



The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

I. Details of the Institution

1.1 Name of the Institution	Gandhi Institute of Engineering and Technology
1.2 Address Line 1	At- Gobriguda, Po: Kharling
Address Line 2	Gunupur, Dist: Rayagada
City/Town	Gunupur
State	Odisha
Pin Code	765022
Institution e-mail address	principal@giet.edu , dean@giet.edu
Contact Nos.	9437044170
Name of the Head of the Institution:	Dr. M. Muralidhara Rao
Tel. No. with STD Code:	06857 250172
Mobile:	7381052100



Name of the IQAC Co-ordinator:

Dr. D. Tapas Kumar Dora

Mobile:

9438725976

IQAC e-mail address:

hodchem@giet.edu

1.3 NAAC Track ID

ORCOGN 20623

1.4 NAAC Executive Committee No. & Date:

EC(SC-5)/DO/2014/115 dated 03/03/2015

1.5 Website address:

www.giet.edu

Web-link of the AQAR:

www.giet.edu/AQAR2015-16.pdf**1.6 Accreditation Details**

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.2	2008	2013
2	2 nd Cycle	A	3.28	2015	2020
3	3 rd Cycle	NIL	NIL	NIL	NIL
4	4 th Cycle	NIL	NIL	NIL	NIL

The photo copies of NAAC Accreditation certificates are attached as Annexure-1

1.7 Date of Establishment of IQAC : DD/MM/YYYY

02/04/2009

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

2016-17

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

- i. AQAR 2015-16 submitted to NAAC on _____ (DD/MM/YYYY)
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)

**1.10 Institutional Status**

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(AICTE)

Type of Institution Co-education Men Women

Urban Rural Tribal

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

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

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (for the Colleges)

Biju Pattnaik University of
Technology, Rourkela

1.13 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*)

DSIR

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

12

2.2 No. of Administrative/Technical staff

02

2.3 No. of students

09

2.4 No. of Management representatives

01

2.5 No. of Alumni

04

2.6 No. of any other stakeholder and
community representatives

02

2.7 No. of Employers/ Industrialists

03

2.8 No. of other External Experts

04

2.9 Total No. of members

37

2.10 No. of IQAC meetings held: 03

2.11 No. of meetings with various stakeholders:

No. 36

Faculty

18

Non-Teaching Staff

15

Students

Alumni

02

Others

01

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

Innovative teaching methodology, Effective proctor system

**2.14 Significant Activities and contributions made by IQAC**

Continuous monitoring and evaluation, research work and effective proctor system
--

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Conduct of VSTs	VSTs are conducted for 3 rd and 5 th semester students in the afternoon.
Emphasis on value added courses	ORACLE, ANEROID, IBM DB2, RAD, TDS, JAVA, Chemical Engg: Paint and Dye Stuff Technology, Polymer Technology, AUTO CAD, PROE, ANSYS, Optimization Technique, Automobile Engineering, Bridge Construction, PCR Based Molecular Diagnosis, Purification of Immunoglobulin G, Fracture Analysis of Turbine Blades in Thermal Power Plants, Polymer and Ceramics, Destructive Testing of Materials, MAT LAB, VLSI, PLC, SCADA, PCB Design, CADFEKO and Applications, Embedded System, Renewable Energy Source, Power System Protection
Research work	6 RPS and 3 MODROB proposals are sent to AICTE.
Conduct of Conferences	One International conference on Recent Innovation in Engineering and Technology is conducted by the institute from 5 th to 6 th Nov. 2016. 4 Seminar Grant, 4 Skill Development Programme and 3 FDP proposals are sent to AICTE.
Continuous evaluation in the lab	Continuous evaluation of laboratory performance is implemented. Students' lab performance report are sent to their respective parent.
Training GAP Analysis	The training and gap analysis for the non placed final year students are conducted.

The Academic Calendar of the year is attached as Annexure-2.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Management approved AQAR and encouraged for Teachers additional qualification (Ph. D), research work.



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	Nil	Nil	Nil	Nil
PG	06	Nil	06	Nil
UG	11	Nil	11	Nil
PG Diploma	Nil	Nil	Nil	Nil
Advanced Diploma	Nil	Nil	Nil	Nil
Diploma	Nil	Nil	Nil	Nil
Certificate	Nil	Nil	Nil	Nil
Others	Nil	Nil	Nil	Nil
Total	17	Nil	17	Nil
Interdisciplinary	Nil	Nil	Nil	Nil
Innovative	Nil	Nil	Nil	Nil

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	11 (UG), 06 (PG)
Trimester	Nil
Annual	Nil

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

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

The student, alumni, parent and Employer feedback forms are attached as Annexure-3

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

Yes. The syllabus is revised by the affiliating university. The advanced subjects have been introduced in each of discipline.

The revised syllabus is attached as Annexure - 4



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

Information Technology

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
297	193	66	38	-

2.2 No. of permanent faculty with Ph.D.

70

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
8	8	1	1	Nil	Nil	Nil	Nil	9	9

2.4 No. of Guest and Visiting faculty and Temporary faculty

Nil

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	76	38	Nil
Presented papers	58	41	Nil
Resource Persons	01	Nil	Nil

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

- ICT method enables modules, on-line learning and other learner-centered class-room strategies such as peer, pair and group learning for the students.
- Assessment of learning outcomes in the process of knowledge and skill transfer is evaluated during the end semester project works.
- Presentation and Interactive sessions of students
- The faculties adopt e-learning from the resources of NPTEL and open education resources.
- For the improvement of academic programmes and to acquaint the students with the application of modern technology, the Institute has set up a Digital Library and Language Laboratories. The audio visual materials, technical charts, cut models etc, are used for effective teaching-learning.
- Online Journals and study materials (e-learning) through NPTEL materials are made available to the students.
- The teachers participate in different work shop organized by NMEICT.
- Seminars and extension lectures are organized on regular basis by all the departments to update their knowledge.



- Students are assigned with various creative tasks, such as writing articles and matter for wall magazine and college magazine, interacting with resource persons during seminars, workshops etc.
- The students are encouraged to present papers in seminars on recent developments. Such interactions are mutually beneficial to the students and the faculty.

2.7 Total No. of actual teaching days during this academic year 180

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

Bar Coding for end sem examination

- All the class tests and end semester examinations are conducted as per the schedule of the university.
- The class tests answer scripts are manually written, where as the answer scripts of university examination are bar coded.
- The answer scripts of the class tests are evaluated within three days and the same are shown to the students to bring out transparency in the internal examination.
- Re-examination system has been introduced for both non-appearing and poor performing students. It is conducted within 10 days of the respective class tests.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 07

The list of faculty members involved in the Board of study of the University is attached as Annexure-5

2.10 Average percentage of attendance of students 80%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG	3118	58.61	75.36	6.45	Nil	81.81
PG	230	63.48	83.46	13.22	Nil	96.68

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

The Primary aim of the IQAC (Internal Quality Assurance Cell) is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution. IQAC contributes towards the improvement of teaching-learning process by taking the following steps:

- Enhancing the infrastructure in terms of space, equipment, laboratories, libraries etc.
- Planning and introducing more teaching aids to improve the teaching-learning process and encourage innovative practices.



- Ensuring timely, efficient and progressive performance of academic activities according to the calendar.
- Motivating the students on the relevance and quality of academic and research programmes
- Organizing training programmes/workshops on ICT-based pedagogical skills to make the teaching staff proficient in ICT and to enhance their teaching-learning process
- Motivating faculty members to attend inter-disciplinary programmes, faculty development programmes and research related programmes
- Appreciating, encouraging and providing support required by all staff for their quality sustenance and quality improvement in teaching, research and administration.
- Obtaining feedback from students to ensure the quality of teaching-learning process
- Organizing educational tours to make teaching-learning more effective and practical in approach
- Increasing facilities for undergraduate education, e-learning, usage of Lab equipments (add on experiments and design of experiments), usage of laptops and Wi-fi facility
- Better faculty competence, exposure to industrial practices.
- Providing sponsored research facility to faculties.
- Internal periodical reviews at department level.
- Formations of Departmental Committees.
- Periodic reviews of faculty-performance.
- Usage of current research topics in seminar presentation by the students
- Peer evaluation by HoDs and Principal

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	93
UGC – Faculty Improvement Programme	Nil
HRD programmes	Nil
Orientation programmes	141
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	57
Summer / Winter schools, Workshops, etc.	59
Others	-

**2.14 Details of Administrative and Technical staff**

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	576	93	73	Nil
Technical Staff	64	5	4	Nil



Criterion – III

3. Research, Consultancy and Extension

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

- An in- house body, called research monitoring committee (RMC) is functional to monitor research activities in-house. The body is represented by all Heads of the Departments, senior Professors, Dean R&D (secretary, RMC body), and Principal etc.
- The institute has unique system of research evaluation by a body consisting of eminent experts from different fields. The expert body is called Research council and the opinion expressed by the body is recorded in the form of minute which is authenticated by the chairman of RC.
- The institute has a Central library and each department has its own departmental library, all of which are well stocked with books and journals on state of the art ,technologies and new frontiers of research. Books are regularly procured for the libraries and e-journals are subscribed regularly.
- Institute has subscribed to e-journals such as IEEE, Elsevier, ASME, Springer, ASCE, Mc Graw-Hill, ASTM, J-Gate.
- Thirty computer terminals are provided for the researchers to access online journals and NPTEL audio-video study materials.
- Digital Library to access back volumes of Journals.
- Important information on various subject interests is generated through seminars, conferences, symposia, workshops, etc.
- Inviting Industry professionals to visit the Institute / Departments and interact with faculties / technicians and organizing their visits to labs, infrastructural facility centers etc.
- The College advocates and publicizes the available expertise for consultancy services through its publication in monthly news bulletin **Campus Flash**. The awards and the achievements of the faculty members are highlighted through news items in the news bulletin as well as reports read out on the College stage.
- Faculty members are encouraged to obtain consultancy work through their personal contacts and visits to industries.
- By giving incentives such as Duty Leave to faculty members for their contributions in consultancy services.
- Providing academic leave to the faculty members to carry out their PhD work.
- In plant training and industrial visits for students and teachers
- Encouraging the faculty members to publish papers in reputed journals from each student project.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	7	3
Outlay in Rs.	-	5666020	5666020	5666020

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	Nil	3	3
Outlay in Rs.	-		220000	220000

**3.4 Details on research publications**

	International	National	Others
Peer Review Journals	211	01	Nil
Non-Peer Review Journals	Nil	Nil	Nil
e-Journals	03	Nil	Nil
Conference proceedings	30	17	Nil

The list of publication is attached as Aneexure-6

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	3 Years	Ministry of Mines	2895500.00	2310500.00
	3 Years	Ministry of Science & Tch.	3900520.00	2225520.00
	3 Years	MSME	1609400.00	482000.00
	3 Years	IMMT, BBSR	1000000.00	648000.00
Minor Projects	1 Year	Science & Engg Research Board	100000.00	100000.00
	1 Year	EDI Gujrat	70000.00	70000.00
	1 Year	Institute of Engineers	50000.00	50000.00
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	Nil	Nil	Nil	Nil
Projects sponsored by the University/ College	Nil	Nil	Nil	Nil
Students research projects <i>(other than compulsory by the University)</i>	Nil	Nil	Nil	Nil
Any other(Specify)	Nil	Nil	Nil	Nil
Total			9625420.00	5886020.00

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



Apart from DST and DBT, we receive funds from NALCO, Damanjodi and Ministry of Mines to carry out the project works.

3.9 For collegesAutonomy 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	01	05	Nil	Nil	Nil
Sponsoring agencies		DST			

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	04
	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
01		01				

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them**3.19 No. of Ph.D. awarded by faculty from the Institution****3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones): Nil**JRF SRF Project Fellows Any other

**3.21 No. of students Participated in NSS events:**

University level State level
 National level International level

3.22 No. of students participated in NCC events: Nil

University level State level
 National level International level

3.23 No. of Awards won in NSS:

University level State level
 National level International level

3.24 No. of Awards won in NCC: Nil

University level State level
 National level International level

3.25 No. of Extension activities organized: 29

University forum College forum
 NCC NSS Any other

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

1. Observation of Vivekananda Jayanthi on 12th January 2016 near NSS Office GIET Gunupur Campus.
2. Observation of Netaji Jayanti on 23rd January 2016 near NSS Office GIET Gunupur Campus.
3. Observation of Voter day on 25th January 2015 in College Campus and NSS voluntaries participated in Gunupur voter's Day rally.

INITIATIVE

ON 12th January 2016, on the eve of Vivekananda Jayanthi NSS unit initiate a program called as "SPANDAN" where they announce to collect the old or new unused cloths from the students and college staff to distribute the Poor and needy people. The Same is conducted on 23rd January 2016, On the eve of Netaji Jayanti in presence of HR Manager from Simplex and Honorable Chairman GGI, Gunupur Prof.(Dr.) Satya Prakesh Panda. The collected cloths are distributed among the poor and needy people in GANDHI PARK at 4:00 PM.

**EVENTS:**

17.1.2016: Sai Temple cleaning under the banner of NSS and Swatch Bharat Program by BOYS and GIRLS Unit. Where Volunteers clean the surroundings of the temple and provide the DUST bins to the Temple Authorities.

23.1.2016: NSS, GIET Unit organized a Blood Donation camp with support of Gunupur Blood Bank in GIET campus where 26 Blood Units are collected.

GIET, GUNUPUR IS AWARDED AS THE HIGHEST BLOOD DONOR IN 26TH JANUARY 2016 EVEN AT RAYAGADA. The award is received by Prof. Rakesh Kumar Sahoo, the programming officer from Mechanical Department.

NSS ACTIVITIES AND DETAILS FOR THE MONTH OF FEB 2016

NSS Unit of GIET, Gunupur organized a Mega Blood donation camp on 17 Feb. 2016 at out college campus. This camp was inaugurated by Sri Sukant Kumar Pattnaik, OAS. Tahasildar, Gunupur. The donors contributed a massive 364 units of blood for different blood banks like Berhampur MKCG (162 units), Rayagada blood bank (80 units), Paralakhumundi blood bank (52 units) and Gunupur blood bank (70 units).

NSS Unit of GIET, Gunupur organized a cleaning program at Sri Jagannath temple, Gunupur on 8th Feb. 2016.

NSS ACTIVITIES AND DETAILS FOR THE MONTH OF MARCH 2016

On 8th march 2016 : On the eve of International WOMAN's Day the UNIT II (i.e. GIRLS Unit) organize a "SPANDAN" at Bandhuguda village. Where NSS Girl volunteers distributed the Cloths to the villagers.

On 7th march 2016: On the Eve of Sivaratri, NSS Units organized a camp at Hill TOP temple and supported the temple management in Queue Management, Prasad Preparation and Distributed water to the people.

7th march 2016 : NSS unit of GIET Gunupur conducted a campus plantation maintenance program on 7th March 2016. Where 40 volunteers are present and cleaned the planted area and trim the plants.

23rd March 2016: NSS units of GIET Gunupur organized a Monthly Blood donation camp where 31 units of Blood collected from the camp site i.e. GIET campus. This camp is inaugurate by a galaxy of HR from different companies. HR team consists of Ch.DakshinaMurty, V.SatishBabu, P Rajeswara Reddy and G. Chandra Sekhar.

NSS ACTIVITIES AND DETAILS FOR THE MONTH OF APRIL 2016

NSS unit of GIET, Gunupur have organized the Monthly Blood donation camp on 20th April 2016 where the donors contributed 30 units of blood for the Gunupur Blood Banks.

NSS ACTIVITIES AND DETAILS FOR THE MONTH OF MAY 2016

□NSS unit of GIET, Gunupur have organized the Monthly Blood donation camp on 19th May 2016 where the donors contributed 19 units of blood for the Gunupur Blood Banks.

NSS ACTIVITIES AND DETAILS FOR THE MONTH OF JUNE 2016

NSS unit of GIET, Gunupur organized the Monthly Blood donation camp on 27th June, 2016 where the donors contributed 25 units of blood for the Gunupur Blood Banks.



NSS ACTIVITIES AND DETAILS FOR THE MONTH OF JULY 2016

THE NSS WING OF GIET GUNUPUR HAS conducted three camps in the month of July:

1. 3rd July 2016: On the eve of VanaMahostav, NSS Wing of Giet Gunupur organized a massive plantation program with the support of Staff and Student where approx 525 seeds are planted.
2. 6th July 2016: Support the Temple Management and distribution of Rasna Water to the devotee during RATHA YATRA.
3. 29th July 2016: NssGiet Wing of conducted a Monthly blood Donation camp in Giet Gunupur campus where 45 Blood units are collected by the Blood Bank of Gunupur.

NSS ACTIVITIES AND DETAILS FOR THE MONTH OF AUGUST 2016

24 Aug 2016: NSS wing of GIET GUNUPUR ORGANISED a SPANDAN program at indra colony where student distributed 30+ old Bed rolls to the villagers.

31st Aug 2016: 12 Units

NSS ACTIVITIES AND DETAILS FOR THE MONTH OF SEPTEMBER 2016

On the eve of NSS Day i.e. 24th Sept 2016, NSS wing of GIET, GUNUPUR has organized an Inter-college Mega Blood Donation camp in support with Berhampur Blood bank, Gunupur Blood Bank, Rayagada Blood Bank and Paralakhemundi Blood Bank. The camp is inaugurated by Vice Chancellor of berhampur University Dr. Rajendraprasad Das In presence of Secretary of GIET, Gunupur Prof.Dr. Chandra Dhawaj Panda, Principal Dr. M.MuralidharRao, Dean Dr. N.V.J. Rao and NSS Convener K. MuraliGopal. 567 units of Blood are collected by different blood Banks. It ends with a prize distribution program for different activities and events conducted by NSS unit.

NSS ACTIVITIES AND DETAILS FOR THE MONTH OF OCTEMBER 2016

On 1st Oct 2016: GIET, Gunupur received award for highest blood unit collection among all the private colleges for 2015-2016 which is a real feather in it's cap. On behalf of NSS wing, GIET, Gunupur, Convener Prof. K. MuraliGopal received the award from Mr. SabyasachiNayak, Hon'ble Minister, Health & Family and I & PR in the event organised by State Blood Transfusion Council, Odisha in presence of Shri. Ashok Chandra Panda, Hon'ble Minister, Tourism and Culture, Dr. Prasanna Kumar Patasani, Hon'ble M.P., Lok Sabha, BBSR, Mr. SJ DebasishSamantray, Hon'ble MLA BARABATI, ShriBijay Kumar Mohanty, Hon'ble MLA, Madhya, ShriPriyadarshi Mishra, Hon'ble MLA, Uttara, Mr. SJ Ananta Narayan Jena, Mayor BMC, Dr. Ajit Kumar Mishra, ProjectDirector OSACS, DrGyanabraraMohanty, Director, SBTC. The event is presided by Smt. AratiAhuja, I.A.S., Principal SecretarytoGovt, Deptt. of Health and Family Welfare, Odisha.

On 1st Oct 2016: GIET, Gunupur has also received an award from MKCG BLOOD BANK Berhampur for donating the highest number of blood units. Mr. A. ChiranjibiRambabuAchary, Asst. Prof. in the Dept. of MBA has received the award on behalf of GIET, Gunupur.

Blood donation camp on 28th Oct 2016: 34 units collected.

NSS ACTIVITIES AND DETAILS FOR THE MONTH OF NOVEMBER 2016

on 14th Nov 2016 :

On the Eve of KartikaPurnma and last Monday of Kartik, The NSS volunteers organised a camp at sephali Hill top Siva Temple to support the Temple Management during managing the people and preparation and distribution of PRASAD.



On 28TH Nov 2016 :

NSS GIET wing organised a monthly blood donation camp inaugurated by principal and Dean sir. Where Gunupur Blood bank collected 19 Units of Blood packets.

NSS ACTIVITIES AND DETAILS FOR THE MONTH OF DECEMBER 2016

On 20th Dec 2016 : NSS wing of GIET Gunupur organised a Monthly volunteer Blood donation camp for the month of Dec 2016 where **36** units collected by Gunupur Blood Bank and in total the the year 2016 from January to December 2016, NSS wing denoted **1224** Volunteer Blood packets where as last year 2015 it is 1212. The Dean Dr. N.V.J.Rao congratulated the NSS Programme officers and NSS volunteers. Appreciated the Donor for their wholehearted support.

TOTAL BLOOD UNIT COLLECTED: 1224

**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	43.05 Acre	20 Acre	Trust Fund	63.05 Acre
Class rooms	42	15	Trust Fund	57
Laboratories	99	Nil	Trust Fund	99
Seminar Halls	07	01	Trust Fund	08
No. of important equipments purchased (≥ 10 lakh) during the current year.	3	2	Trust Fund	5
Value of the equipment purchased during the year (Rs. in Lakhs)	34,05700	10,67000	Trust Fund	4472700
Others	Nil	200000	Trust Fund	200000

4.2 Computerization of administration and library

Digital library, Online proctor management system, Student portal

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	63977	2044596	304	311141	64281	2355737
Reference Books	9452	346392	Nil	Nil	9452	346392
e-Books	85	17248	Nil	Nil	85	17248
Journals	85	365255	Nil	Nil	85	365255
e-Journals	633	1451920	Nil	Nil	633	1451920
Digital Database	Nil	Nil	Nil	Nil	Nil	Nil
CD & Video	4441	155435	Nil	Nil	4441	155435
Others (specify)	Nil	Nil	Nil	Nil	Nil	Nil

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet (mbps)	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	781	13	60	02	Nil	1	Nil	



Added	63	Nil	140	Nil	Nil	Nil	Nil	
Total	844	13	200	02	Nil	1	Nil	

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

ERP System, e-commerce

4.6 Amount spent on maintenance in lakhs :

i) ICT	2.3 Lakh
ii) Campus Infrastructure and facilities	4.2 Lakh
iii) Equipments	2.8 Lakh
iv) Others	1.5 Lakh
Total :	10.8 Lakh

**Criterion – V****5. Student Support and Progression****5.1 Contribution of IQAC in enhancing awareness about Student Support Services**

The institution publishes its updated Prospectus, Handbook and News Bulletin annually. The following information is provided to students through these documents and enhances the awareness about the student support services:

PROSPECTUS: The institution publishes its updated Prospectus annually where the Institution provides clear information to students about admission procedures, requirements for all programmes (eligibility and documents necessary), the fee-structure and refund policies, financial aid and student-support services. Besides, it contains information like the composition of the Governing Body, history of the College, College Staff (Faculty and Non-teaching Staff), courses offered and subject combinations allowed, Library facilities and rules, Canteen facilities, excursions, medical facilities, co-curricular activities, Anti-Ragging Cell & Rules of conduct and discipline, details of fees structure, etc.

HANDBOOK: The student handbook contains the mission, vision statement and academic calendar of the institution. This also contains the students' code of conduct to give information on DOs / DONTS in the institution. Through this handbook the institution convey message to the students about the fees structure for the semester.

NEWS BULLETIN(Monthly): The news bulletin (**Campus Flash**) disseminates information regarding infrastructural additions, results, aids and incentives to the needy and meritorious, sports achievements, achievements of NSS, Eco-Club, Health Unit etc. Activities of the various committees and different departments are also highlighted. Various events in the College like debates, quiz, Cultural activities, endowment prizes are covered as well as the programmes undertaken for academic enhancement of the faculty and the activities of the Career and counseling cell are also focused on.

5.2 Efforts made by the institution for tracking the progression

- Online attendance system
- online SMS to parent

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3783	174	Nil	

(b) No. of students outside the state

871

(c) No. of international students

183

	No	%		No	%
Men	3225	81.5	Women	732	18.5

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2887	221	147	702	Nil	3957	2082	187	201	648	Nil	3118

Demand ratio: 0.78

Dropout %: 0%



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

Organizing coaching classes for competitive exams

The institution is supporting the students beyond the syllabus by arranging special training programs, soft skill training programs for students on a regular basis, by the internal and external experts. Being an engineering college, a special arrangement for GATE coaching classes are organized and conducted by many departments of the Institution. In the GATE coaching classes, primary emphasis is given to solve the questions of last ten years. Tricks and tips is another regular practice of the GATE coaching classes.

Skill development (spoken English, computer literacy, etc.,)

GIET regularly conducts Personality Development Programmes which enhance the IQ level and communication skills of the participants for which Smart Class room is provided with audiovisual facility. The Institute also invites Guest speakers from the industry who provide regional and global employment opportunities for the students. Special spoken English classes are taken for communication skill development taking into considerations the rural backgrounds of the students.

Support for “slow learners”

The institution believes that slow learners can go steadily. So, personal care is taken by individual faculty members for the students. Students are allowed to ask their problems without any hesitation. **Remedial classes, extra-hour classes, frequent tests** are arranged on regular basis. All the members of the faculty participate in academic and career counselling.

Exposures of students to other institution of higher learning/corporate/business house etc.

Industry visit, participation in seminar/workshops/conferences organized in other institutes or industrial organization are the common practices so that students could well aware of the outside world.

No. of students beneficiaries

All

5.5 No. of students qualified in these examinations

NET	<input type="text"/>	SET/SLET	<input type="text"/>	GATE	<input type="text" value="23"/>	CAT	<input type="text" value="18"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text"/>

5.6 Details of student counselling and career guidance

Student Counselling:

Here in GIET, Gunupur each of the section of a particular batch consists of maximum 60 students. Two mentors, among them one of a mentor is designated as class teacher for each of the section. The class teachers and mentor have a keen watch at a micro level about the student activities like Performance, Abnormality in attendance etc. We maintain personal files for each of the students starting from the 1st semester to 8th semester. When class teachers changes the files are handed over to next semester class teachers which contains all information like address, parent phone no, semester result sheet, medical certificate(if any), and previous track records of the students etc. The other mentor is the proctor, who deals with 20 students. The proctor meets the 2 students daily for counselling the students in regards to their academic problems and non-academic problems. The daily meeting discussions with the students are recorded and send to the higher authority by means of Proctor Management System. The academic



problems are being handled by the Department head and the non academic problems are handled by the respective higher authorities.

Career Guidance

- Organizing PPT Classes
- GATE coaching classes
- BEC Vantage certified course
- ORACLE certified course
- Short term, value added courses

No. of students benefitted

3118

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
88	768	649	106

5.8 Details of gender sensitization programmes

- Women grievance cell

5.9 Students Activities

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

State/ University level

146

National level

Nil

International level

Nil

No. of students participated in cultural events

State/ University level

119

National level

Nil

International level

Nil

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

Sports : State/ University level

15

National level

Nil

International level

Nil

Cultural: State/ University level

Nil

National level

Nil

International level

Nil

The list of medals/awards won by students in sports is attached as Annexure-7



5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	156	4800000.00
Financial support from government	68	1184900.00
Financial support from other sources	0	Nil
Number of students who received International/ National recognitions	0	Nil

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

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



Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision: To foster prosperity through technological development by means of education, innovation and collaborative research and emerge as a premier technical institution

Mission: To provide quality education of international standards for producing technocrats and future leaders in a disciplined and conducive environment as an integral part of our social commitment to promote education in eastern India

6.2 Does the Institution has a management Information System : Yes

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

6.3.1 Curriculum Development

- Teaching plans & methodologies.
- Subject allocation as per specialization of teachers.
- Feedback from alumni, corporate, visiting faculties.

6.3.2 Teaching and Learning

- Mechanisms to adopt Learner-centric education approach, academic planning, improved and use of modern teaching-learning aids and application of ICT resources to make the curriculum interesting and effective for the students to facilitate effective learning outcome.
- Learner-centric education approach through appropriate methodologies like Academic Calendar, Interactive instructional techniques, use of debates, projects, presentations, Field work, surveys, experiments and practical classes, Lectures by experts from other colleges & Inter-departmental lecture exchange
- Academic calendar ensures clarity, co-ordination, planning and distribution of classes properly.
- College has well equipped Laboratories according to the revised syllabus required for practical classes.
- Use of Audio-Visual mode of teaching aids for all departments with Blackboard, Flow Charts, Overhead Projector, LCD Projector, Laptop, ICT as teaching aids & use Computers & internet facilities, Generator for continuous power supply for effective teaching learning process & research work for faculty.
- Total computerized of cataloging of books of the central library & creating a digital database for effective use by students & staff of the college.

6.3.3 Examination and Evaluation

E-evaluation methods and transparency is achieved. University appointed college examination officers to ensures smooth conduction of exams.

- All the class tests and end semester examinations are conducted as per the schedule of the university.
- The class tests answer scripts are manually written, where as the answer scripts of university examination are bar coded.



- The answer scripts of the class tests are evaluated within three days and the same are shown to the students to bring out transparency in the internal examination.
- Re-examination system has been introduced for both non-appearing and poor performing students. It is conducted within 10 days of the respective class tests.

6.3.4 Research and Development

- Seed money for R&D
- Incentives for paper publication
- Financial support for paper presentation, participation in conferences, workshop etc.
- Academic leave for higher study
- MoU with several other industries and organizations for Research, Consultancy and Extension activities.
- Mechanism to promote research culture, research publication, & professional development faculty members for quality enhancement of the teaching community.
- The Research Monitoring Committee encourages the research activities of the college and monitors the research activities, infrastructure provided and required by the faculty members to carry out research activities
- Full autonomy is given to the principal investigator by the institution to facilitate smooth progress and implementation of research schemes/projects
- The Institution makes all necessary arrangements for timely availability or release of resources for smooth progress and implementation of research schemes/projects
- Internet, LAN and journal and e-journal subscription is made available to the principal investigator by the institution to facilitate smooth progress and implementation of research schemes/projects
- Conferences and Seminars are organized by the Departments to attract researchers of eminence to visit the campus and interact with teachers and students
- The provision of leave facility for the faculties for Paper presentations in different International and National Conferences
- Encouraging Publication by faculty in different International and National refereed journals, books, articles in edited volumes, seminar proceedings etc.
- The institution has an institute industry interaction cell through the Training and Placement Cell headed by the Training and Placement Officer. They promote industrial training for the students and for the faculty as well. Students are sent for internship programmes for a maximum of four weeks to industries both domestic and abroad for promoting collaboration.
- Hence, the institution creates a tie up and signs MOUs.
- Every academic year it is made sure that the students are taken for industrial visits.
- Both UG and PG students are motivated to undertake their end semester project in the relevant industries of their domain, thus exposing and preparing them to meet the real time requirement in the industry.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Laboratories and Library are updated, ICT based instruments and computers are purchased and used
- 24 x 7 Internet, Wi-Fi, CC TV surveillance services

6.3.6 Human Resource Management

- Implementing bodies - Committee System for academic & administration.
- Interaction with stake holders
- Welfare measures for the staff and faculty
- Mechanisms for performance assessment (teaching, research, service) of faculty and staff



- The institution uses the evaluations to improve teaching/ research of the faculty and service of the faculty by other staff
- The strategies and implementation plans of the institution, to recruit and retain faculty and other staff who have the desired qualifications, knowledge and skills
- The institution supports and ensures the professional development of the faculty through budget allocation for staff development, sponsoring for advanced study, research, participation in seminars, conferences, workshops, etc. and supporting membership and active involvement in local, state, national and international professional associations
- Staff development programmes for skill up-gradation and training of the staff
- Facilities provided to faculty to carry out their work effectively

6.3.7 Faculty and Staff recruitment

Recruitment of teaching staff is normally done as per AICTE norms i.e. by inviting applications from eligible candidates either through paper advertisement or directly from identified candidates, screening applications by a committee and through interview by an expert committee for the screened candidates. Newly recruited staff is given orientation for his / her work and that is continuously monitored for their development by the Management and Principal with the coordination of respective HoDs. Performance Appraisals of the employees is done by the immediate Head of the Department & Head of the Institution and is reviewed at the next level of supervision. On satisfactory completion of probation, an employee is considered for confirmation in service.

6.3.8 Industry Interaction / Collaboration

- Active I2I cell for industry to institute interaction
- Industry delegates are invited for seminar, workshops
- Institute organizes alumni meet every year
- The institution has an institute industry interaction cell through the Training and Placement Cell headed by the Training and Placement Officer. They promote industrial training for the students and for the faculty as well. Students are sent for internship programmes for a maximum of four weeks to industries both domestic and abroad for promoting collaboration.
- Hence, the institution creates a tie up and signs MOUs.
- Every academic year it is made sure that the students are taken for industrial visits.
- Both UG and PG students are motivated to undertake their end semester project in the relevant industries of their domain, thus exposing and preparing them to meet the real time requirement in the industry.

6.3.9 Admission of Students

- For undergraduate programs, students are selected on the basis of merit list of common entrance, conducted by the JEE (Main) every year. A minimum mark is specified for qualifying the test and ranks are awarded based on the marks secured. Students exercise their options to select the Institute and branch as per their choice and priority.
- For appearing JEE (Main), a candidate should have cleared or have appeared in class 12 exams with Physics, Mathematics and one of the subjects from Chemistry / Computer Science / Biotechnology / Biology. Engineering Diploma Holders can also appear for the exam. The Minimum % of the qualifying examination is 45% for the above criteria students.
- Admission for M.Tech. is through PGAT (Post Graduate Admission Test) conducted by the OJEE, Govt. of Odisha.

**6.4 Welfare schemes for****Teaching**

- Salary paid on the last day of Every Month
- The college has adopted the Employee Provident Fund Scheme whereby the management contributes its share equal to the share of the employee every month.
- First Aid Unit and Health Check Up by the college
- Annual Sports are organized for the Staff.
- College has a LTC scheme.
- Medi-claim and General Insurance Scheme

Nonteaching

- Salary paid on the last day of Every Month
- The college has adopted the Employee Provident Fund Scheme whereby the management contributes its share equal to the share of the employee every month.
- First Aid Unit and Health Check Up by the college
- Annual Sports are organized for the Staff.
- College has a LTC scheme.
- Medi-claim and General Insurance Scheme

Students

- Tuition Fee Wavier scheme
- Institution Freshship

6.5 Total corpus fund generated

650200/-

6.6 Whether annual financial audit has been doneYes No **6.7 Whether Academic and Administrative Audit (AAA) has been done?**

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Anil Mitra Associates	Yes	Sanath Patnaik (CA)
Administrative	Yes	Anil Mitra Associates	Yes	Sanath Patnaik (CA)

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?**

Though the institute is affiliated to the Biju Pattnaik University of Technology, so the reforms made by the university are being followed by the institution.

- All the class tests and end semester examinations are conducted as per the schedule of the university.
- The class tests answer scripts are manually written, where as the answer scripts of university examination are bar coded.
- The answer scripts of the class tests are evaluated within three days and the same are shown to the students to bring out transparency in the internal examination.
- Re-examination system has been introduced for both non-appearing and poor performing students. It is conducted within 10 days of the respective class tests.

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

NA

6.11 Activities and support from the Alumni Association**Alumni Activities**

- **13th Alumni Meet** was conducted at GIET campus on 17th Jan, 2015 where 47 alumni visited their Alma Mater.
- An alumni meet was organized at Hotel President, Baroda, Gujarat on 6th December 2015 where 47 alumni were visited.

Alumni Interactions

- Md. Ali a 2006 batch alumnus of Dept. of EIE addressed the 6th semester students of Dept. of EIE on PLC, SCADA, DCS and DSP on 17th March, 2015.
- Mr. Shantanu Kumar Pathi, an alumnus of GIET, Gumupur, presently working as an Asst. Manager, Utkal Alumina International Ltd, Tikiri, Rayagada visited the Dept. of Chemical Engineering to motivate the young technocrats. He delivered a talk on “Plant design in Alumina Refinery Industry” as a guest lecturer on 7th March, 2015.
- Mr. Rakesh Ranjan Sahoo, an alumnus of 2013 batch addressed the 5th semester students of Dept. of EEE on PLC, SCADA and Industrial Automation on 14th July, 2015.
- Mr. Ayon Hazra an Agronomist at Jain Irrigation Ltd, an alumnus of 2009-13 batch addressed our pre- final & final year students of bio technology about the importance of Agriculture in modern era and explained the techniques of different types of cultivation. Like- mushroom, strawberry, banana etc.
- Abinash Behera , an alumnus of 2012 batch, presently working as Software Engineer at TCS addressed our Pre Final Year Students of the Dept. of CSE on how to change the caliberity and technical knowledge to cop. with the present market of software industry.
- Mr. Bhairab Ch. Patra, an alumnus of MCA-2013 batch delivered a talk to the 2nd & 3rd semester students of Dept. of MBA and Engg on 06th Nov, 2015. Presently he is working with IIT Delhi as a Trainer.

Alumni Support

Sl.No	Name of the Alumni	Year of Passing	Company arranged
1	MR.JAYANT KUMAR PANDA	2001	GSX, BANGALORE
2	MR.PRIYABRATA MISHRA	2001	WIPRO, BANGALORE
3	MR.RASHMI RANJAN CHOUDHURY	2001	NISSAN, CHENNAI
4	MR.KALINDI SAHU	2001	IGATE, BANGALORE
5	SAIRAM TRIPATHY	2001	IBM
6	ROBIN PRUSTY	2001	ARICENT
7	PRADIPTA KUMAR OJHA	2001	FUJITSU
8	SREEMANTA KUMAR BISWAL	2001	QUICKHEAL
9	MR. AVS PRATAP	2001	Sai Management Solutions
10	LALATENDU PATTANAİK	2002	STEAG



11	MR.SUNIL KUMAR PRUSTY	2002	LANTECH SRIKAKULUM
12	Nikhil Panigrahi	2003	Enmas Andritz Pvt Ltd
13	Pallab Acharya	2003	Siemens
14	BIBHUTI BHUSAN TOSH	2003	NETHAWK
15	SAMBIT KUMAR PRADHAN	2004	DISCOVENTURE
16	MR.S JAGADISH	2004	IBM BANGALORE
17	KINGSUK MITRA	2006	DATAPATTERN
18	MR. SUBHRAJYOTI MOHANTY	2005	JINDAL SAW LTD. MUNDRA, BHUJ
19	MR.ASIT KUMAR PANDA	2006	ENERCON INDIA LTD. MUMBAI
20	MR. BYOMKESH GADA NAYAK	2007	HCL, NEW DELHI
21	TUSAR PAL	2007	NICO JAISWAL LTD. RAIPUR
22	Debasish Sharma	2008	Alembic Pharma
23	MR. SANJAY KUMAR SAHU	2009	WIND WORLD INDIA LTD. MUMBAI
24	BINAY PRADHAN	2010	INFOSYS
25	Arpita Patro	2011	Arpita Patro
26	MR. AYUSH GHOSH	2012	SOURCE EASY, BANGALORE
27	MR. ANKIT KUMAR GUPTA	2013	TECNICS LTD, HYDERABAD

6.12 Activities and support from the Parent – Teacher Association

- Parent feedback
- Parents meet conducted at different places

6.13 Development programmes for support staff

- Industrial training to the support staff
- Skill Development Programme
- Yoga classes

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

- E-Waste Management
- Hazardous waste management
- Green Audit System
- Energy Conservation
- Water harvesting (Recycling)
- Efforts for carbon neutrality
- Plantation
- Uses of renewable energy sources- Solar Panel 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.

- Paperless Office: Group Email services
- More emphasis is given on Research activities and publication of research papers by students in different conferences/seminar/journals.
- Continuous evaluation and regular monitoring and review of performance of teachers based on online feedback system and percentage of pass.
- To make the students practice their courses, tutorial classes are introduced in the curriculum. In these practice classes, students interact with the concerned teacher to make their doubts cleared. For every 20 students, one teacher is allocated as a proctor.
- Remedial classes, tutorial courses to make up for weak and slow learners.
- ICT is employed in teaching-learning process.
- E-learning, NPTEL video lectures and content management system

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

1. Guest Lecturers:

Like previous year, This year also the institute invited renowned professors, scientists and technologist to deliver guest lecturers on topics of strategic importance in order, that concepts are understood in their proper lights.

2. Seminar/Conference

Four Departments of the institutes have organized national seminars/ conference in the last academic session student delegates, renowned professors and technologists from premier industrial and R&D houses attended the conferences. They provided the much needed stimulus furthering debates and discussions on the burning issues of the day. Apart from this the EDP cell, GIET, Gunupur has organized three entrepreneurship awareness program in order to enhance the EDP activities.

3. Short term course/ Workshop

Different departments of the institute conducted a host of short term course and workshops on a regular basic to keep themselves abreast of the recent developments in their respective fields. People having vast experience and expertise in the field have been invited to deliver lectures and give demonstrations on the occasion to ensure that students and faculty members, being enmeshed in theory, are not kept aloof/ detached from the practical world.

4. Upgrade of Library/enhancement of facilities

A new building is constructed for the extension of library with fully air conditioned facility. The number of books are increased to 64281 (previous year 63977), 85 ebooks, 85 Journals (hardcopy), 633 e-journals, 4441 CD and Videos, 45 Magazines and 20 newspapers.

5. Industry to Institute Linkage

The institute has signed MoUs with NALCO, IIT, NITs, NML, British Council etc for collaborative research projects and developments in teaching and learning process.

6. More placement related activities



The training and placement cell has undertaken the following activities to enhance placement prospect for the students.

- Preplacement Training
- Industrial Tours
- Mock Interviews
- Summer training for students

7. Departmental Disciplinary Committee

Apart from central disciplinary committee, departmental DCs have been constituted to look into the problems surfacing at the departmental level. The DCs at the departmental level see to it that problems are amicably settled.

8. Extracurricular activities

The students of the institute have been sent to IITs, NITs, Universities and Deemed Universities for getting exposure through participation in Technical festivals, seminars, conferences, workshops, sports and a host of other competitions.

9. Improvement of University results

To enhance academic performance, the institute has devised a “Zero back log” recipe under which lecturer notes, probable short questions and solved papers of previous year of all subjects are made available in the library so that students can have photocopies for preparing for the examinations. This academic year many students have qualified in GATE. Fifteen students scored above 90 percentile in GATE 2015.

10. New Recruitment:

New faculty members (15) and support staff members (5) have been recruited to impart quality technical education to students with a very high degree of efficiency.

11. Joining of new Principal:

Prof. Dr. M. Muralidhara Rao has joined as the new Principal. Prof. Rao is a very knowledgeable, dynamic, versatile experienced person. Under his able guidance and leadership the institute has taken many steps for further development.

12. Green Energy Building:

Mr. G. R. K. D. Satya Prasad, Associate Professor, EE has been given the charge for green building. In this connection, he has conducted the energy audit and carbon trading for the entire institution.

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

Best practices of the Institute which have contributed to the achievement of the Institutional Objectives and contributed to the Quality improvement of the core activities of the college are:

1. Continuous Monitoring of Academic Activities.
2. Empowerment of Green Energy Practices in GIET Campus (Through Energy Enigma Solutions, GIET)



7.4 Contribution to environmental awareness / protection

➤ **Energy conservation**

- ✓ The Institute class rooms are so airy and well lighted that they hardly need any artificial lighting. Still the institution has done away with the orthodox lighting system and installed tube lights
- ✓ All floors are checked if lights, fans, and ACs are unnecessarily on.
- ✓ Computers, printers, photocopiers etc, which are not in use are shut down at the end of a working day.
- ✓ Electronic equipments and gadgets are switched- off during non-working hours

➤ **Use of renewable energy**

- ✓ There is a plan to install solar based electric devices in the campus

➤ **Efforts for Carbon neutrality**

Campus has a large green coverage which acts as a natural carbon sink. The College at its own level has taken up certain preventive measures to check the emission of carbon Dioxide. It has made arrangements for the parking of the vehicles of the students and staff near the entrance. This helps in keeping the campus as much clean as possible. In order to reduce pollution and unnecessary wastage of vehicle fuel, the College does not allow two wheelers of students in campus. The campus is also smoke free. The dead leaves and waste papers are not allowed to be put on fire. The dead leaves and waste papers are scientifically decomposed off by burying them in the soil by making pit in the adjacent areas. The college has emphasised on paperless office to save carbon emission in printers.

➤ **Plantation**

The college has a serene green campus comprising of a variety of trees and plants. The NSS unit often organizes tree-plantation & maintenance programmes outside the campus. These planted trees are also maintained carefully by the college authorities.

➤ **Hazardous waste management**

Waste chemicals from chemistry laboratory are properly disposed by keeping them separately in protected sheets/bottles. The main hazardous waste is plastic. This waste is minimized at the originating point itself by emphasizing the concept of zero plastic zone. The sanitary napkins, batteries and other hazardous wastes are disposed off. The Institute has tie up with the local Municipality Corporation for the disposal of wastage of different types.

➤ **e-waste management**

Electronic wastes such as discarded computers, refrigerators and other electronic equipments are sold as scrap to local vendors. The non-working computer spare parts and other non-working equipments are safely disposed outside.

➤ **Water harvesting**

Rain water harvesting is done through our NSS unit

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. NIL

8. Plans of institution for next year

- Renewal of NBA accreditation in 2016
- Achieving autonomous status
- Promoting the proctor system
- Construction of Green Building
- MoU with different software and core companies
- Conduct of value added courses
- Inviting Alumni to address to the students
- Conduct of seminars/ workshops
- Development of exploratory projects
- Submission of project proposals to different funding agencies for development of R&D and academic facilities.
- Purchase of new books and software etc.
- R&D on thrust areas
- BEC ventage examination will be conducted for students to help them in enhancing their communication English.
- Fulfilment of social responsibilities through NSS wing.
- Conduct of different activities of ISTE.
- Opening a chapter under Computer Society of India, Institute of Engineers.
- Addition of new laboratories and equipments in the existing labs to make them more sophisticated.
- Encouraging teachers for higher education.
- Effective measures of Swachha Bharat Abhiyan

Name Dr. D. Tapas Dora

Name Dr. M. Muralidhara Rao



Signature of the Coordinator, IQAC



Signature of the Chairperson, IQAC
