuring continuous updating of teacher competencies through a strong policy and encouraging faculty to visit institutes of national importance IITs, NITs and World's Top Foreign Universities viz., Harvard, MIT, Stanford, UC-Berkeley and University of Oklahoma, Tennessee Technical University, USA.

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

192

2.8 Examination/ Evaluation Reforms initiated by the Institution

- The Institution has a Standing Committee on Examination Reforms which meets periodically to review the examination system.
- Formative and summative evaluation is planned well in advance.
- Examination pattern is being changed to ensure comprehensive learning with the approval of BOS, Academic Council and Governing Body of the institute.

Some of the other noteworthy reforms in examinations:-

- Computerization of mark sheet printing, enrolment registers.
- Photographs are also captured and put in database at the time of enrolment.
- Preparation of basic database of students.
- Proper upkeep of permanent record introduced.

2.9 No. of faculty members involved in curriculum

Restructuring/revision/syllabus development

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

Total= 90

2.10 Average percentage of attendance of students

82

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 Engg.	74	27	20	16	Nil	63
B. Tech EEE	137	24	44	5	Nil	73
B. Tech Mech. Engg.	120	33	36	20	Nil	89
B. Tech ECE	136	22	36	17	NIL	75
B. Tech CSE	114	27	45	13	Nil	85
B.TECH. AME	26	4	27	Nil	Nil	31
B.Tech. Mining Engg.	67	33	21	Nil	Nil	54
MBA	89	53	16	Nil	Nil	69
MCA	31	23	61	4	Nil	88
M.Tech. Structures	28	32	35	Nil	Nil	67
M.Tech. Power Systems	17	41	35	Nil	Nil	76
M.Tech. CAD/CAM	10	20	Nil	Nil	Nil	20
M.Tech. Therm. Engg	17	23	Nil	Nil	Nil	23
M.Tech. VLSI	18	84	Nil	Nil	Nil	84
M.Tech. DECS	18	17	Nil	Nil	Nil	17
M.Tech. SE	0	0	0	0	0	0
M.Tech. CSE	13	39	Nil	Nil	Nil	39

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

- Faculty Course Assessment Reports prepared by every faculty member are perused.
- Program outcome attainment reported by Head of the Department is reviewed.
- Program educational objective attainment is obtained by direct and indirect methods.
- Training need analysis is conducted every semester.
- Periodic Departmental audits were conducted.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	05
UGC – Faculty Improvement Programme	45
HRD programmes	04
Orientation programmes	25
Faculty exchange programme	02
Staff training conducted by the university	07
Staff training conducted by other institutions	43
Summer / Winter schools, Workshops, etc.	59
Others	33

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	53	--	--	--
Technical Staff	47	--	--	--

## Criterion – III

### 3. Research, Consultancy and Extension

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

Faculty are encouraged by providing incentives for research papers publications in reputed journals.  
Addressing about various research schemes through Research and Development cell.  
Establishing linkages with institution / organizations for training and Research & Development.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	--	--	7
Outlay in Rs. Lakhs	--	--	--	39,62,800

#### 3.3 Details regarding Minor Projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	---	01(UGC)	01
Outlay in Rs. Lakhs	--	--	Rs 3,40,484/-	Rs 2,90,484/-

#### 3.4 Details on Research Publications

	International	National	Others
Peer Review Journals	41	6	NIL
Non-Peer Review Journals	64	--	--
e-Journals	65	3	--
Conference proceedings	05	37	--

#### 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	01	UGC-SERO	Rs 3,40,484/-	Rs 2,90,484/-
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	Aparna Tiles ADB Raod, Kakinada	1,00,000	65,000
Projects sponsored by the University/ College	03	GSL Medical College, KIMS Medical College,	1,00,000	69,000/-
Students Research Projects <i>(other than compulsory by the University)</i>	02	Self	9,40,000/-	7,80,000/-
Any other(Specify)	--	--	--	--
Total	--	--	14,80,484	1204484

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	--	2	--	--	--
Sponsoring agencies	--	Dream Step software Solutions, Rajahmundry	--	--	--

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
--	--	02	--	--	--	--

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	<input type="text" value="2"/>	State level	<input type="text" value="11"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

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="12"/>		
NCC	<input type="text" value="--"/>	NSS	<input type="text" value="45"/>	Any other	<input type="text" value="--"/>

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

- Workshop on personal development program
- Anti-Ragging awareness program
- SC, ST student Entrepreneur awareness program
- Teachers day celebrations
- Awareness program on Civil services
- Swamy Vivekanda Jayanthi.
- World Students' Day
- Engineers' Day
- Passport mela
- Parents Meet
- NSS Foundation Day
- Awareness day against AIDS
- Cashless Transactions Awareness Programme for the Villagers
- Rashtriya Ekta Diwas - Sardar Vallabhbhai Patel Jayanti
- Neeru-Chettu Programme
- Awareness campaign against child marriage
- Vanam-Manam Programme
- Skill Development for the Local Youth
- State Skill Development Program
- Blood Donation Camp
- National Voters Day

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	Ac 27.63 Cts.	--	Self	Ac 27.63 Cts.
Class rooms (square meters)	UG 4826 PG 756 MBA 178 MCA 250		Self	UG 4826 PG 756 MBA 178 MCA 250
Laboratories (square meters)	UG, PG 10425		Self	UG, PG 10425
Seminar Halls (square meters)	UG, PG 1550 MBA 132  MCA 132		Self	UG, PG 1550 MBA 132  MCA 132
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	--	4	Self	4
Value of the equipment purchased during the year (Rs. in Lakhs)		15.5 Lakhs	Self	15.5 Lakhs
Others				

#### 4.2 Computerization of administration and library

- Use of WISIS software in library.
- Use of computers and data storage in all administration & library sections.
- Use of Tally software for account maintenance.
- Library has computerized. Issue & Collection through BAR Code System.
- BEES software is used for Examination section
- ECAP software for college automation
- Use of Wire-less Bar-Coder for Library
- Computerized Book Bank facility for the Students

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	62099	16125590	3311	1773963	65410	17899553
Reference Books	1846	517117	100	54624	9495	571741
e-Books	2117	--	128	--	2245	--
Journals	131				131	
e-Journals	412	--	--	--	--	--
Digital Database	DELNet , NPTEL	66000	--	--	--	66000
CD & Video	--	--	--	--	--	--
Others (specify)	--	--	--	--	--	--

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	768	10	155 Mbps	2	03	24	711	30
Added	100	2	--	--	--	5	60	35
Total	868	12	155 Mbps	2	3	29	771	65

#### 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>• Adequate computer access to faculty / staff / students</li> <li>• Training to faculty / staff / students on ICT</li> <li>• Wi-Fi enabled campus</li> </ul> |
|---|

#### 4.6 Amount spent on maintenance in lakhs:

i) ICT	7.80329
ii) Campus Infrastructure and facilities	11.20600
iii) Equipments	16.12456
iv) Others	11.20612
<b>Total:</b>	<b>46.33997</b>

## Criterion – V

### 5. Student Support and Progression

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

- Training & Placement assistance through alumni.
- GATE coaching
- Bridge courses and student counselling
- Health centre facility
- Scholarship for academically excellent & financially poor students
- Grievance Redressal Cell
- Arrangement of Industrial visit to enhance practical knowledge.

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

- Conducting career development programmes for students.
- Following transparent admission procedure.
- Highlighting achievements of students in college newsletter.
- Making college bus facility available for field visits.
- Arranging parents meet and informing them on the progress of their children.
- A mentor is allocated for a batch of 20 students in each programme to monitor and counsel the students' progress in academic as well as extra-curricular activities

#### 5.3 (a) Total Number of student's

UG	PG	Ph.D.	TOTAL
2650	462	--	3112

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

113
-----

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

46
----

Men	No	%	Women	No	%
	2503	80.43		609	19.51

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1501	415	50	1250	--	3216	1484	384	35	1267	-	3066

Demand ratio : 95.9

Dropout % : 0.2

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

- Curriculum itself covers the syllabus contents of competitive examinations.
- Examination pattern includes MCQs
- Training on aptitude / quantitative / communication aspects through mandatory personality development courses embedded in the curriculum.
- Intensive and periodic coaching in English language and communication skills.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	<input type="text" value="--"/>	SET/SLET	<input type="text" value="--"/>	GATE	<input type="text" value="23"/>	CAT	<input type="text" value="--"/>
IAS/IPS etc	<input type="text" value="--"/>	State PSC	<input type="text" value="--"/>	UPSC	<input type="text" value="--"/>	Others	<input type="text" value="25"/>

5.6 Details of student counselling and career guidance

- Counselling and career guidance programs to promote the personal, social, educational, and career development of students
- Student mentor system to counsel and guide the students.
- Faculty Counsellor is appointed for every 20 students
- The strength and weakness of each student is identified through counselling.
- Students are given guidance to use their strength and overcome the weakness.
- Career guidance cell functions to tap the potentiality in students which help them to take up the profession of their interest.
- Technical orientation programme for I year students.
- Aptitude Training Programme to enhance the problem-solving skills of students
- GATE coaching for student's higher studies

No. of students benefitted

5.7 Details of campus placement

Number of Organizations Visited	<i>On campus</i>		<i>Off Campus</i>
	Number of Students Participated	Number of Students Placed	Number of Students Placed
33	615	422	53

## 5.8 Details of gender sensitization programmes

Gender specific programs are conducted periodically to create awareness regarding complementary nature of Genders.  
 Women Grievances Redressal Cell is active and it functions separately for the welfare of the girl students and lady faculty and staff.

## 5.9 Students Activities

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

State/ University level  National level  International level

### No. of students participated in cultural events

State/ University level  National level  International level

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

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	192	8325850
Financial support from government	2184	86591500
Financial support from other sources	30	2106000
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:

Internet Speed is low – Bandwidth is increased

## Criterion – VI

### 6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION: To evolve and emerge into a premier and the most preferred educational institute at every level of academic pursuit across the country.

MISSION: To foster human excellence imbued with integrity, loyalty and the spirit of service to mankind through quality education steeped in Indian ethos & values.

6.2 Does the Institution has a management Information System

YES

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

6.3.1 Curriculum Development

- Curriculum was revised based on feedback from stakeholders and peers.
- Introduced self-learning courses
- Industry internships
- Appointing industry personal and alumni as members of board of studio

6.3.2 Teaching and Learning

Implementation of Outcome Based Education.

- Defining course outcomes to meet programme outcomes.
- Identifying content delivery method.

MOOCs

Virtual Labs

Guest lecturers

Field trips and lab lectures.

Mentoring

Tutorial teaching

Mapping student outcomes / Instructional objectives and programme

Educational objectives

Uploading lesson plan / Question paper keys

Use of internet, PPT presentation during class room teaching.



### 6.3.3 Examination and Evaluation

All components in any programme of study are evaluated continuously through internal evaluation and an external evaluation. Internal evaluation is done throughout Semester in the form of mid examinations and assignments. External evaluation is done at the end of Semester in the form of end examination.

- Question paper setters and Evaluation of answer scripts will be done by the external examiners.
- The method of evaluation involves coding & decoding of answer scripts to ensure unbiased evaluation. Evaluation process is transparent. Institute communicates the outcome of the evaluation by publishing results on the internet through Institute website.
- Students are permitted to request for recounting/ reevaluation of the end theory examination answer scripts within a stipulated period after announcement of the results.

### 6.3.4 Research and Development

Separate Research & Development cell is initiated through Dean R&D

- Research committee has been constituted for inculcating research atmosphere and to review the progress of research activities in the campus
- Incentives for research publications and research projects are provided.
- Funded projects by industries / Government departments
- Publication in peer reviewed , refereed and SCI journals
- Incentives for faculty for publishing quality papers / getting funded projects
- Sponsorship to present papers in / attend international / national conferences.

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

- Fully automated, well stocked, central library
- Student records / attendance / internal marks / fee payments / fully computerised.
- Correspondence through e-mails
- Wi-Fi enabled campus

### 6.3.6 Human Resource Management

- Effective appraisal system has been followed to assess the performance of faculty.
- Organization of in-house faculty development programmes.

### 6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment is done through open advertisement and by a selection board consisting of management members, principal, Deans, respective HODs and subject experts.

- Online submission of resume
- Scrutinizing of application as per the college norms.
- Conducting Interviews in the presence of external experts and

### 6.3.8 Industry Interaction / Collaboration

- A dedicated Industry- Institute Interaction Cell (IIIC).
- Collaborative MoUs with industries

### 6.3.9 Admission of Students

Admission of students are made as per the Norms of AP state Government.

### 6.4 Welfare schemes for

Teaching	Transport Facilities, Medical and Maternity Leave, Medical checkups, EPF are provided.
Non teaching	Transport Facilities, Medical and Maternity Leave, Medical checkups, EPF are provided.
Students	Scholarships to poor and meritorious students, gold medals to the toppers of all branches, Dispensary in college campus for medical needs. Selected students are sponsored for University Innovation Fellows (UIF) travel abroad and other programs.

6.5 Total corpus fund generated: Rs. 1,15,69,842/-

6.6 Whether annual financial audit has been done    Yes     No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	--	Yes	Principal
Administrative	No	--	Yes	Principal

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?

- Automatic generation of Hall tickets and student specific OMR sheets.
- Examiners for lab end examinations are from other colleges and universities.
- Evaluation process involves coding & decoding of answer scripts.
- Recounting and revaluation facility is provided to student.

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

- University nominees are helping the Board of Studies (BOS) and College Academic Council (CAC) in framing and implementing the syllabi and academic regulations.

6.11 Activities and support from the Alumni Association

An alumni meeting is conducted every year. They regularly interact with the students to create awareness about an industry environment.  
Guest lecturers are also arranged through alumni.

6.12 Activities and support from the Parent – Teacher Association

Parents meet is conducted twice in a year. Suggestions are received from the parents for the improvement of the institution. The difficulties faced by the students are obtained and they are rectified before the next meeting.

6.13 Development programmes for support staff

- Incentives for Higher Studies
- Absorption in teaching cadre once they acquire requisite qualification and if found suitable
- Language Training

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

- The College has a green campus and peace ambience with sylvan surroundings
- Campus is completely pollution free
- New saplings are planted
- Minimizing Water Wastage
- Rainwater Harvesting
- Smoke free campus
- Solar power plant is established.
- Continued use of Battery Operated Vehicles for Faculty and Parents.
- Participation in Neeru-Chettu Programme of AP Government Initiative and encouraged students participation in planting new saplings with owner-ship.

## 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.

- Introduced quality improvement program for faculty and non-teaching staff through industrial experts for practical exposure.
- Established Virtusa – Polaris centre of excellence.
- Final year projects were mentored by international experts.

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

IQAC planned the objectives for current year (2016-17) and its progress was monitored through action taken report from all concerned persons. In its meeting these action taken reports were discussed and correction was done appropriately whenever it was required.

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

- Placement Cell and Student Counselling
- Faculty Forum
- Ensuring continuous updating of teacher competencies through a strong policy and deputing faculty to visit institutes of national importance IITs, NITs and World's Top Foreign Universities viz., Harvard, MIT, Stanford, UC-Berkeley and University of Oklahoma, Tennessee Technical University, USA.
- Green measures: Bicycles and Electric vehicles for internal transport, energy load sharing by roof top solar PV system, water harvesting are a few to list.

7.4 Contribution to environmental awareness / protection

- Plantation programme has been taken up by the NSS unit for increasing the green cover in the campus.
- Care is taken to restrict vehicle entry into the campus and specific parking area is allotted for faculty and students.
- Bicycles are provided for local mobility in the campus.
- The institute restricted the usage of plastic bags in the campus.

7.5 Whether environmental audit was conducted? Yes  No

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

- The Institute imparts quality education for students hailing from rural areas.
- The institute has very good infrastructure with well-equipped laboratories, digital library, computing facilities with networking, web based information system, Wi-Fi campus and committed faculty members who are young, dynamic and quality conscious.
- In-house placement and training programs, career guidance from 2nd year onwards help students in getting good placements in industries.
- Entrepreneurship Development cell provides special attention to develop Entrepreneurship skills to mould students to become Entrepreneurs and also provides support to local Entrepreneurs.
- Upcoming industrial hubs.
- Inland water ways.

8. Plans of institution for next year

- Getting all UG and PG programs Accreditation by 2017-18
- Faculties shall be encouraged to involve in R&D and Consultancy activities.
- Faculties shall be encouraged to participate more in the National / International Conferences, Workshops and Seminars etc.
- Becoming a Centre of Excellence for Technical Education and Research.
- Faculties shall be encouraged to pursue higher studies.
- To complete the pending infrastructural works in the campus.
- To enhance the job opportunity by attracting more good companies
- Uplifting the sports ground and facilities for sports and games.
- Beautification of the college campus by planting, decorative and ornamental plants to create good ambience.
- Strengthening of networking and computing facilities.
- Construction of Hostels for International students.
- Establishment of Gas Testing centre.
- Establishment of Vehicle testing centre.

Name S. T. Jayaramulu Name

Dr DV Ramaswamy

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

PRINCIPAL

Gedavari Institute of  
Engineering & Technology  
16, Chaitanya Knowledge City  
RAJAHMUNDRY.

LIST OF ANNEXURES

Academic Calendar for the A.Y. 2016-17

Annexure 1



Godavari Institute of  
Engineering & Technology