



## GANADIPATHY TULSI'S JAIN ENGINEERING COLLEGE

Vellore – 632 102

# THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC FOR THE ACADEMIC YEAR 2015 - 16



Submitted to

## NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

### GANADIPATHY TULSI'S JAIN ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University - Chennai)

Chittoor - Cuddalore Road, Kaniyambadi, Vellore - 632 102, Tamil Nadu, India

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# The Annual Quality Assurance Report (AQAR)

## Part – A

**AQAR for the year**

2015-2016

### **1. Details of the Institution**

1.1 Name of the Institution

GANADIPATHY TULSI'S JAIN ENGINEERING COLLEGE

1.2 Address Line 1

CHITTOOR-CUDDALORE ROAD

Address Line 2

KANIYAMBADI, VELLORE – 632102

City/Town

VELLORE

State

TAMILNADU

Pin Code

632102

Institution e-mail address

[www.gtec.ac.in](http://www.gtec.ac.in)

Contact Nos.

8012570109, 8012570152

Name of the Head of the Institution:

DR.M.BHARATHI

Tel. No. with STD Code:

0416 2230900

Mobile:

8012570109

Name of the IQAC Co-ordinator:

B.THENRAL

Mobile:

9942371304

IQAC e-mail address:

iqac@gtec.ac.in

1.3 NAAC Track ID (For ex. MHC0GN 18879)

TNCOGN24061

**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)

1.5 Website address:

www.gtec.ac.in

Web-link of the AQAR:

<http://www.gtec.ac.in/aqar.pdf>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B	2.60	2016	5 years
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

10/06/2015

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

i. AQAR 2015 - 16 submitted to NAAC on 14-11-2016

1.9 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

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

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

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

**16**

2.2 No. of Administrative/Technical staff

**2**

2.3 No. of students

**7**

2.4 No. of Management representatives

**1**

2.5 No. of Alumni

**7**

2.6 No. of any other stakeholder and  
community representatives

**1**

2.7 No. of Employers/ Industrialists

**1**

2.8 No. of other External Experts

**1**

2.9 Total No. of members

**30**

2.10 No. of IQAC meetings held

**3**

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

NITTTR training programme , Instructional Design and Delivery Systems,  
 ISO quality training program.

2.14 Significant Activities and contributions made by IQAC

Regular Academic Audit.  
 Faculty development programmes for effective teaching learning process.  
 Periodic verification of PO & CO.

2.15 Plan of Action by IQAC/Outcome

Plan of actions	Achievements
To Organize Industrial Visit - Hydro power plant at Sathanoor Dam	Organized Industrial Visit - Hydro power plant at Sathanoor Dam on 11.8.2015
To Conduct Workshop on (Industrial Automation PLC&SCADA) for Final Year	Conducted Workshop on (Industrial Automation PLC&SCADA) for 2 days from 20.8.15 to 21.8.15
To Conduct Workshop on (Industrial Automation PLC&SCADA) for IIIrd Year	Conducted Workshop on (Industrial Automation PLC&SCADA) on 29.8.15
To organize Industrial visit to Doddabetta Tea Factory at Coonoor	organized Industrial visit to Doddabetta Tea Factory at Coonoor on 13.9.16
To organize LT14-Introduction to Industrial Electrical systems at L&T Switch gear Training center - Coonoor(OOTY)	organized LT14-Introduction to Industrial Electrical systems at L&T Switch gear Training center - Coonoor(OOTY) from 14.9.16 to 15.9.16
To organize Industrial Visit to Hydro power plant at Mettur Dam	organized Industrial Visit to Hydro power plant at Mettur Dam on 16.9.16
To organize Internship Live Industrial work	organized Internship Live Industrial work Practice on

Practice on (Transformer and Panel Board Reaction ) at Electro Power Engineering and Enterprises - Ranipet	(Transformer and Panel Board Reaction ) at Electro Power Engineering and Enterprises - Ranipet on 27.9.16
To conduct On campus project demo for Final year students by SKM Training Institute Vellore	Conducted On campus project demo for Final year students by SKM Training Institute Vellore on 04.01.16
To conduct On campus project demo SKY TOUCH Automation Nammakal for Final year students	conducted On campus project demo SKY TOUCH Automation Nammakal for Final year students on 05.01.16
To conduct On campus project demo Alumini student of GTEC Saikumar from VIT foe	conducted On campus project demo Alumini student of GTEC Saikumar from VIT on 06.01.16
To organize Guest lecture on "Energy conservation & Safety precautions"	organized Guest lecture on "Energy conservation & Safety precautions" on 01.02.16
To organize Guest lecture on "DIGITAL SIGNAL PROCESSING" conducted by Mrs.R.Jayarani AP/ECE Anna University Trichy Final year students	organized Guest lecture on "DIGITAL SIGNAL PROCESSING" conducted by Mrs.R.Jayarani AP/ECE Anna University Trichy Final year students from 08.05.16 to 09.05.16
To organize Guest lecture on "CONTROL SYSTEM" conducted by Dr.K.Rajeswari Velammal Engg college for III year students	organized Guest lecture on "CONTROL SYSTEM" conducted by Dr.K.Rajeswari Velammal Engg college for III year students on 09.05.16
To Initiate a Staff Development Programme on "General PC Maintenance and Troubleshooting",	Conducted Staff Development Programme 30th Oct, 2015, the IT department organized a programme to enhance the technical skills of Technical & Non-Teaching Staffs from various departments of GTEC
To conduct a Faculty Development Programme on "LAMP Server"	Conducted Faculty Development Programme During 2nd – 3rd Nov, 2015 this FDP was hosted by IT dept & Mr.M.Saravanan, Associate Professor, Department of Information Technology, handled the course for all faculty members of IT/CSE/MCA
To conduct a Training Programme on "Design Trends in Photoshop"	Conducted Training Programme During 6th – 7th Nov 2015, by IT for all Teaching & Non-Teaching
To organize a Guest lecture on "IoT (Internet of Things)"	Organized Guest lecture on 11th Dec, 2015. Mr.V.S.Rajan, Software Architect, Adthiya Info media Solutions, Chennai.
To create an Awareness Programme on "Diverse Learning Needs"	Conducted Awareness Programme on 19.01.16. Dr.R.Manjuladevi, M.B.B.S., D.P.M, Professional Counselor & Consultant Psychiatrist
To Conduct Workshop on "Android Apps Development"	Conducted Workshop on 19th Oct, 2015, Mr.V.S.Rajan, Software Architect, Adthiya Info media Solutions, Chennai,
To Organize Workshop on "Entrepreneurship Orientation Programme"	Organized Workshop on 2.2.2016, Organized by NSIC, Chennai
To organize a One Day Workshop on "Microsoft Azure Cloud Computing Platform and IoT"	Organized Workshop 15th June, 2016. Mr.Saravanan & Mr.Sumanth, Microsoft India

\* Attached the Academic Calendar of the year as Annexure I.

2.15 Whether the AQAR was placed in statutory body    Yes     No   
Management     Syndicate     Any other body

Provide the details of the action taken

The AQAR was approved of, by the management and the areas that have to be improved were identified.



## 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	<b>8</b>	-	-	-
UG	<b>6</b>	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	<b>5</b>
Others	-	-	-	-
<b>Total</b>	<b>14</b>	-	-	<b>5</b>

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

###### Core Options:

The Programme core consists of set of courses considered necessary for the students of a specific programme. The students must compulsorily register for all the core subjects prescribed by the university. They enhance their academic and employment skills through the following:

- Additional lecture hours introduced for problem oriented and difficult subjects
- Guest lecture given by eminent persons in emerging areas from industry and also from academic institutions.
- Mini projects and industry based final year projects
- Seminars by students
- Industrial visits
- Performing more number of experiments than required.

Elective Options:

- The students of UG and PG courses may choose up to a maximum of 3 - 5 electives depending on curriculum. The elective subjects offered are based on the latest technological trends and industrial needs so that at the end of the programme, the student is ready for the industry. The students may register for appropriate electives offered in the programme based on their area of interest.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	14
Trimester	-
Annual	-

1.3 Feedback from stakeholders\* : Alumni  Parents  Employers  Students   
(On all aspects)

\*An analysis of the feedback is provided in the Annexure-II & III.

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.

**No**

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

**No**

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	123	103	16	4	NIL

2.2 No. of permanent faculty with Ph.D.	4
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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
	21	25	4	23	2	12	NIL	NIL	NIL	NIL

2.4 No. of Guest and Visiting faculty and Temporary faculty	NIL	NIL	NIL
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	NIL	301	19
Presented papers	68	27	4
Resource Persons	NIL	2	3

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

Smart Classrooms are implemented for education, which have a computer along with the Audio/Visual equipments allowing the Professors to teach with wide variety of media. Audio/Video aids are prepared for all Courses.

e-learning provides a platform for students to improve their technical knowledge through e-resources. The e-resources include e-books of various courses of each department, NPTEL videos, AVIEW- Online Classes and Virtual Labs.

Programme co-ordinators, course co-ordinators for effective implementation of outcome based education in teaching learning process.

Modern teaching methodologies are adopted based on courses.

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

190 days

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

- Faculty members are insisted to prepare the question paper in accordance with Bloom's Taxonomy.
- Continuous learning Assessment tests were introduced in all the classes to assess performance of students on regular basis.

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

NIL

NIL

NIL

2.10 Average percentage of attendance of students

86 %

2.11 Course/Programme wise distribution of pass percentage:

UG Programmes

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.E-CSE	107	0	61.7	15	0	76.63
B.E-CIVIL	Not Applicable					
B.E-ECE	122	0.82	74.6	2.5	0	77.80
B.E-EEE	97	0	55.7	11.3	0	67
B.Tech -IT	40	0	72.5	2.5	0	75
B.E -MECH	133	0	61.7	12.8	0	74.43

PG Programmes

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
M.E-CSE	9	11	88.9	0	0	100
M.E-CN	7	14.3	85.7	0	0	100
M.E -EST	5	0	77	0	0	77

ME-CIE	4	50	50	0	0	100
M.Tech -IT	8	0	100	0	0	100
M.E- ME	2	0	100	0	0	100
MBA	25	4	20	76	0	100
MCA	43	9.3	88.4	0	0	97

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

- IQAC Monitor Evaluate the Teaching & Learning processes through periodical Internal Quality Audit and feedback from stakeholders.
- Collects course files randomly and assess the process followed and the attainment of Course Outcomes.
- Creates policies and procedures to enhance the teaching and learning.
- Conducts workshops on the teaching-learning process.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	2
UGC – Faculty Improvement Programme	NIL
HRD programmes	3
Orientation programmes	31
Faculty exchange programme	NIL
Staff training conducted by the university	NIL
Staff training conducted by other institutions	10
Summer / Winter schools, Workshops, etc.	100
Others (FDP)	131

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	18	NIL	1	NIL
Technical Staff	22	NIL	1	NIL

## Criterion – III

### 3. Research, Consultancy and Extension

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

Institute is taking all possible steps to build an ecosystem of promoting research and consultancy activities in campus. It encourages faculties to undertake research work in all possible ways.

#### 3.2 Details regarding major projects

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

#### 3.3 Details regarding minor projects

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

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	20	13	
Non-Peer Review Journals	160	03	
e-Journals	01		
Conference proceedings	24	08	

#### 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	One year	Samco metals & alloys pvt ltd	Rs,50000.00	Rs,22000.00
Projects sponsored by the University/ College				

Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total				

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy

3.11 No. of conferences

Organized by the Institution

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

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	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

Nil

Nil

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

Nil

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

JRF Nil SRF Nil Project Fellows Nil Any other Nil

3.21 No. of students Participated in NSS events:

University level 04 State level 08  
National level Nil International level Nil

3.22 No. of students participated in NCC events:

University level Nil State level Nil  
National level Nil International level Nil

3.23 No. of Awards won in NSS:

University level Nil State level Nil  
National level Nil International level Nil

3.24 No. of Awards won in NCC:

University level Nil State level Nil  
National level Nil International level Nil

3.25 No. of Extension activities organized

University forum 01 College forum 01  
NCC Nil NSS 02 Any other 07



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

- Computer literacy program at rural schools
- NSS & YRC of our college organized a "Blood Donation Camp" at our campus in association with PHC, Kaniyambadi and Govt. Medical College, Adukkamparai on 03.03.16. In which 100 units of blood were collected.
- "National Voters Day" was celebrated on 24.01.16 in our campus organized by NSS.
- Two Volunteers of NSS were attended awareness workshop at Perundurai on March'16.
- National Youth Day was celebrated at our campus on 12.1.16.
- Two Volunteers of YRC were attended a One day awareness programme on YRC at DKM COLLEGE, VELLORE on Aug'16.
- "ROTARACT CLUB of GTEC" celebrated "HEALTHY INDIA", an awareness programme to avoid junk food, on July 15th 2015.
- The Rotaract Club of GTEC visited Naganadhi, a Village in Vellore district, on July 25th 2015, to create awareness among the villagers about clean India, Tuberculosis free India and sanitation installation.
- Awareness Programme on "Diverse Learning Needs" was held on 19.01.16 for the benefit of faculty & students on how to come out of Anxiety and how to manage / control the stress.

## 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	21.66acres	-	GTEC	21.66 acres
Class rooms	63	-	GTEC	63
Laboratories	40	-	GTEC	40
Seminar Halls	1	-	GTEC	1
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	-	4	GTEC	4
Value of the equipment purchased during the year (Rs. in Lakhs)	-	Rs. 16,49,933	GTEC	Rs. 16,49,933
Others	-	-	-	-

#### 4.2 Computerization of administration and library

Library: The Library is fully computerized using Autolib software and the activities are carried out.

- Accession of Books, Periodicals, Back Volumes, Project Reports, CDs and DVDs
- Members Entry, Book Issue, Return process are automated and bar codes used.
- OPAC facility for bibliographical search of books and All Reading materials in the library through Intranet in the campus.
- Attendance of users in the library is maintained through Biometric automation systems.

#### Administration

- Biometric attendance for all faculties and staff.
- e-circular.
- e-indent forms.
- Cafeteria computer billing.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	25824	Rs. 83,50,946	239	Rs.75,764	26063	Rs. 84,26,710
Reference Books	2545	Rs. 11,98,743	20	Rs.11,677	2565	Rs. 12,10,420
e-Books	17	Rs. 7,973	-	-	17	Rs. 7,973
Journals	64	Rs. 1,69,310	24	Rs.39,016	88	Rs. 2,08,326
e-Journals	1461	Rs. 5,66,665	396	Rs.69,975	1857	Rs. 6,36,640
Digital Database	NPTEL	Rs.17,800	-	-	NPTEL	Rs.17,800
CD & Video	2697	-	128	-	2825	-
Others (specify)	-	-	-	-	-	-

#### 4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	893	20	264	02	02	11	35	-
Added	NIL	NIL	NIL	NIL	NIL	NIL	NIL	-
Total	893	20	264	02	02	11	35	-

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

- IIRS Outreach Programme- ISRO training to teachers and students.
- CISCO networking academy for students.
- Virtual Labs training to teachers and students.
- MatLAB- Simulink training for students.
- Hands on Training Programme on LABVIEW for students.
- Hands on training on Finite analysis using ANSYS for students.
- Hands on training for students on sheet metal designing using PRO-E.

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

i) ICT

Rs. 13,08,281

ii) Campus Infrastructure and facilities

Rs. 1,19,45,280

iii) Equipments

Rs. 26,84,634

iv) Others

NIL

Total:

Rs. 1,59,38,195

## Criterion – V

### 5. Student Support and Progression

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

Website Updates, E-Saraswathi/Intranet, Counseling, E-mail SMS Services, Google apps, Stress Management by psychiatrist.

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

Institution has Centralized Exam cell in association with department Exam cells to monitor the progression through internal assessments; First hour test, periodic tests; Midterm tests, Model exams. In addition to that Re-tests, Re-models and Coaching classes for slow learners are being regularly conducted. Slow learners are identified in progress report and counseling report. Institution has well structured Counseling Hierarchy from Professional Psychiatrists, Principal, and HODs & Counselors to help the improvement in student's progression.

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

UG	PG	Ph. D.	Others
1312	188	Nil	Nil

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

6

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

Nil

Men	No	%
	946	63

Women	No	%
	554	37

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
Nil	202		715	Nil	917	92	184	1	1219	Nil	1500

Demand ratio% Nil      Dropout % 0.26

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

College provides coaching for competitive examinations by collaborating with SIRPI academic training organized by Placement cell.

#### No. of students beneficiaries

120

5.5 No. of students qualified in these examinations

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

5.6 Details of student counseling and career guidance

Student Counseling: Chief Mentor plays a major role to watch mentors; Mentors play a major role in monitoring, guiding and counseling students throughout their course of study.

Career Guidance: HR Meets, Guest Lectures, talks by Career Counselors and eminent entrepreneurs, creates awareness on market demands and expectations. Students eagerly involve themselves in the value added courses offered by the institution. SIRPI Academy is collaborated to train the students in getting placement. Through VIT Consortium students are getting trained by Experts. Placement hours are scheduled and conducted regularly by GTEC placement cell.

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
4	229	55	34

5.8 Details of gender sensitization programmes

Women Welfare committee, Cellnet programme by “Aval Vikatan”, Women’s day celebration, Stress management for girl students and women faculties.

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	70	Rs. 8,05,000
Financial support from government	1349	Rs. 2,56,44,105
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

5.11 Student organized / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

- Blood Donation Camp
- Free Eye Camp
- Visiting Oldage / orphanage home
- Tree plantation program
- NSS Unit conducts 10 days Camp in the adapted village
- Women's day celebration
- Yoga classes are being conducted for the students mental strength.
- Women's rights programs are conducted.
- Social services through IETE, IEEE

5.13 Major grievances of students (if any) redressed:

- Mess menu changed based on student request.
- Milk Boiler changed based on student request.

## Criterion – VI

### **6. Governance, Leadership and Management**

#### 6.1 State the Vision and Mission of the institution

##### **VISION OF THE INSTITUTE**

To be a premier Institution of choice in the region and become one of the leading educational Institutions in the country widely recognized for providing high quality, transformative and affordable value based education in the field of Engineering and Technology.

##### **MISSION OF THE INSTITUTE**

We are committed to excellence in technical education that is strongly anchored on a system of superior and ethical values and dedication to our long term objective of becoming the premier institution in the field, constantly responsive to the needs of the times and directed to serve the nation and the world.

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

Yes, Institution has its own Management Information System to manage general administration, examination, student attendance and continuous evaluation marks.

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

##### 6.3.1 Curriculum Development

- Since the College is affiliated to Anna University it abides to the changes in curriculum as prescribed by the university.

##### 6.3.2 Teaching and Learning

- Separate academic setup to ensure better Teaching and Learning based on the Course Outcomes
- Faculty Members are deputed to various FDP and workshop at various institutions and universities to learn about latest innovations and modern teaching pedagogy to transform classroom instruction into practical reality.
- The following facilities are available in the institution to ensure better Teaching & Learning
  1. Interactive Board in all Departments
  2. Coaching Classes for Communicative Skills
  3. EDUSAT / NPTEL Online Courses
  4. Field Trips and Lab Visits for Hands On experience
  5. Smart Classrooms, Virtual Lab
  6. AVIEW
  7. E-Saraswathi

### 6.3.3 Examination and Evaluation

- Since the College is affiliated to Anna University so it follows the strategy for the conduction of the examination and evaluation as per the guidance of the university.

### 6.3.4 Research and Development

- 4 Faculty with Doctorate and 22 Faculty are pursuing their Research
- The Faculty Published 184 articles in International and 1 article in National peer reviewed journals.
- Design and Development of Automatic Mould Heating System worth of Rs 50,000/- is funded by Samco.

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

- 239 Textbooks, 20 Reference Books, 24 Journals are added
- Wi-Fi facility was provided
- Uninterrupted Power Supply Units were added
- New Lab equipment and software were procured for labs in different departments.
- Well furnished Hostel facility with attached bathroom & Hygienic Mess Facilities.

### 6.3.6 Human Resource Management

- Faculty Members are motivated to acquire additional qualifications.
- Encourage to present and publish papers in International & National Forums.
- Development programs for faculty are planned and conducted by IQAC.
- Staff Members are encouraged to do certified courses, Diploma and UG courses.

### 6.3.7 Faculty and Staff Recruitment

- The College has a policy of recruiting members with PG /PhD for faculty positions.
- Faculty recruitment is done based on the positions to be filled.
- Recognition through awards for outstanding performance.
- Measures taken by college for attracting and retaining eminent faculty members.
- FDP, Workshops and Seminars
- Training and Induction Program for Non-Teaching Staff.
- Orientation program for new recruits.

### 6.3.8 Industry Interaction / Collaboration

- MoU with various industries to impart knowledge to students.
- Guest Lectures for faculty and students with industrial experts.
- Industrial visits arranged for students and faculty.
- Every semester students are undergoing In-plant Training in Industries.
- Faculty Members have undergone internship programmes in various Industries.



### 6.3.9 Admission of Students

- GTEC follows an admission policy generated by State Government through Tamil Nadu Engineering Admissions (TNEA).
- For the Under Graduate Programs (B.E& B.TECH),65% of the seats are reserved and filled as per the Tamil Nadu Govt. norms, through single window counseling by the affiliating University while the remaining 35% of the seats are filled, as per the norms of Consortium of Self Financing Arts and Professional Colleges, Tamil Nadu.

### 6.4 Welfare schemes for

Teaching	Rs. 660,356/-
Non teaching	Rs. 1,612,562/-
Students	Rs. 4,136,568/-

### 6.5 Total corpus fund generated

Rs. 1,31,44,374/-

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	Anna University and ISO	Yes	Internal Auditor
Administrative	Yes	ISO	Yes	Internal Auditor

### 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?

Nil

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

Nil

### 6.11 Activities and support from the Alumni Association

- Alumni meeting is being conducted every year.
- Guest Lectures, Seminars and Workshops are conducted by Alumni.

#### 6.12 Activities and support from the Parent – Teacher Association

- Department-wise Parents meeting is conducted at least once in each semester.
- This meeting is to identify /discuss the strength and weakness related to students.
- We get valuable feedback from the parents to improve the quality of the Institution.

#### 6.13 Development programmes for support staff

- Various technical programmes are arranged for supporting staff every year.
- General trainings such as handling of fire fighting equipment, Computer literacy and first aid awareness.

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

- Many Saplings are planted through ROTARACT club
- Solar Energy
- Waste Segregation
- Reduction in office paper consumption
- Rain Water harvesting
- Sewage Treatment Plant etc.

## 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.

- Merit scholarships, fee concessions were given for economically weaker students.
- Counselling services are offered to students and their parents.
- NITTR faculty development program on “instructional design and delivery systems” was conducted in the college to enhance the quality of teaching methodology and techniques.
- Academic audit was carried out as per the guidelines of IQAC at our college to develop the feature of the education.

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

- Most of our faculty members have participated in different conferences, seminars and FDP’s to modernize their knowledge.
- Faculty members and students have published papers in reputed journals.
- Conducted entrepreneurship development program in the view of nurturing the student’s innovative ideas to implement in their future career.
- Separate boy’s hostel with Wi-Fi facility was made in the college.
- Special coaching classes were conducted to help the slow learners.re

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

#### Mentorship:

The college is practicing of 15 students per mentor in each department to counsel throughout their study. The mentor is monitoring the progress of students in every department and the same is being updated to their parents periodically. The importance of mentoring system is to help and concentrate on student’s attitude, behaviour and psychological related problems. Many other supporting activities like lecture, tutorials and practical classes have been introduced. Extra coaching classes were arranged by the mentors with relevant subject’s teachers to make the students for their better understanding in the difficult areas. At the outset students are equipped to attend their university exams to secure more marks.

Effective Teaching & Learning by lesson Plan:

The College has the practice of preparing the lesson plan by all faculty before the commencement of every semester for each subject as per the curriculum designed by University.

For the effective classroom teaching to all the subjects, tools like Chalk and talk, NPTEL Videos, Power point presentation and Assignments have been incorporated in the lesson plan. Besides that facility Industrial Visit, Subject related videos and Guest Lecture are also being provided.

7.4 Contribution to environmental awareness / protection

- In order to create environmental awareness among the students, many events were organized in the college.
- College is keen in disposing the waste material in a systematic manner.
- Rain water harvest has been implemented in the college to maintain the ground water level in the campus.
- Saplings and tree plantation is also the continuous activity in the college.
- College has a motto to maintain the environment litter free and plastic free 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)

- Various committees have been formed in the college through IQAC to provide better academic environment for the students who come from the rural areas.
- As part of this, each committee takes care of the need of the students and fulfils it. This has been monitored by IQAC.
- To improve the quality of academic, we have introduced an effective Teaching and Learning Process through lesson plan method.

## 8. Plans of institution for next year

- To take efforts to adapt effective and innovative teaching methods
- To collaborate with industry and institutions of repute
- To develop mechanism for coaching the students for competitive exams
- To depute each faculty members for FDP and Workshops at various Institutions / Universities.
- To strengthen the Training and Placement activities
- To widen the Network and common computing facilities
- To boost the sports, cultural activities and extension activities

Name Mrs. B. THENRAL



*Signature of the Coordinator, IQAC*

Name Dr. M. BARATHI



*Signature of the Chairperson, IQAC*

**Annexure-I**  
**Academic Calendar**  
**(2015-16)**

<b>Date</b>	<b>Day</b>	<b>July Month - Activity</b>
1-Jul-15	Wednesday	
2-Jul-15	Thursday	College Reopens
3-Jul-15	Friday	
4-Jul-15	<b>Saturday</b>	
5-Jul-15	<b>Sunday</b>	<b>Holiday</b>
6-Jul-15	Monday	
7-Jul-15	Tuesday	
8-Jul-15	Wednesday	
9-Jul-15	Thursday	
10-Jul-15	Friday	
11-Jul-15	<b>Saturday</b>	
12-Jul-15	<b>Sunday</b>	<b>Holiday</b>
13-Jul-15	Monday	
14-Jul-15	Tuesday	
15-Jul-15	Wednesday	
16-Jul-15	Thursday	
17-Jul-15	Friday	<b>Ramzan</b>
18-Jul-15	Saturday	
19-Jul-15	<b>Sunday</b>	<b>Holiday</b>
20-Jul-15	Monday	
21-Jul-15	Tuesday	
22-Jul-15	Wednesday	
23-Jul-15	Thursday	
24-Jul-15	Friday	
25-Jul-15	<b>Saturday</b>	
26-Jul-15	<b>Sunday</b>	<b>Holiday</b>
27-Jul-15	Monday	
28-Jul-15	Tuesday	
29-Jul-15	Wednesday	
30-Jul-15	Thursday	
31-Jul-15	Friday	
<b>Date</b>	<b>Day</b>	<b>August Month - Activity</b>
1-Aug-15	Saturday	
2-Aug-15	Sunday	Holiday
3-Aug-15	Monday	
4-Aug-15	Tuesday	
5-Aug-15	Wednesday	
6-Aug-15	Thursday	
7-Aug-15	Friday	

8-Aug-15	Saturday	SYMPOSIUM-MECH
9-Aug-15	Sunday	Holiday
10-Aug-15	Monday	GUEST LECTURE - ECE
11-Aug-15	Tuesday	
12-Aug-15	Wednesday	
13-Aug-15	Thursday	NSS Regular Activity
14-Aug-15	Friday	Civil ICI Students chapter /Anti-Ragging Committee Meeting
15-Aug-15	Saturday	INDEPENDENCE DAY
16-Aug-15	Sunday	Holiday
17-Aug-15	Monday	GUEST LECTURE - ECE
18-Aug-15	Tuesday	
19-Aug-15	Wednesday	
20-Aug-15	Thursday	
21-Aug-15	Friday	Internal Assessment Test-I
22-Aug-15	Saturday	Internal Assessment Test-I
23-Aug-15	Sunday	Holiday
24-Aug-15	Monday	Internal Assessment Test-I
25-Aug-15	Tuesday	Internal Assessment Test-I/ Internal Assessment Test-I (P.G First Sem)
26-Aug-15	Wednesday	Internal Assessment Test-I/ Internal Assessment Test-I (P.G First Sem)
27-Aug-15	Thursday	Internal Assessment Test-I / Internal Assessment Test-I (P.G First Sem)
28-Aug-15	Friday	Internal Assessment Test-I (P.G First Sem)
29-Aug-15	Saturday	Civil National Level Work Shop
30-Aug-15	Sunday	Holiday
31-Aug-15	Monday	Internal Assessment Test-I (P.G First Sem)
Date	Day	September Month - Activity
1-Sep-15	Tuesday	Internal Assessment Test-I (P.G First Sem)
2-Sep-15	Wednesday	
3-Sep-15	Thursday	
4-Sep-15	Friday	
5-Sep-15	Saturday	Krishna Jayanthi
6-Sep-15	Sunday	HOLIDAY
7-Sep-15	Monday	
8-Sep-15	Tuesday	
9-Sep-15	Wednesday	
10-Sep-15	Thursday	GUEST LECTURE - MECH
11-Sep-15	Friday	pajushan parv - Holiday
12-Sep-15	Saturday	SYMPOSIUM - IT
13-Sep-15	Sunday	HOLIDAY
14-Sep-15	Monday	
15-Sep-15	Tuesday	Civil Engineerings day
16-Sep-15	Wednesday	Civil Awareness Program
17-Sep-15	Thursday	Vinayakar Chaturthi
18-Sep-15	Friday	pajushan parv - Holiday

19-Sep-15	Saturday	Internal Assessment Test-II
20-Sep-15	Sunday	HOLIDAY
21-Sep-15	Monday	Internal Assessment Test-II
22-Sep-15	Tuesday	Internal Assessment Test-II
23-Sep-15	Wednesday	Internal Assessment Test-II
24-Sep-15	Thursday	Bakrid
25-Sep-15	Friday	Internal Assessment Test-II / Internal Assessment Test-II (P.G First Sem)
26-Sep-15	Saturday	SYMPOSIUM - ECE /Seminar on Advanced Programming Language - IT / Internal Assessment Test-II (P.G First Sem)
27-Sep-15	Sunday	HOLIDAY
28-Sep-15	Monday	Internal Assessment Test-II (P.G First Sem)
29-Sep-15	Tuesday	Internal Assessment Test-II (P.G First Sem)
30-Sep-15	Wednesday	Internal Assessment Test-II (P.G First Sem)
Date	Day	October Month - Activity
1-Oct-15	Thursday	Internal Assessment Test-II (P.G First Sem)
2-Oct-15	Friday	GANDHI JAYANTHI
3-Oct-15	Saturday	FDP on Mobile Communication - IT
4-Oct-15	Sunday	HOLIDAY
5-Oct-15	Monday	
6-Oct-15	Tuesday	
7-Oct-15	Wednesday	
8-Oct-15	Thursday	
9-Oct-15	Friday	Internal Assessment Test-III / Internal Assessment Test-III (PG First Sem)
10-Oct-15	Saturday	Internal Assessment Test-III / Internal Assessment Test-III (PG First Sem)
11-Oct-15	Sunday	HOLIDAY
12-Oct-15	Monday	Internal Assessment Test-III / Internal Assessment Test-III (PG First Sem)
13-Oct-15	Tuesday	Internal Assessment Test-III / Internal Assessment Test-III (PG First Sem)
14-Oct-15	Wednesday	Internal Assessment Test-III / Internal Assessment Test-III (PG First Sem)
15-Oct-15	Thursday	Internal Assessment Test-III / Internal Assessment Test-III (PG First Sem)
16-Oct-15	Friday	Anti-Ragging Committee Meeting
17-Oct-15	Saturday	GUEST LECTURE - S & H
18-Oct-15	Sunday	HOLIDAY
19-Oct-15	Monday	
20-Oct-15	Tuesday	NSS Regular Activity
21-Oct-15	Wednesday	AYUTHA POOJA
22-Oct-15	Thursday	VIJAYA DHASAMI
23-Oct-15	Friday	MOHARAM
24-Oct-15	Saturday	Workshop on Data Mining Tool - IT
25-Oct-15	Sunday	HOLIDAY
26-Oct-15	Monday	
27-Oct-15	Tuesday	



28-Oct-15	Wednesday	
29-Oct-15	Thursday	
30-Oct-15	Friday	
31-Oct-15	Saturday	
Date	Day	November Month - Activity
1-Nov-15	Sunday	HOLIDAY
2-Nov-15	Monday	WORKSHOP - ECE
3-Nov-15	Tuesday	WORKSHOP - ECE
4-Nov-15	Wednesday	WORKSHOP - ECE
5-Nov-15	Thursday	
6-Nov-15	Friday	
7-Nov-15	Saturday	
8-Nov-15	Sunday	HOLIDAY
9-Nov-15	Monday	
10-Nov-15	Tuesday	Diwali
11-Nov-15	Wednesday	
12-Nov-15	Thursday	
13-Nov-15	Friday	Anti-Ragging Committee Meeting
14-Nov-15	Saturday	GUEST LECTURE - S & H / FDP on Software Engineering Lab
15-Nov-15	Sunday	HOLIDAY
16-Nov-15	Monday	
17-Nov-15	Tuesday	
18-Nov-15	Wednesday	
19-Nov-15	Thursday	
20-Nov-15	Friday	
21-Nov-15	Saturday	
22-Nov-15	Sunday	HOLIDAY
23-Nov-15	Monday	
24-Nov-15	Tuesday	
25-Nov-15	Wednesday	
26-Nov-15	Thursday	
27-Nov-15	Friday	NSS Regular Activity
28-Nov-15	Saturday	
29-Nov-15	Sunday	HOLIDAY
30-Nov-15	Monday	
Date	Day	December Month - Activity
1-Dec-15	Tuesday	
2-Dec-15	Wednesday	World AIDS Day - Aware Programme - YRC
3-Dec-15	Thursday	Anti-Ragging Committee Meeting
4-Dec-15	Friday	NSS Regular Activity
5-Dec-15	Saturday	
6-Dec-15	Sunday	HOLIDAY
7-Dec-15	Monday	
8-Dec-15	Tuesday	
9-Dec-15	Wednesday	

10-Dec-15	Thursday	
11-Dec-15	Friday	
12-Dec-15	Saturday	
13-Dec-15	Sunday	HOLIDAY
14-Dec-15	Monday	
15-Dec-15	Tuesday	
16-Dec-15	Wednesday	
17-Dec-15	Thursday	Anti-Ragging Committee Meeting
18-Dec-15	Friday	Guest Lecture
19-Dec-15	Saturday	
20-Dec-15	Sunday	HOLIDAY
21-Dec-15	Monday	
22-Dec-15	Tuesday	
23-Dec-15	Wednesday	MILAD-UN-NABI
24-Dec-15	Thursday	
25-Dec-15	Friday	CHRISTMAS
26-Dec-15	Saturday	
27-Dec-15	Sunday	HOLIDAY
28-Dec-15	Monday	
29-Dec-15	Tuesday	
30-Dec-15	Wednesday	NSS Regular Activity
31-Dec-15	Thursday	
Date	Day	January Month - Activity
1-Jan-16	Friday	NEW YEAR
2-Jan-16	Saturday	
3-Jan-16	Sunday	HOLIDAY
4-Jan-16	Monday	College reopen
5-Jan-16	Tuesday	
6-Jan-16	Wednesday	NSS Regular Activity
7-Jan-16	Thursday	
8-Jan-16	Friday	
9-Jan-16	Saturday	
10-Jan-16	Sunday	HOLIDAY
11-Jan-16	Monday	
12-Jan-16	Tuesday	
13-Jan-16	Wednesday	BHOGI
14-Jan-16	Thursday	PONGAL
15-Jan-16	Friday	UZHAVAR THIRUNAL
16-Jan-16	Saturday	KAANUM PONGAL
17-Jan-16	Sunday	HOLIDAY - Youth Day ( Birthday of Vivekanandha
18-Jan-16	Monday	
19-Jan-16	Tuesday	
20-Jan-16	Wednesday	
21-Jan-16	Thursday	
22-Jan-16	Friday	


23-Jan-16	Saturday	Guest Lecture on Artificial Intelligence - IT
24-Jan-16	Sunday	HOLIDAY
25-Jan-16	Monday	
26-Jan-16	Tuesday	REPUBLIC DAY
27-Jan-16	Wednesday	
28-Jan-16	Thursday	Nethaji's Birthday
29-Jan-16	Friday	
30-Jan-16	Saturday	
31-Jan-16	Sunday	
Date	Day	February Month - Activity
1-Feb-16	Monday	Internal Assessment Test-I
2-Feb-16	Tuesday	Internal Assessment Test-I
3-Feb-16	Wednesday	Internal Assessment Test-I
4-Feb-16	Thursday	Internal Assessment Test-I
5-Feb-16	Friday	Internal Assessment Test-I
6-Feb-16	Saturday	SYMPOSIUM- CSE
7-Feb-16	Sunday	HOLIDAY
8-Feb-16	Monday	Internal Assessment Test-I
9-Feb-16	Tuesday	
10-Feb-16	Wednesday	GUEST LECTURE - ECE
11-Feb-16	Thursday	
12-Feb-16	Friday	
13-Feb-16	Saturday	SYMPOSIUM- CIVIL
14-Feb-16	Sunday	HOLIDAY
15-Feb-16	Monday	
16-Feb-16	Tuesday	
17-Feb-16	Wednesday	MAHA SHIVRATI / GUEST LECTURE - ECE
18-Feb-16	Thursday	Governing Council Meeting
19-Feb-16	Friday	
20-Feb-16	Saturday	SYMPOSIUM- S& H
21-Feb-16	Sunday	HOLIDAY
22-Feb-16	Monday	
23-Feb-16	Tuesday	
24-Feb-16	Wednesday	
25-Feb-16	Thursday	NSS Regular Activity
26-Feb-16	Friday	
27-Feb-16	Saturday	
28-Feb-16	Sunday	HOLIDAY
Date	Day	March Month - Activity
1-Mar-16	Monday	
2-Mar-16	Tuesday	
3-Mar-16	Wednesday	Anti-Ragging Committee Meeting
4-Mar-16	Thursday	Internal Assessment Test-II
5-Mar-16	Friday	Internal Assessment Test-II
6-Mar-16	Saturday	

7-Mar-16	Sunday	HOLIDAY
8-Mar-16	Monday	Internal Assessment Test-II
9-Mar-16	Tuesday	Internal Assessment Test-II
10-Mar-16	Wednesday	Internal Assessment Test-II
11-Mar-16	Thursday	Internal Assessment Test-II
12-Mar-16	Friday	
13-Mar-16	Saturday	
14-Mar-16	Sunday	HOLIDAY
15-Mar-16	Monday	
16-Mar-16	Tuesday	Anti-Ragging Committee Meeting
17-Mar-16	Wednesday	NSS Regular Activity / GUEST LECTURE - ECE
18-Mar-16	Thursday	
19-Mar-16	Friday	Civil Engineering Association (CEA) Annual Meet
20-Mar-16	Saturday	SEMINAR - ECE
21-Mar-16	Sunday	HOLIDAY
22-Mar-16	Monday	
23-Mar-16	Tuesday	
24-Mar-16	Wednesday	NSS Regular Activity
25-Mar-16	Thursday	
26-Mar-16	Friday	
27-Mar-16	Saturday	
28-Mar-16	Sunday	HOLIDAY
29-Mar-16	Monday	
30-Mar-16	Tuesday	
31-Mar-16	Wednesday	
Date	Day	April Month - Activity
1-Apr-16	Thursday	
2-Apr-16	Friday	Guest Lecture on GRID & Cloud computing - IT
3-Apr-16	Saturday	
4-Apr-16	Sunday	HOLIDAY
5-Apr-16	Monday	Internal Assessment Test-III
6-Apr-16	Tuesday	Internal Assessment Test-III
7-Apr-16	Wednesday	Internal Assessment Test-III
8-Apr-16	Thursday	Internal Assessment Test-III
9-Apr-16	Friday	Internal Assessment Test-III
10-Apr-16	Saturday	
11-Apr-16	Sunday	HOLIDAY
12-Apr-16	Monday	Internal Assessment Test-III
13-Apr-16	Tuesday	GUEST LECTURE - ECE
14-Apr-16	Wednesday	TAMIL NEW YEAR
15-Apr-16	Thursday	Dr.B.R.AMBEDHKAR JAYANTHI
16-Apr-16	Friday	NSS Regular Activity
17-Apr-16	Saturday	SEMINAR - ECE
18-Apr-16	Sunday	HOLIDAY

19-Apr-16	Monday	Anti-Ragging Committee Meeting
20-Apr-16	Tuesday	
21-Apr-16	Wednesday	
22-Apr-16	Thursday	
23-Apr-16	Friday	NSS Regular Activity
24-Apr-16	Saturday	
25-Apr-16	Sunday	HOLIDAY
26-Apr-16	Monday	
27-Apr-16	Tuesday	
28-Apr-16	Wednesday	
29-Apr-16	Thursday	
30-Apr-16	Friday	
Date	Day	May Month - Activity
1-May-16	Saturday	HOLIDAY - MAY DAY
2-May-16	Sunday	HOLIDAY
3-May-16	Monday	
4-May-16	Tuesday	NSS Regular Activity
5-May-16	Wednesday	Anti-Ragging Committee Meeting
6-May-16	Thursday	
7-May-16	Friday	
8-May-16	Saturday	
9-May-16	Sunday	HOLIDAY
10-May-16	Monday	
11-May-16	Tuesday	
12-May-16	Wednesday	
13-May-16	Thursday	
14-May-16	Friday	
15-May-16	Saturday	
16-May-16	Sunday	HOLIDAY
17-May-16	Monday	
18-May-16	Tuesday	
19-May-16	Wednesday	
20-May-16	Thursday	
21-May-16	Friday	
22-May-16	Saturday	
23-May-16	Sunday	HOLIDAY
24-May-16	Monday	
25-May-16	Tuesday	
26-May-16	Wednesday	
27-May-16	Thursday	
28-May-16	Friday	
29-May-16	Saturday	
30-May-16	Sunday	HOLIDAY
31-May-16	Monday	
Date	Day	June Month - Activity
1-Jun-16	Wednesday	

2-Jun-16	Thursday	
3-Jun-16	Friday	
4-Jun-16	Saturday	
5-Jun-16	Sunday	HOLIDAY- WORLD ENVIRONMENT DAY
6-Jun-16	Monday	
7-Jun-16	Tuesday	
8-Jun-16	Wednesday	
9-Jun-16	Thursday	
10-Jun-16	Friday	
11-Jun-16	Saturday	
12-Jun-16	Sunday	HOLIDAY
13-Jun-16	Monday	
14-Jun-16	Tuesday	
15-Jun-16	Wednesday	
16-Jun-16	Thursday	
17-Jun-16	Friday	
18-Jun-16	Saturday	
19-Jun-16	Sunday	HOLIDAY
20-Jun-16	Monday	
21-Jun-16	Tuesday	
22-Jun-16	Wednesday	
23-Jun-16	Thursday	
24-Jun-16	Friday	
25-Jun-16	Saturday	
26-Jun-16	Sunday	HOLIDAY
27-Jun-16	Monday	
28-Jun-16	Tuesday	
29-Jun-16	Wednesday	
30-Jun-16	Thursday	

## ANNEXURE -II

	<b>GANADIPATHY TULSI'S JAIN ENGINEERING COLLEGE</b> Chittoor – Cuddalore Road, Kaniyambadi (Post), Vellore – 632102.	<b>Form No:</b>  <b>GTEC/ACADEMICS/</b>  <b>Rev: 0</b>
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### ANALYSIS OF EXIT STUDENTS FEEDBACK QUESTIONNAIRE Consolidated data of 610 Samples (2015-16 batch)

[Note: The value entered inside the boxes indicates the percentage of students who have opted the corresponding choice]

FUTURE PLANS	Count and Percentage of students opted
I intend to work in the government sector.	310 (51%)
I intend to work in the private sector	102 (17%)
I intend to do other things	198 (32%)

#### 1. PEOs and its Achievement Assessment

As a Graduate of the discipline of Engineering, the count of PEO(s) that have been achieved

	4 (Fully Achieved)	3 (75% Achieved)	2 (50% Achieved)	1 (25% Achieved)
<b>PEO I</b>	66%	32%	02%	0%
<b>PEO II</b>	31%	67%	01%	01%
<b>PEO III</b>	06%	31%	61%	02%
<b>PEO IV</b>	04%	32%	63%	01%



**GANADIPATHY TULSI'S JAIN ENGINEERING COLLEGE**

Chittoor – Cuddalore Road, Kaniyambadi (Post),

Vellore – 632102.

**Form No:**

**GTEC/ACADEMICS/**


**Rev: 0**

**2. Assessment of Outcomes - Abilities, Skills and Attributes Acquired**

<i>Skills, abilities, and attributes</i>	<i>Level</i>			
	<i>Very well prepared (4)</i>	<i>Well prepared (3)</i>	<i>Prepared (2)</i>	<i>Somewhat prepared (1)</i>
Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.	17%	65%	17%	1%
Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	24%	58%	15%	3%
Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.	16%	67%	15%	2%
Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid	10%	15%	72%	3%
Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities, with an understanding of the	17%	71%	11%	1%
The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	82%	15%	1%	2%
Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	82%	14%	1%	3%
Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	83%	15%	1%	1%
Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	58%	34%	5%	3%
Communication: Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	24%	57%	15%	4%
Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	37%	41%	19%	3%



Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest.	71%	16%	2%	11%
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### 3. Assessment of the Learning Environment

#### Level of satisfaction

	<i>Extremely satisfied</i>	<i>Very satisfied</i>	<i>Satisfied</i>	<i>Somewhat satisfied</i>	<i>Not satisfied</i>	<i>Can't evaluate</i>
<b>A. Quality of instruction and support for learning provided by the faculty members in:</b>						
- Sciences (Mathematics, Physics, Chemistry)	4%	24%	72%	0%	0	0
- Computers (Programming and usage of software packages)	9%	82%	8%	1%	0	0
- Humanities and Social sciences	3%	12%	85%	0%	0	0
- General Engineering,	4%	19%	75%	2%	0	0
- Engineering within major	13%	33%	54%	0%	0	0
<b>B. Quality of instruction &amp; support for learning given by technical &amp; supporting staff within major.</b>						
	74%	18%	7%	1%	0	0
<b>C. Quality of advise by the faculty with respect to:</b>						
- Academic planning	26%	68%	2%	2%	2%	0
- Career planning	17%	21%	37%	20%	4%	1%
<b>D. Equality of treatment by:</b>						
- Principal ,HOD, Faculty and other	74%	18%	6%	2%	0	0
- Technical and supporting staff	12%	75%	4%	9%	0	0
- Fellow students	8%	88%	3%	1%	0	0
<b>E. Quality of the facilities:</b>						
- Classrooms	77%	8%	3%	12%	0	0
- Science laboratories	7%	89%	3%	1%	0	0
- Engineering Laboratories	5%	90%	4%	1%	0	0
- Computing facilities	80%	8%	10%	1%	1%	0
- Libraries	67%	27%	3%	3%	0	0



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4. Assessment of Support Services

	<i>Quality of services</i>						<i>Amount of interaction</i>		
	<i>Very good</i>	<i>Good</i>	<i>Adequate</i>	<i>Poor</i>	<i>Very poor</i>	<i>No opinion</i>	<i>Much</i>	<i>Some</i>	<i>Little or none</i>
<b>A. Academic Services:</b>									
Admissions/Registrar	7%	88%	3%	2%	0	0	10%	84%	6%
Training office	72%	13%	8%	7%	0	0	7%	89%	4%
Libraries	9%	90%	1%	0%	0	0	50%	40%	10%
Bookstores	8%	88%	3%	1%	0	0	8%	88%	4%
<b>B. Administrative Offices:</b>									
Students' affairs office in your department	85%	10%	1%	4%	0	0	70%	26%	4%
Administrative offices in the college	9%	86%	3%	1%	1%	0	68%	31%	1%
<b>C. Other Services:</b>									
Health services	89%	8%	2%	1%	0	0	75%	19%	6%
Food services	75%	19%	6%	0%	0	0	76%	2%	22%
Parking	88%	4%	8%	0%	0	0	88%	9%	3%
Recreation and athletics	26%	73%	1%	0%	0	0	75%	18%	7%

### ANNEXURE -III

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#### ANALYSIS OF ALUMNI STUDENTS FEEDBACK QUESTIONNAIRE

#### Consolidated data of 100 Samples

#### Alumni/Career Information

Gender/Ethnicity : Male  Female

Higher studies details : M.E/M.Tech  M.S  PhD

#### No. of students working in the following sector:

Networking	5	Production	10	Corporate	30	Design	3
Education	5	IT	10	Project	8	Banking	3
Developer	10	Govt. Sector	3	Entrepreneur	2	Others	11

Experience <2 yrs  2-4 yrs  5-6 yrs  >7 yrs

#### No. of students qualified in any certification or taken up any examinations with certified bodies:

Yes  No



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**SECTION I**

The four program educational objectives for graduates are expressively designed to allow evaluation and to relate to expected learning outcomes. A key method of evaluating an objective or outcome is input from you, our alumni. Please indicate your feedback of how well you think we did in meeting each of the four objectives, using the following scale:

- 4 = Met the objective very well
- 3 = Met the objective well
- 2 = Met the objective marginally
- 1 = Did not meet the objective well

The objectives are as follows:

PEOS	Level			
	4	3	2	1
<p><b><u>PEO1. Core Competence:</u></b></p> <p>To provide students with <b>Core Competence</b> in mathematics, science and basic engineering fundamentals necessary to solve complex engineering problems to excel in professional careers and/or also to pursue advanced study or research.</p>	52%	32%	12%	4%
<p><b><u>PEO2. Breadth:</u></b></p> <p>To train students with good <b>breadth</b> of knowledge in core areas of relevant and related engineering so as to comprehend engineering trade-offs, analyze, design, and synthesize data and technical concepts to create novel products and solutions for the real life problems.</p>	23%	14%	61%	2%
<p><b><u>PEO3. Professionalism:</u></b></p> <p>To inculcate students to maintain high <b>professionalism</b> and ethical attitudes, effective communication skills, to work as part of teams on multidisciplinary projects and diverse professional environments, and relate engineering issues to the society, global economy and to emerging technologies.</p>	13%	25%	58%	4%
<p><b><u>PEO4. Learning environment:</u></b></p> <p>To provide our students with <b>learning environment</b> awareness of the life-long learning needed for a successful professional career and to introduce them to written ethical codes and guidelines, perform excellence, leadership and demonstrate good citizenship</p>	02%	31%	65%	2%

**SECTION-II**

**PROGRAM OUTCOME :**

<i>PO's</i>	<b>Level</b>			
	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.	17%	63%	19%	1%
Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	24%	17%	59%	0%
Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.	11%	73%	16%	0%
Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	13%	15%	72%	0%
Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities, with an understanding of the limitations.	7%	81%	12%	0%
The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	82%	15%	3%	0%
Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	71%	25%	4%	0%
Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	25%	62%	13%	0%
Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	39%	41%	19%	1%
Communication: Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	21%	16%	59%	4%
Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	37%	41%	19%	3%
Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest	71%	16%	13%	0%



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**No of students who recommend the UG programme at GTEC to a relative/friend:**

Yes  May be  No

**Analysis of the strength of UG programme at GTEC:**

- 65 % of the students have stated that infrastructure, high technical standards provided and teaching Methodologies are very good in the college.
- 25% of the students have stated the Mentorship and cleanliness are best provided.
- 10 % of the students have mentioned that co-curricular activities are best,

**Analysis of the weakness of UG programme at GTEC:**

- 50 % of the students have stated that placement opportunities must be duly improved.
- 25% of the students expect additional co-curricular activities.
- 25 % of the students need more extra-curricular activities