



Gandhi Institute of Engineering and Technology

(Autonomous)

At: Gobriguda, Po: Kharling, Gunupur,

Dist: Rayagada, Odisha -765022

Annual Quality Assurance Report

(2017-2018)

Submitted to



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

National Assessment and Accreditation Council

*An autonomous institution of the university Grants Commission
P.O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore-560072 India*

The Annual Quality Assurance Report (AQAR) of the IQAC

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:

Prof. (Dr.) K. Senthil Kumar

Tel. No. with STD Code:

06857 250170

Mobile:

9437044170

Name of the IQAC Co-ordinator:

Dr. Ajit Kumar Senapati

Mobile:

9437783220

IQAC e-mail address:

deanggi@giet.edu , principal@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

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

02/04/2009

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

2017-18

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*)

AQAR of 2017-18 submitted to NAAC on date 24.03.2018.

1.10 Institutional StatusUniversity 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

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and

Community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held: 04

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

Innovative teaching methodology, Outcome Based Education, Effective proctor system and Entrepreneurship

2.14 Significant Activities and contributions made by IQAC

Continuous monitoring and evaluation, research work and effective proctor system, Students Mentoring System, Grievances Redressal System, Anti Ragging Committee, Women Empowerment Cell, and Academic Monitoring Committee are working for welfare and support. Co-curricular and extra-curricular activities like seminars, workshops, technical quizzes, guest lectures, sports and NSS camps are incentivized and conducted for all round development. Academic Audit to ensure the compliance of the teaching and evaluation. Research forums to disseminate the findings of their research to their peer groups. Encourage Faculty Development Programme

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 1 st , 2 nd and 3 rd year students without hampering the regular class work.
Emphasis on value added courses	AUTOCAD , STAADPRO, BIM Technology, NDT TEST, Quantity Surveying , ORACLE, BIG DATA ANALYSTICS USING HADOOP, ADVANCED JAVA, MEAN, Nano Science and polymer Science, BEC, Hands on Practices on HPLC, ECAD, DIALUX, PLC & SCADA, CATIA, PROE, Automobile Engineering , Advanced Welding Technology, Robotics , Optimization Technique, Quality Circle,
Research work	4 Proposal to DST, 2 RPS and 1 MODROB proposals are sent to AICTE And 1 proposal to Institute of Engineer.
Conduct of Conferences	International conference on Advanced Engineering Functional Material, Ideas and Innovation on recent development on chemical Engineering,
Conduct of workshop	Workshop On Concrete Technology, Workshop On Total Station, Workshop On Quantity Surveying And Costing, Workshop On Civil Layout Work, Workshop On Bridge Engineering., Workshop on “Android App Development” Workshop on Internet of Things (IoT) using Raspberry Pi., Workshop – On grid and Off-grid Solar PV design and Simulation, Basics of MATLAB , “ Non Destructive Testing”
Conduct of seminar	Seminar on “Web Security”, Seminar – Role of Electrical Engineers in Smart Cities, Solar On-Grid and Off-grid system design & Simulation, One day Seminar on “Role of Electronics in Mechanical Engineering”
Conduct of FDP	FDP On Application Of Artificial Intelligence, FDP On Road Safety And Its Prevention, Faculty Development Programme On –Soft Skills For Enhancing Teaching/Learning Outcomes, FDP on “Building

	creative thinking in class rooms: From research to practice in technical Institutions.FDP on Intelligent Sensor Network: Research challenges and Opportunities, Green technology in industrial waste minimization, Career Advancement in teaching and Research Methods, Scope of Research in Mechanical Engineering, FDP on Scientific Research-Direction and Probable Sponsorship in India.
Continuous evaluation in the lab	Continuous evaluation of laboratory performance is implemented. Students' lab performance reports are sent to their respective parent.
Training GAP Analysis	The training and gap analysis for the non placed final year students are conducted.

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 the AQAR after a detailed discussion with college authorities and formal sanction was given. They also suggested strengthening the areas of Sponsored Research and consultancy works. AQAR is placed on Institute Website

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

Part – B

Criterion – I

I. Curricular Aspects**1.1 Details about Academic Programmes**

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	--	--	--
PG	06	--	06	--
UG	11	--	11	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	17	--	17	--
Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	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-2*

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

Yes. Due to the autonomous status with effect from august 2017 the syllabus has been revised for all UG and PG courses of the academic year 2017-18 batches. The advanced subjects have been introduced in each of discipline. The new autonomous syllabus is available in our college website i.e. www.giet.edu.

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
280	187	65	28	-

2.2 No. of permanent faculty with Ph.D.

52

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
72	78	24	25	10	20	0	0	106	123

2.4 No. of Guest and Visiting faculty and Temporary faculty

20

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	26	50	6
Presented papers	10	26	1
Resource Persons	1	5	6

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

- Healthy interaction between students and faculty which goes beyond the classrooms; Learning beyond curriculum
- 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.
Besides, all subjects are made as project centric and projects has been divided into following categories:
- CEP Project: Each student is to be a part of “Community education project” in 6th semester. The Project named ‘GIET Community Education Project’ (GIET- CEP) intends to reach to the rural communities through the university outreach programme in the field of education, community development and business incubation. This project will be partnership between GIET and local government/private entities. GIET-CEP wishes with this project to expose the students and faculty members to rural environment, partly to enhance the students understanding of the rural living conditions. They wish to enhance the student’s motivation for service in rural communities after their graduation. The long term presence of the Institution is also intended to benefit the local communities in terms of development of small businesses enterprises and community services.
- IIC Project: [Industry – Institute collaborative]: Industry-Institute collaborative Project as summer internship Project in 7th semester. Visiting Industry faculty has to give the problem statements from their respective industries and project to be implemented in that particular Industry
- Theme Based Project: Entire class will take one concept based idea and try to develop one prototype model with innovative approach. This concept can be applied as MSME proposal and further can be extended as DST level research proposal by PG students.

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)

- Weekly tests (VST) are conducted after two weeks from commencement of classes.
- Question papers of Class test and weekly test are prepared with “course outcomes” mentioned against each question to maintain CO-PO attainment as per NBA requirement.
- Under autonomous batch, end semester answer scripts are bar coded and student photograph is inserted.

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

200

2.10 Average percentage of attendance of students

85%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students	Division				
		Distinction %	I %	II %	III %	Pass %

	appeared					
UG	3122	55.23	67.04	6.28	Nil	73.32
PG	101	52.28	60.07	3.29	Nil	63.36%

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>
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Refresher courses	38
UGC – Faculty Improvement Programme	13
HRD programmes	19
Orientation programmes	48
Faculty exchange programme	3
Staff training conducted by the university	9
Staff training conducted by other institutions	95
Summer / Winter schools, Workshops, etc.	68
Others	10

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	534	70	28	Nil
Technical Staff	71	1	8	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		8	14	10
Outlay in Rs.		33,86,020	142,60,000	226,00,000

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	1	8	11
Outlay in Rs.	-	5,25,000	35,16,000	38,62,000

3.4 Details on research publications

	International	National	Others
Peer Review Journals	72	3	
Non-Peer Review Journals	56	6	
e-Journals	15		
Conference proceedings	23	2	

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	DST	117,00,000/-	31,00,000/-
	3 Years	MINISTRY OF MINES	28,95,000/-	28,95,000/-
Minor Projects	1 Year	MSME	61,91,000/-	10,92,000/-
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	3 year	NALCO	24,92,000/-	24,92,000/-
Projects sponsored by the University/ College	2	GIET	7,00,000/-	7,00,000/-
Students research projects (other than compulsory by the University)	1	GIET and IGBC	5,00,000/-	5,00,000/-
Any other(Specify)	Nil	Nil	Nil	Nil
Total			24478000/-	10779000/-

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, Ministry of Mines and MSME to carry out the project works.

3.9 For colleges

Autonomy ☒ CPE DBT Star Scheme
 INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences Organized by the Institution

Level	International	National	State	University	College
Number	1	05	Nil	Nil	Nil
Sponsoring agencies	Ministry of Mines, SERB, BRNS, ISRO	MSME GIET			

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	02
	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
5		2				3

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: 22

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

- NSS wing organizes monthly blood donation camps out of which two month i.e. February and September mega blood donation camp. Till date 7 times the state government felicitated the NSS wing of GIET Gunupur for its highest volunteer Blood donation on national voluntary Blood donation day i.e. 1st of October. **This year total volunteer blood unit collected is 1240.**
Few Mega Blood donation details are

12th Feb 2018	: 333 units were collected.
15th Sept 2017	: 567 unit were collected.
- On **8th July 2018** in the eve of “VANA MOHATSAV” NSS wing organized a massive plantation camp inside and surrounding the campus where 145 volunteers participated and approx. 500 trees are planted.

- NSS wing has its own initiative called “SWADHAN” where the student volunteers collect the old & unused cloths from students and staff, in a regular interval they distribute the cloths to the needy people.

3rd May 2017 : SWADHAN camp organized at Karlaghati for the fire sufferers.

12th January 2017: SWADHAN camp inside campus to distribute sarees to the female workers on the eve of Vivekananda Jayanti.

- The annual techno social magazine “PRAYAS 6” has been unveiled on 18th Feb 2018 by the Chief Guest Dr. Prof. Rajendra Prasad Das, Vice Chancellor, Berhampur University amidst the presence of Dr. Satya Prakash Panda Chairman GGI, Dr. K. Senthil Kumar Principle, Dr. S. S. Nanda Dean (agriculture). This magazine reflects the journey of GIET in the techno social world of Gunupur. The magazine contains the articles, achievements and details of all camp conducted during 2017 – 2018.

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	02	Trust Fund	101
Seminar Halls	07	01	Trust Fund	08
No. of important equipments purchased (\geq 1.0 Lakh) during the current year.	68	6	Trust Fund, Consultancy, DST&AICTE	74
Value of the equipment purchased during the year	Rs.17853168	Rs.3838403	Trust Fund, Consultancy, DST&AICTE	Rs.21691571
Others				

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 (Rs.)	No.	Value(Rs.)	No.	Value(Rs.)
Text Books	56731	11857910	18	9929	56749	11867839
Reference Books	9993	2085392	53	29234	10046	2114626
Journals	85	266750		79	277033	
e-Journals	655	1992637		655	2027417	
Digital Database	5	1992637		5	2027417	
CD & Video	4441	155435		-	-	
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet (mbps)	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	844	13	200	02	Nil	1	Nil	
Added	95	Nil	140	Nil	Nil	Nil	Nil	
Total	939	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	Rs. 7,00,000/-
ii) Campus Infrastructure and facilities	Rs. 4,25,436/-
iii) Equipments	Rs. 5,64, 823/-
iv) Others	Rs.10,14,968/-
Total:	Rs. 27,05, 227/-

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 counselling cell are also focused on.

5.2 Efforts made by the institution for tracking the progression

- Online attendance system
- online SMS to parent
- Alumni database has been initiated to capture the relevant information

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2794	99	Nil	Nil

(b) No. of students outside the state

1233

(c) No. of international students

29

	No	%		No	%
Men	2459	85	Women	434	15

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1538	200	140	916	NIL	2794	1495	190	134	895	NIL	2714

Demand ratio: 0.63

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	40	CAT	<input type="text"/>
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

2893

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
90	953	673	71

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

2543

National level

Nil

International level

Nil

No. of students participated in cultural events

State/ University level

225

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

850

National level

Nil

International level

Nil

Cultural: State/ University level

80

National level

Nil

International level

Nil

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	40	4,00,000/-
Financial support from government	475	1,70,19,310/-
Financial support from other sources	1	36,000/-
Number of students who received International/ National recognitions	24	5,90,000/-

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 globally.

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 Freeship

6.5 Total corpus fund generated

100, 00,000/-

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	Anil Mihir & Associates	Yes	Sanath Patnaik (CA)
Administrative	Yes	Anil Mihir & 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?

Autonomous has been conferred by BPUT vide letter No-BPUT/22682,Dt-August12,2017.

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

- Alumni Reunion Meet (1997-2001) of 1st batch was conducted at GIET campus on 24th & 25th Dec, 2017 where 40 along with family visited their Alma Mater.

Alumni Interactions

- Mr. Manoj ku.Yadav, 2006 batch alumni of Dept, of ECE Presently working as Sr.Engineer at UNITED TELECOM .LTD, Kathmandu addressed the 8th semester students of Dept.of ECE on 10th Feb. 2017.
- Mr. Abhinash Mahanta,2010 batch alumni of Dept.of Mechanical, presently working as an Asst. Manager, ESSAR STEEL LTD,Keonjhar visited the Dept.of Mechanical to motivate the young technocrats.on 04.8.2017.
- Ms. Mukul Bastia,2010 batch an alumni of Bio-Tech, presently working as a Asst.Manager (HR) at SBIGOT SOFTWARE PVT LTD, Bangalore addressed the 5th & 6th semester students of Dept. of BT on 16.8.2017
- Mr.Rajwardhan Sharma,2013 batch an alumni of Bio-Tech Dept. presently working as a Quality Supevisor(Producation) at BLOSSOM BREWERY PVT.LTD,MYSURU addressed our 3RD & 4TH yr students of bio technology on 9.12.2017
- Mr. Anup Ku.Bisoyi,2008 batch an alumni of E&I Dept.presently working as a Apps system Engineer at WELLS FORGO LTD, Bangalore addressed 3rd & 4th yr students of E&I on 14.12.2017.
- Ms. SWARNA SURBHI,2016 batch an alumni of CSE Dept.presently working as a Software Developer at Huawei Technologies India Pvt. Ltd, Bangalore addressed pre final yr.students of CSE on 16.10.2017

- Mr. Tophan Dash, working as System Engineer(TCS), Ms. Rinkle Baral working as a software developer (Tech Mahindra), Ms. Upsana Mishra working as a software engineer (Accenture), 2015 batch alumni of ECE Dept. addressed the Final yr students of ECE Dept. on 19.01.2018

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 PATTANAIK	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	MRS. 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. 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.

5. 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

6. 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.

7. 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.

8. 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.

9. New Recruitment:

New faculty members (25) and support staff members (30) have been recruited to impart quality technical education to students with a very high degree of efficiency.

10. Joining of new Principal:

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

11. 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

☐

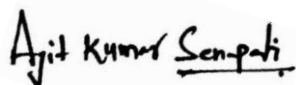
7.6 Any other relevant information the institution wishes to add. NIL

8. Plans of institution for next year

- Renewal of NBA accreditation in 2018
- Achieving university status
- Promoting the proctor system
- Construction of Green Building
- MOU with different software and core companies
- Conduct of more 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 vantage 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. Ajit Kumar Senapati



Signature of the Coordinator, IQAC

Name Prof. (Dr.) K. Senthil Kumar



Signature of the Chairperson, IQAC

Annexure -1

Academic Calendar

GANDHI INSTITUTE OF ENGINEERING & TECHNOLOGY, GUNUPUR
ACADEMIC SCHEDULE FOR FIRST SEMESTER & SECOND SEMESTER : 2017-18
ACADEMIC CALENDAR (AUTONOMOUS)

SL NO.	EVENT	1st SEM B.TECH	2nd SEM B.TECH
1	Commencement of Classes	28.07.2017(1st Phase) 04.08.17(2nd Phase) 11.08.17(3rd Phase) 18.08.17(4th Phase)	04.01.2018
2	Registration	NA	04.01.2018 to 06.01.2018
3	Registration with late fine of Rs. 500/-	NA	07.01.2018 to 14.01.2018
4	Registration with late fine of Rs. 1000/-	NA	15.01.2018 to 21.01.2018
5	1st Mid Semester (Two exams per day)	17.09.2017 to 19.09.2017	12.02.2018 to 14.02.2018
6	Publication/ Circulation of 1st Mid Semester Result in the Class Room	24.09.2017	19.02.2018
7	Sending of Mid-I marks to Parents	25.09.2017	20.02.2018
8	2nd Mid Semester (Two exams per day)	30.11.2017 to 02.12.2017	26.04.2018 to 28.04.2018
9	Sending of Mid-II marks to parents	06.12.2017	03.05.2018
10	Lab/ Project Viva-voce	04.12.2017 to 06.12.2017	30.04.2018 to 02.05.2018
11	Closing date of instruction	02.12.2017	28.04.2018
12	Form fill up	08.12.2017	05.05.2018
13	Final sending of Lab/ Internal Marks to Exam Section	11.12.2017	08.05.2018
14	Semester Examination	12.12.2017 to 23.12.2017	07.05.2018 to 18.05.2018
15	Semester Break (Winter break / Summer break)	24.12.2017 to 03.01.2018	19.05.2018 to 01.07.2018
16	Publication of End Semester Results	03.01.2018	28.05.2018

- 1) Surprise exam for 25 marks / 45 minutes to be conducted and results to be announced on the same / next day. } 15 days from commencement of classes.
- 2) Spoken English Assessment Test to be completed by. }
- 3) Regrouping of sections based on the above results and holding of 2 hours classes for difficult subjects for slow learners groups.
- 4) Student feedback about faculties should be taken by HR dept. after 20 days of commencement of classes by the old method.
- 5) Repeat feedback shall be taken done 7 days before closing of the classes.

M. G. Das
 24/12/17
Dean Administration
 GGI, Gunupur

Dr. J. K. Das
 24/12/17
Principal
 GGI, Gunupur

**BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA
ROURKELA**



**ACADEMIC CALENDAR
FOR THE SESSION 2017-18**

ODD Semester Activities	1st	3rd	5th	7th
Starting Date of instruction	01-08-2017	03-07-2017	03-07-2017	03-07-2017
Registration without fine	01-08-2017 - 21-08-2017	03-07-2017 - 10-07-2017	03-07-2017 - 10-07-2017	03-07-2017 - 10-07-2017
Registration (Fine of ₹ 500/-)	NA	11-07-2017 - 18-07-2017	11-07-2017 - 18-07-2017	11-07-2017 - 18-07-2017
Registration (Fine of ₹ 1,000/-)	NA	19-07-2017 - 26-07-2017	19-07-2017 - 26-07-2017	19-07-2017 - 26-07-2017
Backlog Registration	NA	16-08-2017 - 21-08-2017	16-08-2017 - 21-08-2017	16-08-2017 - 21-08-2017
Class Test - I	20-09-2017 - 26-09-2017	22-08-2017 - 28-08-2017	22-08-2017 - 28-08-2017	22-08-2017 - 28-08-2017
Display of Internal marks	07-10-2017 - 08-10-2017	04-09-2017 - 05-09-2017	04-09-2017 - 05-09-2017	04-09-2017 - 05-09-2017
On-line sending of marks	10-10-2017 - 14-10-2017	07-09-2017 - 12-09-2017	07-09-2017 - 12-09-2017	07-09-2017 - 12-09-2017
Class Test - II	29-11-2017 - 06-12-2017	10-10-2017 - 14-10-2017	10-10-2017 - 14-10-2017	10-10-2017 - 14-10-2017
Display of Internal marks	07-12-2017 - 08-12-2017	17-10-2017 - 18-10-2017	17-10-2017 - 18-10-2017	17-10-2017 - 18-10-2017
Closing date of instruction	08-12-2017	18-10-2017	18-10-2017	18-10-2017
On-line sending of marks	09-12-2017 - 11-12-2017	21-10-2017 - 24-10-2017	21-10-2017 - 24-10-2017	21-10-2017 - 24-10-2017
End Semester Examinations	13-12-2017 - 22-12-2017	30-10-2017 - 17-11-2017	30-10-2017 - 17-11-2017	30-10-2017 - 17-11-2017
Students' Training	-	18-11-2017 - 22-11-2017	18-11-2017 - 22-11-2017	18-11-2017 - 22-11-2017
Semester Break	23-12-2017 - 01-01-2018	23-11-2017 - 03-12-2017	23-11-2017 - 03-12-2017	23-11-2017 - 03-12-2017
Sports Meet	26-12-2017 - 28-12-2017	26-12-2017 - 28-12-2017	26-12-2017 - 28-12-2017	26-12-2017 - 28-12-2017
Publication of Results	18-02-2018	18-02-2018	06-02-2018	24-01-2018
EVEN Semester Activities	2nd	4th	6th	8th
Starting Date of instruction	02-01-2018	04-12-2017	04-12-2017	04-12-2017
Registration without fine	02-01-2018 - 09-01-2018	04-12-2017 - 12-12-2017	04-12-2017 - 12-12-2017	04-12-2017 - 12-12-2017
Registration (Fine of ₹ 500/-)	10-01-2018 - 17-01-2018	13-12-2017 - 20-12-2017	13-12-2017 - 20-12-2017	13-12-2017 - 20-12-2017
Registration (Fine of ₹ 1,000/-)	18-01-2018 - 29-01-2018	21-12-2017 - 28-12-2017	21-12-2017 - 28-12-2017	21-12-2017 - 28-12-2017
Class Test - I	06-02-2018 - 13-02-2018	10-01-2018 - 18-01-2018	10-01-2018 - 18-01-2018	10-01-2018 - 18-01-2018
Display of Internal marks	16-02-2018 - 19-02-2018	22-01-2018 - 25-01-2018	22-01-2018 - 25-01-2018	22-01-2018 - 25-01-2018
On-line sending of marks	20-02-2018 - 24-02-2018	25-01-2018 - 31-01-2018	25-01-2018 - 31-01-2018	25-01-2018 - 31-01-2018
Backlog Registration	12-03-2018 - 15-03-2018	20-02-2018 - 23-02-2018	20-02-2018 - 23-02-2018	20-02-2018 - 23-02-2018
Class Test - II	05-04-2018 - 11-04-2018	24-02-2018 - 28-02-2018	24-02-2018 - 28-02-2018	24-02-2018 - 28-02-2018
Display of Internal marks	13-04-2018 - 16-04-2018	02-03-2018 - 05-03-2018	02-03-2018 - 05-03-2018	02-03-2018 - 05-03-2018
On-line sending of marks	18-04-2018 - 25-04-2018	06-03-2018 - 12-03-2018	06-03-2018 - 12-03-2018	06-03-2018 - 12-03-2018
Closing date of instruction	27-04-2018	22-03-2018	22-03-2018	22-03-2018
End Semester Examinations	07-05-2018 - 27-05-2018	27-03-2018 - 17-04-2018	27-03-2018 - 17-04-2018	27-03-2018 - 17-04-2018
Students' Training	-	18-04-2018 - 22-04-2018	18-04-2018 - 22-04-2018	
Semester Break (for students)	28-05-2018 - 30-06-2018	23-04-2018 - 30-06-2018	23-04-2018 - 30-06-2018	
Publication of Results	30-06-2018	30-06-2018	30-06-2018	31-05-2018

By Order of Hon'ble Vice-Chancellor

sd/-
Director, Curriculum Development

Annexure -2

Gandhi Institute of Engineering & Technology, (Autonomous)

ALUMNI FEED BACK FORM

We shall be thankful to and appreciate you, if you can spare some of your valuable time to fill up this feedback form and give us your valuable suggestion for further improvement of the Institution programme. Your valuable input will be of great use to improve the quality of our academic program and enhance the credibility of the Institute.

Yours Truly,
PRINCIPAL

Name of the Alumni:	Roll No:
Programme:	Dept.:
Year of Graduation	
Name of the Organization where you are working	
Designation	

Please give your overall assessment of the Institute academics. Please rate us on

1. Very Good (VG)
2. Good (G)
3. Fair (F)
4. Satisfactory (S)
5. Unsatisfactory (UN)
6. Not applicable (NA)

S. N.	Details	Graduate Attributes	Program Outcome	Assessment				
				VG	G	F	S	UN
1	Environment	NA						
2	Infrastructure	Modern Tool Usage	PO 5					
3	Lab facilities	Modern Tool usage	PO 5					
4	Faculty	i) Engineering knowledge ii) Ethics iii) Communication	PO1, PO8, PO10					
5	Project Guidance Other Co-Curricular activities	i) Engineering Knowledge ii) Problem Analysis iii) Design / Development of Solutions iv) Solving complex problems v) Engineer & Society iv) Modern Tool usage v) Individual & Team Work vi) Communication	PO1, PO2, PO3 PO4 PO5, PO6 PO9, PO10					
6	Environment and	i) Environment and	PO 7					

	sustainability related programs	sustainability:						
7	Quality of Support Material	NA	NA					
8	Training and placement	i) Individual & Team Work ii) Communication	PO 9 PO 10					
9	Library facilities	NA	NA					
10	Canteen facilities	NA	NA					
11	Hostel facilities	NA	PO 9					
12	Overall rating of the Department	NA	NA					
13	Overall rating of the College	NA	NA					
14	Alumni Association / Networking of old friends	NA	NA					

Your suggestions

1. Relevance of curriculum in your job.
2. Need any change in curriculum and syllabi.
3. Improvement in Teaching Learning process.
4. Have you learned the basic concepts through your projects?
5. Any other suggestions / Comments.

NAME & SIGNATURE

Gandhi Institute of Engineering and Technology (Autonomous)

Parent Feedback Form

Dear Sri/Smt. _____

We request you to assist us by answering a few questions listed below in connection with our services to your son /daughter /ward studying in our institute. Your feedback would be invaluable to us in improving our teaching processes to serve the needs of our students better.

Name of the student : _____

Class : _____

BPUT Regn.No. : _____

Please tick the appropriate ratings :						
1 = Poor, 2 = Less than satisfactory, 3 = Satisfactory, 4 = Very good , 5 = Excellent						
		1	2	3	4	5
1	How happy are you with the performance of the student?					
2	Improvement in the student's personality as compared to the same at the time of joining the institute?					
3	Improvement in the student's communication skills as compared to the same at the time of joining institute?					
4	How well did we do in transforming the student into a good and responsible citizen?					
5	Feedback received by you from the student with regard to teaching.					
6	Feedback received by you from the student with regard to extra-curricular activities.					
7	Feedback received by you from the student with regard to laboratory facilities.					
8	Feedback received by you from the student with regard to computer facilities.					
9	Feedback received by you from the student with regard to general infrastructural facilities.					
10	Feedback received by you from the student with regard to hostel facilities (only if applicable).					
11	Feedback received by you from the student with regard to the student's ability to cope with other students.					
12	Feedback received by you from the student with regard to the administration of the institute.					
13	Given the circumstances under which you admitted the student in the institute, your level of satisfaction in realizing your objectives.					
14	How strongly would you consider this institute for admitting another student, if you have to?					
		For office use only: Overall average:				

Name & dated Signature

Gandhi Institute of Engineering & Technology, (Autonomous)

SURVEY QUESTIONNAIRE TO EMPLOYER

Sir,

Our Institute is falling in line with outcome based education in continuity with the international practices (as per Washington Accord). The assessment of the outcome has to be through a survey (such as Graduate survey, Alumni survey, parent feedback, employer survey etc.). The following questions need your valued consideration. Please find some time and send in your answers to the following questions. This report will be kept confidential.

Yours Truly,

PRINCIPAL

Company Name :		
Mailing Address :		
City	State	Pin code
Employment details	year	Mobile and E-mail

Survey questionnaire to employer

S. N.	Questions	Graduate attributes	POs	Excellent	Very Good	Good	Satisfactory	Poor
				[5]	[4]	[3]	[2]	[1]
1	Your views on strengths of our graduates?	i) Engineering Knowledge ii) Ethics iii) Individual & Team Work iv) Communication v) Project Management & Finance vi) Life Long Learning	PO1 PO8 PO9 PO10 PO11 PO12					
2	How did you find our student in applying the knowledge of maths, science in the solution of complying engineering problems?	i) Engineering Knowledge ii) Design & Development of solution iii) Conduct Investigations of complex problems iv) Modern tool usage v) The engineer & Society	PO1 PO3 PO4 PO5 PO6					
3	How you found	i) Problem Analysis	PO2					

	our student with respect to technical skills?	ii) Design & Development of solution iii) conduct Investigations of complex problems	PO3 PO4					
4	How you rate our student with respect to their ethical and moral values?	Ethics	PO8					
5	How you rate our students with respect to work?	Individual & Team Work	PO9					
6	How you find our curriculum with respect to industry?	Life Long Learning	PO12					
7	How you rate our student with respect to communication skills?	Communication	PO10					
8	How you rate our student with respect to being open to new ideas and learning new technologies	Lifelong learning	PO12					
9	How do you rate our student with respect overall performance in terms of percentage contribution to your organization?	Adheres to all 12 Graduate Attributes	PO 1 to PO12					
10	Were you happy with the support you received from the college during placement drive?	NA	NA					

NA: NOT APPLICABLE

List of PEO's and POs is appended for your reference

Your detailed comments on our graduate employee

Gandhi Institute of Engineering & Technology (Autonomous)

Gunupur-765 022

Student EXIT Survey Form

Name of the Department: _____

Personal Details

Name: _____

Branch: _____

College Roll No _____ Regd. No: _____

Email ID _____

Self-Mobile No : _____

Fathers Mobile No: _____

Mothers Mobile No: _____

Home Land Line No: _____

Permanent Address

C/o _____

At: _____ Po: _____

Via: _____ Dist.: _____

State: _____ Pin: _____

Parent Email ID: _____

Present Address

C/o _____

At: _____ Po: _____

Via: _____ Dist.: _____

State: _____ Pin: _____

Phone Number: _____

S.N.	Program Outcomes	Excellent	Very Good	Good	Satisfactory	Poor	PO
		(5)	(4)	(3)	(2)	(1)	
1	Infrastructural facilities such as Library, Laboratories, Class rooms, workshops						
2	How was encouragement for students participation in various co-curricular activities (seminars, conferences, guest lecturers etc.,)						
3	How is quality of academic resources – say teaching faculty, course material, guiding projects etc.,						
4	Canteen, Hostel and other campus facilities.						
5	How was encouragement towards extracurricular activities						

6	How about mentoring facility						
7	Are you placed in the Campus?	YES/NO if Your answer is yes mention the name of the company:					
8	If going for Higher Studies, give details?						
9	Want to be Proud Alumnus?	Yes / No :					
10	Your suggestions for betterment:						

Signature of the Student