



**GANADIPATHY TULSI'S JAIN ENGINEERING COLLEGE**

Vellore – 632 102

**THE ANNUAL QUALITY ASSURANCE REPORT (AQAR)  
OF THE IQAC  
FOR THE ACADEMIC YEAR 2016 - 17**



Submitted to

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**GANADIPATHY TULSI'S JAIN ENGINEERING COLLEGE**

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

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# The Annual Quality Assurance Report (AQAR)

## Part – A

AQAR for the year

2016-2017

### 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:

Dr. B. THENRAL

Mobile:

99423 71304

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/iqac.php

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 19-10-2016
- ii. AQAR 2016 - 17 submitted to NAAC on 18-11-2017

1.9 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(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 ( <i>Specify</i> )	-
UGC-COP Programmes	-		

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

2.1 No. of Teachers	<b>18</b>
2.2 No. of Administrative/Technical staff	<b>2</b>
2.3 No. of students	<b>4</b>
2.4 No. of Management representatives	<b>1</b>
2.5 No. of Alumni	<b>4</b>
2.6 No. of any other stakeholder and community representatives	<b>1</b>
2.7 No. of Employers/ Industrialists	<b>1</b>
2.8 No. of other External Experts	<b>1</b>
2.9 Total No. of members	<b>32</b>
2.10 No. of IQAC meetings held	<b>2</b>

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

**ISO Quality Training Programme**

2.14 Significant Activities and contributions made by IQAC

- Regular Interaction with class representatives and class coordinators of each and every department for maintaining and sustaining quality education as directed by IQAC.
- IQAC is constantly evaluating teaching learning process through feedbacks
- Strengthening the campus placements process to provide job opportunities for the students.
- Strengthen the Environmental Projects for Green Campus.
- Regular Academic Audit, Faculty development programmes for effective teaching learning process.

2.15 Plan of Action by IQAC/Outcome

Plan of actions	Achievements
To Organize Industrial Visit - All India Radio, Chennai	Organized Industrial Visit to All India Radio, Chennai on 05-08-2016.
To attend 18th IIRS Outreach Programme on 'Basics of Remote Sensing, GIS & GNSS'	18th IIRS Outreach Programme on 'Basics of Remote Sensing, GIS & GNSS' Started from August 22, 2016, 67 students from ECE department and technical assistants of ECE Department Participating the programme through A-View

To Organize Industrial Visit - National Atmospheric Research Laboratory (NARL)	Students went to industrial visit to National Atmospheric Research Laboratory (NARL), Dept. of Space Government of India, Gadanki, Andhra Pradesh on 26-08-2016.
To Organize Guest Lecture for signals and systems	Guest Lecture for signals and systems conducted on 27-08-2016.
To Organize STAP (Student Technology Awareness Programme)	STAP (Student Technology Awareness Programme) to Kings Matriculation School Katpadi and Cluny Matriculation School Katpadi on 31/08/2016 .
To Organize Guest Lecture on "DIGITAL COMMUNICATION - WITH SPECIAL REFERENCE TO OPTICAL FIBRE IN COMMUNICATION SECTOR"	Guest Lecture on "DIGITAL COMMUNICATION - WITH SPECIAL REFERENCE TO OPTICAL FIBRE IN COMMUNICATION SECTOR" conducted on 28.09.2016.
To conduct National Symposium "ec-genex16"	National Symposium titled "ec-genex16" – conducted on 24, September 2016
To organize AICTE sponsored "Television repair training course"	Organized the AICTE sponsored "Television repair training course" on 12.01.2017.
To Organize a technical talk contest on "Recent trends in Electronics and communication "	Organized a technical talk contest on "Recent trends in Electronics and communication " on 15-02-2017.
To organize " Women's Day"	Organized " Women's Day" on 08-03-2017
To organize guest lecture on electromagnetic fields	organized guest lecture on electromagnetic fields on 10-04-2017
Faculty Orientation Programme - on Soft Skills & Teaching Methodology to be conducted in the month of July	The Faculty Orientation Programme - on Soft Skills & Teaching Methodology was organized on 1st July 2016
Induction Programme for IT Department Students to be conducted in the month of July	The Induction Programme for IT Department Students was organized on 4th July 2016
Programming languages development(C & Java), Paper Presentation, Quiz & Spell Bee to be conducted on all working Saturdays from July month onwards	The Programming languages development programme had been started from 16th July (Saturday) onwards
Industrial Visit to Aadhityaa Infomedia Solutions, Chennai to be organized in the month September	Industrial Visit to Aadhityaa Infomedia Solutions, Chennai was arranged to all the students and faculty of Department in the month September on 1st.
Recrocyb 16 - National level Technical Symposium to be conducted in the month of September	Recrocyb 16 - National level Technical Symposium was organized on 10th Sep 2016.
"Installation of New Office Bearers" - Rotaract Club Installation to be conducted in the month of July	The Installation Programme of New Office Bearers for Rotaract Club was organized on 22rd July 2016.
National Science Day to be celebrated in the month of February	National Science Day was organized on 28th Feb 2017 by Rotaract

World TB to be organized in the month of March	The World TB was organized on 24th March 2017 by Rotaract
Eradication of Karuvelam Trees to be conducted in the month of March	Eradication of Karuvelam Trees was organized on 6th March 2017 by Rotaract
Plan to organize Industrial Visit- Precision Machine Tools-chennai	Organized Industrial Visit to Precision Machine Tools-chennai on 30-7-16
Plan to organize Industrial Visit- Mitusubishi Tools -Ranipet	Organize Industrial Visit to- Mitusubishi Tools - Ranipet on 11-8-16
Plan to organize Industrial Visit- Mitusubishi Tools -Ranipet	Organize Industrial Visit to- Mitusubishi Tools - Ranipet on 12-8-16
Plan to organize Industrial Visit- Chandru Machine Tools -K.V.Kuppam	Organized Industrial Visit to Chandru Machine Tools- K.V.Kuppam on 22-7-16
Plan to organize Industrial Visit- to salem steel plant -Salem	Organized Industrial Visit to Salem steel plant - Salem on 27-8-16
Plan to organize a Workshop	Organized to Two days Workshop for Digital Manufacturing and analysis on 10 & 11-02-17
To Organize Industrial Visit - Port- Chennai	Organized Industrial Visit to Port, Chennai on 6-9 -2016.
To Organize Guest Lecture for Engineering geology-III Sem	Guest Lecture for Engineering Geology conducted on -17.10.2016.
To Organize Guest Lecture for Design of Reinforced Concrete Elements-V Sem	Guest Lecture for Design of Reinforced Concrete Elements conducted on -17.10.2016.
To Organize Guest Lecture for Structural Dynamics-VII Sem	Guest Lecture for Structural Dynamics conducted on -17.10.2016.
To Organize Guest Lecture for Mechanics of Solids-III Sem	Guest Lecture for Mechanics of Solids conducted on -18.10.2016.
To Organize Guest Lecture for Foundation Engineering-V Sem	Guest Lecture for Foundation Engineering conducted on -18.10.2016.
To Organize Guest Lecture for Mechanics of Fluids-III Sem	Guest Lecture for Mechanics of Fluids conducted on -19.10.2016.
To Organize Guest Lecture for Structural Analysis - V Sem	Guest Lecture for Structural Analysis conducted on -19.10.2016.
To Organize Guest Lecture for Housing planning & Management-VII Sem	Guest Lecture for Housing planning & Management conducted on -19.10.2016.
To Organize Guest Lecture for Estimation & Quantity Surveying-VII Sem	Guest Lecture for Estimation & Quantity Surveying conducted on -20.10.2016.
To Organize Guest Lecture for Water Resource & Irrigation Engineering-VII Sem	Guest Lecture for Water Resource & Irrigation Engineering conducted on -21.10.2016.
To Organize Guest Lecture for Surveying-II -IV Sem	Guest Lecture for Surveying-II conducted on 23.3.-2017, 24.3.2017 & 25.3.2017
To Organize Guest Lecture for Applied Hydraulics & Engineering IV Sem	Guest Lecture for Applied Hydraulics & Engineering conducted on 27.3.2017 & 28.3.2017.
To Organize Guest Lecture for Design of Reinforced and Brick Masanory Structures-VI Sem	Guest Lecture for Design of Reinforced and Brick Masanory Structures conducted on 28.3.2017 & 30.3.2017.
To Organize Guest Lecture for Design of Steel Structures VI Sem	Guest Lecture for Design of Steel Structures conducted on 31.3.2017.



To Organize Guest Lecture for Strength of Materials -IVSem	Guest Lecture for Strength of Materials conducted on 1.4.2017 & 5.4.2017.
To Organize Guest Lecture for Structural Analysis-II -VISem	Guest Lecture for Structural Analysis-II conducted on 1.4.2017 & 5.4.2017.
To Organize Guest Lecture for Soil Mechanics - IVSem	Guest Lecture for Soil Mechanics conducted on 1.4.2017.
Planned to Organize Industrial Visit - Doordharshan Kendra, Chennai	Organized Industrial Visit to Doordharshan Kendra, Chennai on 12-09-2016
Planned to Organize Workshop for Mobile Application Development-V Sem/III Year	Organized Workshop for MCA III Year/V Sem in Mobile Application Development 01-09-2016 and 02-09-2016
Planned to Organize National Level Technical Symposium	Organized National Level Technical Symposium called AVISO'16 on 15-10-2016

*\* 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**

**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	<b>8</b>	-	-	-
UG	<b>6</b>	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	<b>1</b>
Others	-	-	-	-
<b>Total</b>	<b>14</b>	-	-	<b>1</b>

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

**Core Option:**

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.
- Satellite classes from Anna University (EDUSAT) are conducted for selected subjects.
- Mini projects and industry based final year projects
- Seminars by students
- Industrial visits
- Performing more number of experiments than required.

**Elective Option:**

- 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\* (On all aspects) Alumni  Parents  Employers  Students

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

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

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
	126	106	16	4	NIL

2.2 No. of permanent faculty with Ph.D. 5

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
	2	8	NIL	15	NIL	8	NIL	NIL	2	31

2.4 No. of Guest and Visiting faculty and Temporary faculty NIL NIL NIL

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	14	40	4
Presented papers	88	6	NIL
Resource Persons	NIL	NIL	2

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.

Facilitated Blender Teaching Methodologies are implemented. It is an education program (formal or non-formal) that combines online digital media with traditional classroom methods. It requires the physical presence of both teacher and student.

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.
- Online multiple questions were introduced in all classes to assess performance of students on regular basis.
- Paper presentations and seminars are also initiated.

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

91.4 %

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	68	NIL	41.18	5.88	NIL	47.06
B.E-CIVIL	61	NIL	44.26	18.03	NIL	62.29
B.E-ECE	94	2.5	73.41	8.13	NIL	84.04
B.E-EEE	56	NIL	42.85	23.21	NIL	66.06
B.Tech –IT	16	NIL	75.00	6.25	NIL	81.25
B.E –MECH	163	NIL	49.69	21.47	NIL	71.16

PG Programmes

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
M.E-CSE	4	25	75	NIL	NIL	100

M.E-CN	NIL					
M.E –EST	1	NIL	100	NIL	NIL	100
ME –CIE	2	50	50	NIL	NIL	100
M.Tech –IT	NIL					
M.E- ME	2	NIL	100	NIL	NIL	100
MBA	28	NIL	78.57	NIL	NIL	78.57
MCA	48	14.58	79.16	NIL	NIL	93.74

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	NIL
UGC – Faculty Improvement Programme	2
HRD programmes	NIL
Orientation programmes	32
Faculty exchange programme	NIL
Staff training conducted by the university	NIL
Staff training conducted by other institutions	1
Summer / Winter schools, Workshops, etc.	36
Others (FDP)	72

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	15	NIL	NIL	NIL
Technical Staff	25	NIL	1	NIL

## Criterion – III

### 3. Research, Consultancy and Extension

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

Faculty members are frequently informed about seminar / conference etc., to promote research and consultancy activities in the campus. They are also encouraged to participate in these activities by providing leave and TA.

#### 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	21	-	-
Non-Peer Review Journals	55	0	-
e-Journals	09	-	-
Conference proceedings	18	09	-

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

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <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)

(NSTEDB-DST SPONSORED, AICTE TV Programme)

3.10 Revenue generated through consultancy

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

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

JRF	Nil	SRF	Nil	Project Fellows	Nil	Any other	Nil
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3.21 No. of students Participated in NSS events:

University level	03	State level	Nil
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	01	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	Nil	College forum	05		
NCC	Nil	NSS	04	Any other	Nil

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

- World Literacy Day was celebrated on 08.09.2016 to raise awareness around the facts, importance and benefits of literacy.
- Kadhi Day was celebrated at our campus on 04.10.2016 to mark the occasion of the birthday of Mohandas Karamchand Gandhi.
- Vigilance awareness camp was organised at GTEC on 06.11.2016 by NSS.
- Math & Science Expo – 2016 was celebrated on 28.11.2016 to 01.12.2016 to commemorate the 129<sup>th</sup> Birth Anniversary of Eminent Mathematician Shri.Srinivasa Ramanujan.
- Free Eye & Dental Camp was organised at GTEC on 27.11.2016 by NSS in which 350 Numbers of free eye spectacles were provided.
- Blood Donation Camp was organised at GTEC on 17.02.2017 by NSS in which 103 units of blood donated.
- National Science Day was celebrated on 28.02.2017 to renew the national, as well as the international commitment to science and its benefit to the society.
- Awareness Programme on “Eradication of Karuvelam Trees" was held on 06.03.17 to know the various steps to taken for removal of Seemai Karuvelam tress to save Eco System.
- Womens Day was celebrated on 08.03.2017 which is organised by Women Welfare Committee,IEEE Women Engineering Society.
- Free medical camp was organised by NSS on 21.03.2017 at Salamanatham Village.In which free medicines were provided for 400 members.
- World TB Day was celebrated on 24.3.2017 to recognize achievements in tuberculosis (TB) and renew our commitment to ending the devastating disease
- World Book Day was celebrated on 23.04.2017.

## 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	21.66 acres	-	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.	-	9	GTEC	9
Value of the equipment purchased during the year (Rs. in Lakhs)	-	2.83 lakhs	GTEC	Rs.2.83 lakhs
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.
- e-circular.
- e-indent forms.
- Cafeteria computer billing.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	26063	Rs.8426710	29	Rs.9583	26092	Rs.8436293
Reference Books	2565	Rs.1210420	29	Rs.12460	2594	Rs.1222880
e-Books	17	Rs.7973	1	Rs.1440	18	Rs.9413
Journals	00	00	17	Rs.5650	14	Rs.5650
e-Journals	00	00	1669	Rs.11500	1669	Rs.11500
Digital Database	NPTEL	Rs.17800	-	-	NPTEL	Rs.17800
CD & Video	2825	-	97	-	2922	-
Others (specify)	-	-	-	-	-	-

#### 4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	828	20	224	02	02	11	569	-
Added	NIL	NIL	NIL	NIL	NIL	NIL	NIL	-
Total	828	20	224	02	02	11	569	-

#### 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.
- Two day workshop on digital manufacturing and Analysis for students.
- Hands on training program on Android mobile app development.
- IEEE technical talk training for students and faculty.
- E- saraswathi upload of course notes, university question with answer, lesson plan, question bank etc.
- Library web server.
- Google apps.
- NEN training.

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

i) ICT

**Rs.7.04 lakhs**

ii) Campus Infrastructure and facilities

**Rs.5.36 lakhs**

iii) Equipments

**Rs.4.12lakhs**

iv) Others

**Rs.7.86 lakhs**

**Total:**

**Rs.24.38 lakhs**

## Criterion – V

### 5. Student Support and Progression

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

- The IQAC organized Orientation classes for the students at the beginning of the academic year to provide information regarding the vision and mission of the college and the facilities available in the campus.
- IQAC ensures Anti-Ragging cell to make the fresher and others aware of the effects of ragging every year.
- Every year feedback in questionnaire form is taken from students, parents, alumnae and other stakeholders to assess the quality and standard of the institution.
- Motivated the students to use Technology like PPT presentation, Study Projects and assignments using Internet, OHP, Peer teaching with models etc.
- Updates on notice boards and college website to ensure active participation by students in various activities.
- E-filing System to promote paperless organization.
- Website Updates
- E-Saraswathi/Intranet
- Counselling
- 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 counselling report.
- Institution has well structured Counselling Hierarchy from Professional Psychiatrists, Principal, and HODs & Counsellors to help the improvement in student's progression.
- Monitoring of attendance by Counsellors, Class incharges & HODs,
- From the Feedbacks collected from Alumni and Exit surveys the progressions of the students are tracked.
- Bridge courses are conducted for the lateral entry students for mathematics.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1050	164	-	-

(b) No. of students outside the state

5
---

(c) No. of international students

-
---

Men	No	%
	798	65.7

Women	No	%
	416	34.3

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
92	184	1	1219	-	1500	87	158	-	969	-	1214

Demand ratio% nil Dropout 1.24 %

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

Civil service Awareness Programme Conducted from 02-03-2017 to 03-03-2017

No. of students beneficiaries

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

NET	<input style="width: 30px;" type="text" value="-"/>	SET/SLET	<input style="width: 30px;" type="text" value="-"/>	GATE	<input style="width: 30px;" type="text" value="-"/>	CAT	<input style="width: 30px;" type="text" value="-"/>
IAS/IPS etc	<input style="width: 30px;" type="text" value="-"/>	State PSC	<input style="width: 30px;" type="text" value="-"/>	UPSC	<input style="width: 30px;" type="text" value="-"/>	Others	<input style="width: 30px;" type="text" value="-"/>

#### 5.6 Details of student counselling 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

Number of Organizations Visited	<i>On campus</i>		<i>Off Campus</i>
	Number of Students Participated	Number of Students Placed	Number of Students Placed
10	279	99	14

#### 5.8 Details of gender sensitization programmes

Women's day celebrated on 08-03-2017 by women welfare committee

## 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	127	Rs. 4,73,2500
Financial support from government	643	Rs. 1,46,95000
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

- ✓ Celebration of Kadhi day
- ✓ Vigilance awareness Camp
- ✓ Free Eye & Dental Camp
- ✓ Blood Donation Camp
- ✓ Women's day celebration
- ✓ National Science Day
- ✓ Free Medical Camp
- ✓ World TB Day
- ✓ World Literacy Day
- ✓ Awareness Programme on Eradication of Karuvelam Trees

### 5.13 Major grievances of students (if any) redressed:

- Transport Timings has been changed.
- Hostel facilities are improved based on student requirements
- Canteen and mess menu changed based on student requirements

## 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, AVIEW
  6. E-Saraswathi
  7. Content beyond the syllabus
  8. Facilitated blended learning methodology.



### 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

- 5 Faculty with Doctorate and 17 Faculty are pursuing their Research
- The Faculty Published 88 articles in International and 6 articles in National peer reviewed journals.

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

- 29 Textbooks, 29 Reference Books, 17 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.
- 53 academic projects have been done in industries.
- Industrial visits arranged for students and faculty.
- 63 students have undergone In-plant Training in 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 Program (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.
- For the Post Graduate Program, 50% 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 50% 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. 4,74,637/-
Non teaching	Rs. 15,55,347/-
Students	Rs. 3,64,724/-

### 6.5 Total corpus fund generated

16, 71, 78,933

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's meeting is being conducted every year on January 26<sup>th</sup>.
- Alumni are frequently invited as resource person for various Guest Lecture, Seminar, Workshop, and Symposium.
- Placement awareness given 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.
- Paperless organisation.
- Rain Water harvesting.
- Electrical waste management.
- Power consumption.
- Litter free and plastic free campus.
- Follow environmental policy.
- 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.

- Slow learners were identified and special coaching classes were conducted on daily basis.
- 24X7 Wi-Fi connectivity provided.
- Merit Scholarships, fee concessions were given for economically weaker students.
- Counselling services were offered to the students and their parents.
- College conducts coaching classes for arrear students.
- Bridge course was conducted for the first year students for strengthening the fundamental basics ideas.
- Bridge course was conducted for lateral entry students for strengthening the maths fundamentals.
- Academic audit was carried out as per the guidelines of IQAC at our college to develop the feature of the education.
- Usage of NPTEL videos across the campus as courses for the benefit of the staff and student members
- Organizing Science Exhibition.
- Organizing Engineering Day as a celebration.
- Organizing Paper presentation contest and Quiz competition for the students
- Placement awareness program for the pre - final year Students

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

- Organized Industrial Visits to all the departments.
- Organized 20 Guest lecturers to various departments.
- Organized Skill development programmes for various department students and faculties.
- Conducted National level Project exhibition.
- Organized various social service activities with students.
- Entire campus is equipped with Wi-Fi connectivity.
- Online feedback received from the students.
- 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.
- Apart from academic curriculum, carrier development was given to the students by HR Conclave and Productive research.

- Provided training to the Buddy entrepreneurs through NEN and Government funded awareness camp [NSTED]
- Provided training for civil service exams [ IAS / IPS]
- Various cultural activities have been organized in college [ Pongal celebration, Women's day celebration, yoga, etc]

### 7.3 Give two Best Practices of the institution

#### **Best Practice I: 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.

#### **Best Practice II: 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.

*Please See the Annexure IV*

### 7.4 Contribution to environmental awareness / protection

- In order to create environmental awareness among the students, many events were organized in the college.
- Eradication of karuvelam trees had done by Rotaract club members.
- The vehicles of the students are parked in the College entrance itself. This helps in keeping the Campus carbon and noise free.
- Minimization use of paper [All kinds of communication are happening through online.]
- 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.

YES

NO

7.5 Whether environmental audit was conducted?

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.
- Training and placement activities have been improved. Compare with last year this year more number of students has been placed through TAP.
- Various measures had been taken for the improvement of admission.
- Celebrating National Days
- Cultural functions at hostel level

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

- Auditing of the question paper and Valuation
- Assess the quality of questions in the question paper in semester end examination and continuous evaluation.
- To offer inter disciplinary seminars, workshops and conferences.
- To hold more campus interview to create avenue of employment for students
- Develop more linkages with industries and other universities.
- Enhance research funding
- To explore possibilities for active industry participation
- Evolve a scheme for Non Teaching staff
- Eco-friendly measures
- Uplifting the sports ground and facilities for sports and games



**DR. B. THENRAL**

*Signature of the Coordinator, IQAC*



**DR. M. BARATHI**  
**PRINCIPAL**

**Ganadipathy Tulsi's Jain**  
**Engineering College**  
**Vellore - 632 102.**

*Signature of the Chairperson, IQAC*

## Annexure I

### Academic Calendar 2016 – 17

<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	
1-Aug-15	<b>Saturday</b>	
2-Aug-15	<b>Sunday</b>	<b>Holiday</b>
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	<b>Sunday</b>	<b>Holiday</b>
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
<b>15-Aug-15</b>	<b>Saturday</b>	<b>INDEPENDENCE DAY</b>
16-Aug-15	Sunday	<b>Holiday</b>
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	<b>Holiday</b>
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	<b>Civil National Level Work Shop</b>
30-Aug-15	Sunday	<b>Holiday</b>
31-Aug-15	Monday	Internal Assessment Test-I (P.G First Sem)
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	<b>Sunday</b>	<b>HOLIDAY</b>
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	<b>Sunday</b>	<b>HOLIDAY</b>
14-Sep-15	Monday	
15-Sep-15	Tuesday	Civil Engineerings day
16-Sep-15	Wednesday	Civil Awarness Program
17-Sep-15	Thursday	Vinayakar Chathurthi
18-Sep-15	Friday	pajushan parv - Holiday
19-Sep-15	Saturday	Internal Assessment Test-II
20-Sep-15	<b>Sunday</b>	<b>HOLIDAY</b>
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	<b>SYMPOSIUM - ECE /Seminar on Advanced Programming Language - IT / Internal Assessment Test-II (P.G First Sem)</b>
27-Sep-15	<b>Sunday</b>	<b>HOLIDAY</b>
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)
1-Oct-15	Thursday	Internal Assessment Test-II (P.G First Sem)
2-Oct-15	Friday	<b>GANDHI JAYANTHI</b>
3-Oct-15	Saturday	FDP on Mobile Communication - IT
4-Oct-15	Sunday	<b>HOLIDAY</b>
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	<b>HOLIDAY</b>
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	<b>HOLIDAY</b>
19-Oct-15	Monday	
20-Oct-15	Tuesday	NSS Regular Activity
21-Oct-15	Wednesday	<b>AYUTHA POOJA</b>
22-Oct-15	Thursday	<b>VIJAYA DHASAMI</b>
23-Oct-15	Friday	<b>MOHARAM</b>
24-Oct-15	Saturday	Workshop on Data Mining Tool - IT
25-Oct-15	Sunday	<b>HOLIDAY</b>
26-Oct-15	Monday	
27-Oct-15	Tuesday	
28-Oct-15	Wednesday	

29-Oct-15	Thursday	
30-Oct-15	Friday	
31-Oct-15	Saturday	
1-Nov-15	<b>Sunday</b>	<b>HOLIDAY</b>
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	<b>Sunday</b>	<b>HOLIDAY</b>
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	<b>Sunday</b>	<b>HOLIDAY</b>
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	<b>Sunday</b>	<b>HOLIDAY</b>
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	<b>Sunday</b>	<b>HOLIDAY</b>
30-Nov-15	Monday	
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	<b>Sunday</b>	<b>HOLIDAY</b>
7-Dec-15	Monday	
8-Dec-15	Tuesday	
9-Dec-15	Wednesday	
10-Dec-15	Thursday	
11-Dec-15	Friday	
12-Dec-15	Saturday	

<b>13-Dec-15</b>	<b>Sunday</b>	<b>HOLIDAY</b>
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	
<b>20-Dec-15</b>	<b>Sunday</b>	<b>HOLIDAY</b>
21-Dec-15	Monday	
22-Dec-15	Tuesday	
23-Dec-15	Wednesday	<b>MILAD-UN-NABI</b>
24-Dec-15	Thursday	
25-Dec-15	Friday	<b>CHRISTMAS</b>
26-Dec-15	Saturday	
<b>27-Dec-15</b>	<b>Sunday</b>	<b>HOLIDAY</b>
28-Dec-15	Monday	
29-Dec-15	Tuesday	
30-Dec-15	Wednesday	NSS Regular Activity
31-Dec-15	Thursday	
1-Jan-16	Friday	<b>NEW YEAR</b>
2-Jan-16	Saturday	
<b>3-Jan-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
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	
<b>10-Jan-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
11-Jan-16	Monday	
12-Jan-16	Tuesday	
13-Jan-16	Wednesday	<b>BHOGI</b>
14-Jan-16	Thursday	<b>PONGAL</b>
15-Jan-16	Friday	<b>UZHAVAR THIRUNAL</b>
16-Jan-16	Saturday	<b>KAANUM PONGAL</b>
<b>17-Jan-16</b>	<b>Sunday</b>	<b>HOLIDAY - Youth Day ( Birthday of Vivekanandha</b>
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
<b>24-Jan-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
25-Jan-16	Monday	
<b>26-Jan-16</b>	<b>Tuesday</b>	<b>REPUBLIC DAY</b>
27-Jan-16	Wednesday	


28-Jan-16	Thursday	Nethaji's Birthday
29-Jan-16	Friday	
30-Jan-16	Saturday	
<b>31-Jan-16</b>	<b>Sunday</b>	
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
<b>7-Feb-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
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
<b>14-Feb-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
15-Feb-16	Monday	
16-Feb-16	Tuesday	
17-Feb-16	Wednesday	<b>MAHA SHIVRATI / GUEST LECTURE - ECE</b>
18-Feb-16	Thursday	Governing Council Meeting
19-Feb-16	Friday	
20-Feb-16	Saturday	SYMPOSIUM- S&H
<b>21-Feb-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
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	
<b>28-Feb-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
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	
<b>7-Mar-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
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	
<b>14-Mar-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>

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	<b>SEMINAR - ECE</b>
<b>21-Mar-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
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	
<b>28-Mar-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
29-Mar-16	Monday	
30-Mar-16	Tuesday	
31-Mar-16	Wednesday	
1-Apr-16	Thursday	
2-Apr-16	Friday	<b>Guest Lecture on GRID &amp; Cloud computing - IT</b>
3-Apr-16	Saturday	
<b>4-Apr-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
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	
<b>11-Apr-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
12-Apr-16	Monday	Internal Assessment Test-III
13-Apr-16	Tuesday	GUEST LECTURE - ECE
14-Apr-16	Wednesday	<b>TAMIL NEW YEAR</b>
15-Apr-16	Thursday	<b>Dr.B.R.AMBEDHKAR JAYANTHI</b>
16-Apr-16	Friday	NSS Regular Activity
17-Apr-16	Saturday	<b>SEMINAR - ECE</b>
<b>18-Apr-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
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	
<b>25-Apr-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
26-Apr-16	Monday	
27-Apr-16	Tuesday	
28-Apr-16	Wednesday	
29-Apr-16	Thursday	

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

15-Jun-16	Wednesday	
16-Jun-16	Thursday	
17-Jun-16	Friday	
18-Jun-16	Saturday	
<b>19-Jun-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
20-Jun-16	Monday	
21-Jun-16	Tuesday	
22-Jun-16	Wednesday	
23-Jun-16	Thursday	
24-Jun-16	Friday	
25-Jun-16	Saturday	
<b>26-Jun-16</b>	<b>Sunday</b>	<b>HOLIDAY</b>
27-Jun-16	Monday	
28-Jun-16	Tuesday	
29-Jun-16	Wednesday	
30-Jun-16	Thursday	



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<b>ANNEXURE -II</b>		

### ANALYSIS OF EXIT STUDENTS FEEDBACK QUESTIONNAIRE

**Consolidated data of 68 Samples of Computer Science & Engineering branch (2016-17 batch)**

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

#### STUDENT EXIT SURVEY FORM

FUTURE PLANS	Count and Percentage of students opted
I intend to work in the government sector.	37 (53%)
I intend to work in the private sector	10 (15%)
I intend to do other things	21 (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>	65%	30%	03%	02%
<b>PEO II</b>	29%	69%	01%	01%
<b>PEO III</b>	10%	29%	59%	02%
<b>PEO IV</b>	07%	30%	62%	01%



**ANNEXURE -II**

**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.	19%	63%	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.	23%	59%	13%	5%
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.	14%	65%	17%	4%
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.	15%	12%	67%	6%
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.	15%	73%	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.	75%	20%	3%	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.	80%	16%	1%	3%
Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	82%	16%	1%	1%
Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	62%	32%	3%	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.	62%	13%	15%	5%



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**ANNEXURE –II**

*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)	5%	23%	70%	2%	0	0
- Computers (Programming and usage of software packages)	7%	84%	6%	3%	0	0
- Humanities and Social sciences	5%	10%	82%	0%	3%	0
- General Engineering,	4%	19%	71%	2%	4%	0
- Engineering within major	12%	34%	54%	0%	0	0
<b>B. Quality of instruction &amp; support for learning given by technical &amp; supporting staff within major.</b>	70%	22%	5%	3%	0	0
<b>C. Quality of advise by the faculty with respect to:</b>						
- Academic planning	20%	73%	3%	2%	2%	0
- Career planning	19%	23%	30%	20%	4%	4%
<b>D. Equality of treatment by:</b>						
- Principal ,HOD, Faculty and other	75%	17%	5%	4%	0	0
- Technical and supporting staff	15%	74%	3%	8%	0	0
- Fellow students	10%	88%	2%	0	0	0
<b>E. Quality of the facilities:</b>						
- Classrooms	75%	8%	3%	14%	0	0
- Science laboratories	10%	86%	3%	1%	0	0
- Engineering Laboratories	5%	90%	4%	1%	0	0
- Computing facilities	80%	7%	11%	1%	1%	0
- Libraries	74%	25%	1%	0%	0	0



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**ANNEXURE -II**

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	10%	85%	3%	2%	0	0	11%	83%	6%
Training office	75%	11%	7%	7%	0	0	8%	87%	5%
Libraries	11%	88%	1%	0%	0	0	48%	42%	10%
Bookstores	10%	86%	2%	2%	0	0	8%	86%	6%
<b>B. Administrative Offices:</b>									
Students' affairs office in your department	80%	15%	1%	4%	0	0	71%	25%	4%
Administrative offices in the college	11%	84%	3%	1%	1%	0	68%	30%	2%
<b>C. Other Services:</b>									
Health services	87%	10%	2%	1%	0	0	70%	24%	6%
Food services	85%	9%	4%	2%	0	0	74%	4%	22%
Parking	80%	12%	7%	1%	0	0	81%	16%	3%
Recreation and athletics	29%	70%	1%	0%	0	0	75%	15%	10%



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**ANNEXURE - III**

**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	6	Production	12	Corporate	27	Design	2
Education	6	IT	15	Project	10	Banking	1
Developer	11	Govt. Sector	4	Entrepreneur	4	Others	2

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

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

Yes  No



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**ANNEXURE -III**

**ALUMNI SURVEY FORM**

**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
<b><u>PEO1. Core Competence:</u></b> 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.	51%	33%	10%	6%
<b><u>PEO2. Breadth:</u></b> 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.	20%	17%	61%	2%
<b><u>PEO3. Professionalism:</u></b> 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.	11%	27%	54%	8%
<b><u>PEO4. Learning environment:</u></b> 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	02%	33%	64%	1%



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**ANNEXURE-III**

**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.	16%	64%	18%	2%
Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	20%	19%	59%	2%
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.	10%	74%	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.	11%	16%	73%	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.	9%	79%	10%	2%
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.	80%	17%	2%	1%
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.	70%	26%	3%	10%
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.	35%	45%	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.	35%	43%	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	70%	16%	14%	0%



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**ANNEXURE-III**

**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:**

- 18% of the students are satisfied with the increased placements.
- 50 % of the students have stated that infrastructure, high technical standards provided and teaching methodologies are very good in the college.
- 23% of the students have stated the Mentorship and cleanliness are best provided.
- 9% of the students have mentioned that co-curricular activities are best provided.

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

- 52 % of the students have stated that placement opportunities may be duly improved.
- 23% of the students expect additional co-curricular activities.
- 25 % of the students need more extra-curricular activities



## Annexure-IV

### BEST PRACTICES

#### Best Practice: I

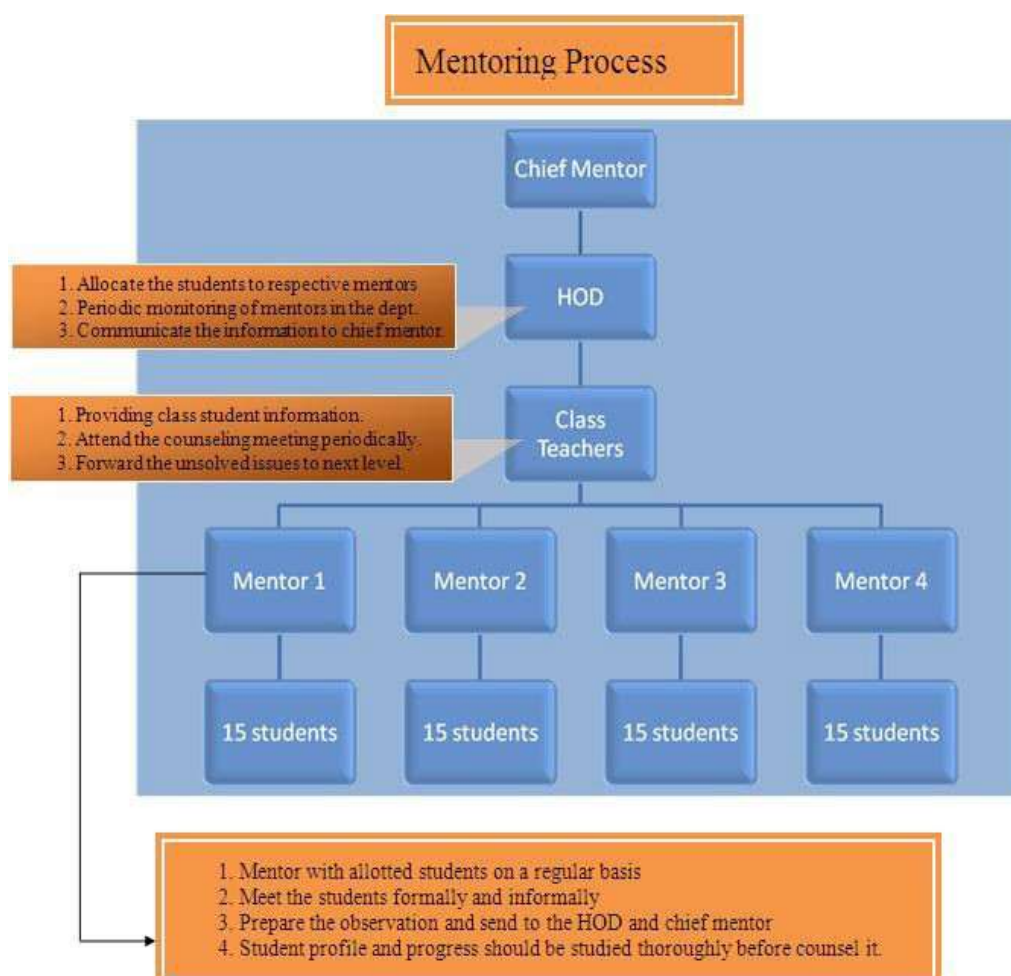
- Title of the Practice : **Mentorship**

#### Objectives of this practice:

- To maintain good relationship between teacher and students.
- Counseling students and interaction with them to overcome their problem.
- Motivate the students to prepare themselves to meet out industry requirements.
- Guiding students to choose right career path for job, higher studies, Entrepreneurship, etc.

#### Context:

- Since the majority of the students is not matured enough to take their own decision in the vast changing scenario of technology and their family and educational background , the mentorship activity of the institute guides and counsel the students in academic, non-academic matters including personal domain to achieve their best in life. This practice has been initiated to address these issues.



### **The Process:**

- The college has practice of 15 students per mentor in each department to counsel throughout their study.
- The mentor is monitoring progress of the students in the department and update to their parents regularly.
- In particular, the mentoring system aims at addressing deficiencies in attitudes, habits, and knowledge of the students regarding study and learning. There are many other supporting activities have been introduced for better coordination of lectures, tutorials and practical classes. Special and coaching classes are arranged by the mentors in association with the respective subject teachers to make the students better understanding of difficult topics. At the end of the every semester the students are prepared mentally to face university exams.

### **Problems Encountered and Resources Required**

- Hesitation from the faculty to concentrate on 15 students to give council.
- Sometimes students hesitate to talk openly with the faculty

### **Best Practice: II**

Title of the Practice: **Effective Teaching & Learning by lesson Plan**

#### **Objectives of the practice**

- To provide the subject knowledge on lively basis for the students.
- To enhance the presentation skills and Self-directedness in learning.
- To foster sense of students control over learning and interest in the subject matter.
- To encourage self-access and independent learning.

#### **The context**

- Individual students may be better suited to learning in a particular way, using distinctive mode of teaching in the class. The notion of students having particular learning styles as implications for teaching strategies, because preferred modes of teaching methods vary from one individual to another. It is in the hands of teachers use a range of teaching strategies to effectively meet the need of students. This lead the students both intrinsically and extrinsically motivated to inquire, infer and interpret to think reflectively and creatively.

#### **The Practice**

- The College has a practice of preparing the lesson plan by all faculty before the commencement of every semester allotted hours for each subject as per in the curriculum.
- In order to make the subjects lively in the class room the lesson plan includes Chalk and talk, NPTEL Videos, Seminars, Power point presentation, Assignments, Industrial Visit, Subject related videos and Guest Lecture.

- Based on the topics in the syllabus the teachers assign the above methods in teaching and learning process. As a result of this, the students are actively participating in their curriculum.

**Evidence of Success:**

- Students and Parents are appreciating the teaching methodology which adopted by the Institution.
- Students are actively participated in the class.
- The change in the behavior & communication of the students is an ample testimony for the success of this teaching method.
- This Learning method made the students more cooperative and supportive in the class room.

**Problems Encountered**

- Initially the faculties were resistance to change.
- Time constraint
- Providing transport facilities to meet growing student expectations

**Resources Required**

- To make arrangement of guest lecture and industrial visit need of extra manpower and financial support from the management