



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution		GIET Engineering college
• Name of the Head of the institution		Dr. T. Vamsi Kiran
• Designation		Principal
• Does the institution function from its own campus?		Yes
• Phone no./Alternate phone no.		9652929111
• Mobile no		8297311119
• Registered e-mail		principalgec@giet.ac.in
• Alternate e-mail		principal_t9@yahoo.co.in
• Address		NH-16, Chaitanya knowledge city
• City/Town		RAJAMAHENDRAVARAM
• State/UT		Andhra Pradesh
• Pin Code		533296
2.Institutional status		
• Affiliated /Constituent		JNTUK
• Type of Institution		Co-education
• Location		Rural
• Financial Status		Self-financing

• Name of the Affiliating University	JNTUK												
• Name of the IQAC Coordinator	Dr.K.V.R SRINIVAS												
• Phone No.	9848404591												
• Alternate phone No.	9652929111												
• Mobile	8297311119												
• IQAC e-mail address	iqac.gec@giet.ac.in												
• Alternate Email address	principalgec@yahoo.co.in												
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.gietec.ac.in/files/ugd/7d457c_056510551c2b437982fb72c2771a0608.pdf												
4.Whether Academic Calendar prepared during the year?	Yes												
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.gietec.ac.in/academic-calendars												
5.Accreditation Details													
<table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>B</td> <td>2.78</td> <td>2017</td> <td>27/11/2017</td> <td>26/11/2022</td> </tr> </tbody> </table>	Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	B	2.78	2017	27/11/2017	26/11/2022	
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to								
Cycle 1	B	2.78	2017	27/11/2017	26/11/2022								
6.Date of Establishment of IQAC	23/06/2016												
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,													
<table border="1"> <thead> <tr> <th>Institutional/Department /Faculty</th> <th>Scheme</th> <th>Funding Agency</th> <th>Year of award with duration</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Nil</td> <td>Nil</td> <td>Nil</td> <td>Nil</td> <td>Nil</td> </tr> </tbody> </table>	Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	Nil	Nil	Nil	Nil	Nil			
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount									
Nil	Nil	Nil	Nil	Nil									
8.Whether composition of IQAC as per latest NAAC guidelines	Yes												
• Upload latest notification of formation of IQAC	View File												
9.No. of IQAC meetings held during the year	04												

<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Nil	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
1. Conducted meetings to improve the quality of the institution in all aspects. 2. Conducted parent-teacher interactions frequently. 3. Feedback taken from parents is used to improve the standards 4. Feedback from students to improve the quality of education 5. Encouraging the faculty to improve their area of research.		
12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		
Plan of Action	Achievements/Outcomes	
Formation of IQAC to renovation the standards of the Institution.	IQAC Formed	
Orientation program for the first year students	Increases the awareness towards the engineering studies in the student point-of-view	
Conducting the remedial classes for slow learners	Result improved	
To conduct the FDP's for the Teaching and non-teaching staff	Faculty and non-teaching staff gets benefitted to-wards their academic and administration	
13. Whether the AQAR was placed before statutory body?	Yes	
<ul style="list-style-type: none"> Name of the statutory body 		

Name	Date of meeting(s)
College Academic Council	01/04/2023

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022	31/01/2022

15. Multidisciplinary / interdisciplinary

The main goal of the National Educational Policy (NEP-2020) for higher education is to transform higher education institutions, such as colleges and universities, into comprehensive, interdisciplinary Knowledge Hubs in order to end the fragmentation of higher education. The aim of GIET Engineering College is to be accredited by the National Assessment Accreditation Board (NAAC) with a good rating and to strive for autonomy. Once it has achieved autonomous status, the institution will be able to set its own curriculum and offer multidisciplinary programs. GIET ENGINEERING COLLEGE's aim in the coming years is to orderly become an university. In line with its commitment to holistic and multidisciplinary education, GIET Engineering College has introduced a value-based course on universal human values for B.Tech and MBA as well as life skills and yoga sessions for all female students on campus, both in-person and online. Furthermore, our students participate in community outreach initiatives such as organizing health clinics, blood donation camps, and counseling. Bringing together a group of higher education institutions under the GIET Engineering College umbrella will make it easier to coordinate the implementation of various academic and other important initiatives. Leadership and effective governance are important for the successful management of a Higher Education Institution.

A) GIET Engineering College is a privately funded higher education institution affiliated with JNTUK in Kakinada. Institute supports affiliating university in terms of curriculum delivery and exams. The Institute is aspiring to gain autonomy and pursue innovation and excellence through accreditation.

B) The strategic development plan of GIET Engineering College is in line with the goals and objectives of the National Educational Policy (NEP).

16. Academic bank of credits (ABC):

According to the National Educational Policy (NEP) of 2020, academic bank credits are an important aspect that higher education institutions must adopt. It is essential and urgent for higher education institutions to integrate into the globalized world as we move forward. When JNTUK Kakinada implements academic bank credits for credit redemption in order to award degrees or diplomas, GIET Engineering College will also adopt this practice.

17.Skill development:

According to the 12th five-year plan, only 5% of Indian workers in the 19-24 age range received formal technical education compared to other countries. Improving technical education in India is vital for increasing skill development. The National Educational Policy (NEP) of 2020 anticipates a significant boost in skill development in the country through technical education. Higher education institutions are expected to include technical education in their curricula. Over the coming years, technical education will be integrated into schools and universities.

GIET ENGINEERING COLLEGE has a specific plan to empower young women and meet the demand for engineering, which includes:

- Plan for empowering young women and meeting the demand for engineering includes defining a list of technical courses/skill-based courses and designing a curriculum that integrates technical education with engineering education, with a focus on social inclusion and inclusive education.
- To develop workplace-related skills and attitudes, GIET ENGINEERING COLLEGE will provide internships and on-the-job training. In addition, the institution will focus on incorporating good practices and innovations in teaching and learning and facilitate the horizontal mobility of technical students.
- GIET ENGINEERING COLLEGE will also collaborate with industries to provide practical skills and hands-on experience and design industry-relevant courses.
- The institution will promote online and open technical education, and introduce new learning methods and digital tools, such as Massive Open Online Courses (MOOCs) and flipped classrooms, to train and empower teachers.
- GIET ENGINEERING COLLEGE will also develop and implement a holistic assessment and evaluation system, and measure the achievements of learning outcomes through various tools and methods as defined by the outcome-based education system for a 360-degree assessment and evaluation of students.

- GIET ENGINEERING COLLEGE values the equal dignity of all people, including those pursuing technical courses, and aims to contribute to the development of a country's workforce.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The promotion of Indian arts and culture not only benefits the country but also individuals. Engineering is a professional field, and all engineering programs at GIET ENGINEERING COLLEGE include coursework in English, which is used as the medium of communication. However, the institution also celebrates significant dates and hosts activities in regional languages to engage students and instill a sense of regional pride. For example, on occasions such as Republic Day and Independence Day, students are addressed in their native languages. Engineers' Day and Teacher's Day are also important days for the institution. In addition, cultural events are held to celebrate Women's Day and Telugu New Year's Day. The institution also promotes awareness of Indian national and regional languages and the culture associated with them through celebrations such as Sankranti Sambaralu and Vinayaka Chavithi. GIET ENGINEERING COLLEGE also showcases its regional culture through a traditional Kuchipudi and Bharathanatyam induction/orientation program for young women. National commemorative days, such as Constitution Day and Yoga Day, are also observed.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

GIET Engineering College has adopted an outcome-based education system in accordance with the National Board of Accreditation standards. To measure the outcomes, we use Course Outcomes (COs), Program Outcomes (PO) and Program Specific Outcomes (PSO). Our innovative curriculum includes credit-based courses and projects focusing on community participation and service, environmental education, and value-based education.

GIET Engineering College follows the JNTUK University, Kakinada syllabus and includes lab exercises and mini-projects with a focus on community engagement. At the II B.Tech I Semester level, students are introduced to the value-based education course Professional Ethics & Human Values. Environmental Sciences is a course that covers all aspects of environmental sustainability. GIET Engineering College also has various community outreach initiatives, such as the Student Club and NSS, which provide extension activities to the community.

20.Distance education/online education:

Due to affiliating university rules and government regulations, distance education is not feasible for GIET Engineering College. However, during the pandemic, the institution has been able to successfully conduct theory and practical courses in a hybrid format, following government and university guidelines. In accordance with the National Education Policy, GIET Engineering College is developing a plan to engage stakeholders in online education.

Extended Profile

1.Programme

1.1	301
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	914
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	198
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	244
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic	
3.1 Number of full time teachers during the year	75
File Description	Documents
Data Template	View File
3.2 Number of sanctioned posts during the year	74
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	27
4.2 Total expenditure excluding salary during the year (INR in lakhs)	00
4.3 Total number of computers on campus for academic purposes	390

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The programs are offered at GIET Engineering college, affiliated with Jawaharlal Nehru Technological University, Kakinada and our college follows the Academic Calendar issued by Jawaharlal Nehru Technological University, Kakinada. The Principal, Heads of the departments, and Time table co-ordinators prepare a timetable draft including theory, practicals, soft skills, campus recruitment training classes, and co-curricular activities like sports, which enhance students' academic excellence as well as personality development.

The College academic committee which consists of the Principal and Heads of the department going to implement an action plan for the successful delivery of the curriculum, to implement this curriculum the heads of the departments conduct frequent meetings in their respective departments, to develop and ensure the quality of the teaching and learning process.

The College academic committee invites proposals from the departments for various skill development course schedules and certificate or add-on programs in the curriculum to enhance the overall development of the students.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

GIET Engineering college follows the prescribed curriculum of Jawaharlal Nehru Technological University-Kakinada. For the direct and successful conduction of the course, we create a lesson plan and pursue the objectives and outcomes of the course for every semester in the UG and PG programs. Assignments and online quiz exams are conducted to enhance the student's knowledge.

Courses are assigned to Faculty members by the Head of the Department and Principal based on their areas of expertise and subject preferences. The faculty strictly adheres to the academic calendar to prepare the course files which includes the vision, mission, timetable, lesson plan, course outcomes, teaching notes, previous question papers, and previous performances.

The total duration of each Semester includes registration, instructions, continuous internal evaluation, and semester-end evaluation. Internal assessment can be done by conducting internal examinations based on the academic calendar and the timetable for conducting examinations given by the University and the internal examinations-related activities like evaluation of answer scripts, posting of marks in the portal, and display of marks in the notice board for the students is undertaken in a systematic manner. The external assessment is based on the semester-end examinations conducted by the university.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

07

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

17

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

701

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The institute integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment, and Sustainability into the curriculum and conducts various Orientation/awareness programs on gender sensitivity, soft skills, career guidance, women empowerment, etc.

In order to integrate the crosscutting issues relevant to environment and sustainability, human values, and professional ethics, University has included different types of courses in the curriculum such as Intellectual Property Rights and Patents, Professional Ethics, and Human Values to develop awareness among students about environment and Sustainability.

Environment studies in engineering programs cover various areas of sustainability and Environmental issues. The Environment has a significant impact on human health and well-being. Professional

ethics and human values course provide essential inputs to students in order to instill human values and help them grow into responsible citizens with good personalities.

The above courses offered in the curriculum by the university help the students to practice the values, follow the code of conduct, understand the environmental challenges, and strive for creating a better world for tomorrow.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

06

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

311

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students
Teachers
Employers
Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

220

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

219

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institution will assess the learning levels of students before starting the teaching-learning process. After admission to GIET Engineering College, students are classified based on their qualifying examination and the Selection exam called the EAMCET and marked procured in intermediate/+2, as Advanced and Slow learners. Student learning abilities are evaluated in subsequent semesters through midterms, assignments, class interaction and mentoring through regular observation in the following areas:

- Students' confidence level in achieving their goals.
- The self-sufficient ability of the student in doing various activities.
- Optimism (hopefulness and confidence) of the student.
- Student leadership qualities and active participation in various activities.
- Student's performance in theory and laboratory sessions.
- Knowledge of the student in doing technical and non-technical projects.
- Student's plan of action in achieving ambition.
- Student's Email etiquette and Presentation skills in giving seminars.
- Participation of the student in curricular, extra-curricular

and Research oriented activities.

- Consistent performance of the student in achieving overall performance in semester exams

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
914	75

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Students at the GIET Engineering College benefit from student-centric methods as they become more independent and self-motivated, and their learning becomes more enjoyable and efficient. The institution strives to help students build lifelong learning skills by focusing on student-centric education rather than teacher-centric methods.

Students learning experiences are enhanced by faculty members' consideration of student-centric learning methods during course plan development. By practising, doing experiments, planning and developing projects, etc, one can improve understanding, communication skills, problem-solving skills and listening skills. Faculty members work more diligently to make learning interactive by adopting the below-mentioned student-centric methods.

Various Activity-based techniques adopted by the faculty members are listed below:

Experiential Learning:

To enhance the creativity and cognitive ability of the students,

GIET Engineering College applies the following experiential learning practices.

- Advanced experiments in the laboratory sessions
- Extensive knowledge of market trends through internships
- Add-on Courses on the latest technologies
- Project development

Participatory Learning:

- Group Discussion, Debate, Role Play, Quiz
- Technical Seminar Presentation
- NPTEL certification course

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

With the rapid development of computer technologies, the ways of living, working, and learning of people have changed. Learning through technology has become a valuable learning method in today's society. ICT technologies are essential for teachers to make students experience a new approach to learning. Therefore, ICT-enabled technologies have become an important consideration in the process of curriculum implementation at the GIET Engineering College.

Learning Management System (LMS) & E-Learning Resources

- Information & Communications Technology (ICT) enabled teaching methodologies and the faculty members in classrooms are following advanced technology.
- The academic plan with budget, lesson plan, lab manuals and question banks with solutions are made available at the very beginning of the semester. Called It an Academic book for each semester.
- The use of multimedia teaching aids like LCD projectors, and classrooms with internet-enabled computer/laptops/tablet systems are usually in use in the classroom.
- These courses are part of LMS.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

70

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

75

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

07

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

367

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

There are various strategies to meet the evaluation methods, we are strictly adhering to JNTUK university norms and conditions for internal evaluation. There are various time slots allocated to conduct descriptive and online tests (Quizzes) for each and every department. Based on the University academic schedule, each faculty prepares the internal examination and the assignments considering the entire coverage of the Cos and also the taxonomy as appropriate. While preparing the assignment questions, faculty will try to cover all the possible taxonomies to the maximum extent.

Two Mid Examinations are conducted for students as per university norms in each semester final Mid marks = (Best of (Mid-1/Mid-2) marks x 0.8 + Least of (Mid-1/Mid-2) marks x 0.2) Each faculty prepares the scheme of evaluation and evaluates the student answer scripts as per the scheme. The answer scripts will be distributed to students in the classroom and the scheme will be explained. The discrepancies/grievances, if any will be resolved by the teacher

before submitting the student's performance to the college examinations section.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Based on the University JNTUK academic schedule, we have planned to conduct internal examinations i.e., descriptive, and online tests. The college strictly follows the guidelines and rules issued by the affiliating university while conducting internals and semester-end examinations. Paper setting and evaluation of the answer scripts shall be done as per the procedures laid down by the University Examination section from time to time.

- Two internal assessment tests Mid-1 & Mid-2 are conducted each semester at the department level.
- The evaluated internal answer scripts are distributed among the students in the classroom, if there are any corrections in the evaluation they will be rectified immediately by the faculty of the same subject.
- If any discrepancy is found in the submitted marks, it will be brought to the notice of the University examination section within one week from the submission through the proper channel with all proofs; it will be sorted within the time-bound, this is the facility provided by the University examination section.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The institute has adopted Outcome Based Education (OBE) and follows a unique methodology for computation of Course Outcome attainment for the courses prescribed in the syllabus by JNTUK, inferring

information on the attainment of individual Course Outcome, attainment of a Course as a whole and final attainment of various Program Outcomes to which the course is mapped.

To make students and faculty aware of Program Outcomes (POs) and Course Outcomes (COs) the institute follows various practices such as:

The Program Outcomes and Course Outcomes are published on the college website, and on department display boards.

The affiliating university has defined the course outcomes of each course and printed them in the academic regulation books.

The POs are disseminated during the Faculty Development Programs, seminars, workshops and other activities conducted by the department.

Faculty and students are made aware of both the Program Outcome and Program Specific Outcome by placing them in prominent locations on the institute premises and also by placing them on the college website.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Program Outcomes (PO) are broad statements that describe the professional accomplishments that the program aims at. Each course has specific measurable course outcomes. Each course has 5 or 6 units and in general, each unit relates to a specific course outcome

For each course, the attainment level of all course outcomes is arrived at scrupulously based on the student's performance in the internal and external examinations. Thus, the attainment of course outcome is a combined result of the direct and indirect assessment. In the process of course outcome assessment 80% of overall attainment is considered from direct assessment and 20% is considered from indirect assessment.

Direct Assessment Tools:

- Theory Internal and External Examination
- Assignments
- Day-to-day evaluation in Laboratory
- Internal and external Practical Examination

Indirect Assessment Tools:

- Course End Survey
- Feedback collected from other stakeholders

CO Assessment Rubrics

Rubric for Assessment Course Outcomes for Theory and Laboratory courses:

Assessment Methods

Weightage

Final Course

Outcomes

Direct Assessment

Continuous Internal Evaluation

25-30%

80%

Semester End Examinations

70%

Indirect Assessment

Course End Survey

(Student exit survey and feedback from stakeholders)

20%

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

220

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://www.gietec.ac.in/files/ugd/7d457c_cdd00ce7722d4183b67d5c018682489a.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

00

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

00

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

00

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The GEC's Research & Development (R & D) Cell supports and promotes a research culture among teachers and students. Its main function is

to establish connections with the outside world and to advance research through publications. It works tirelessly to pool skills and internal resources, develop strategies, overcome obstacles, and make the College proud to be among the best colleges.

Priorities for the cell include increasing citations, patent applications, and publication statistics. It engages in several efforts, including encouraging faculty members to submit project proposals to the government and other agencies, running skill-development programs for students focused on innovation, and developing interdisciplinary research projects.

Faculty members and students attended several workshops and seminars on creative teaching and learning methods. Students from all disciplines participated in a seminar on "Awareness of higher education". Students got a greater understanding of higher education because of this program.

Faculty and students attended a seminar session on "cyber security." Seminars on "Research Methodology" and Seminars on "How to write an abstract to improve your Research" were held in the Research and Development Department.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

15

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

07

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

05

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

02

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Jawaharlal Nehru Technological University, Kakinada, initiated a National Service Scheme (NSS) Unit at GIET Engineering College with 100 students enlisted as NSS Volunteers.

Extension activities in the neighbourhood community during the accreditation period:

The NSS Unit at the GIET Engineering College eagerly prepared for National Voters Day. The event took place on January 26, 2021, at Sri Krishnapatnam Village in collaboration with Rajanagaram Mandal.

The Farizillapet Panchayathi, Rajanagaram Mandal, and the NSS Unit of the GIET Engineering College organized an event called International Human Rights Day.

A blood donation camp was graciously hosted on campus by the NSS Unit of the GIET Engineering College in association with the Konaseema Institute of Medical Sciences (Amalapuram)

On October 2, 2020, the birthday of Mahatma Gandhi, the leader of the Indian freedom movement and a founder of the philosophy and tactic of non-violence, the International Day of Non-Violence was conducted

The GIET Engineering College NSS team arranged a food distribution camp and provided food for elderly and orphaned individuals.

The NSS unit of GIET Engineering College successfully carried out health awareness initiatives, such as National Dengue Day Awareness and World Health Day programs, in the adjacent communities.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

00

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

16

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

733

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

12

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

12

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The GIET Engineering College campus is located on 10.43 Acres of land on a lush green campus with a huge physical infrastructure to accommodate all departments properly. Each classroom has 72 seats, teaching surfaces including whiteboards and blackboards, and notice boards for efficient communication. All laboratories are outfitted with first aid kits and adequate safety equipment, and everyone is given training on how to obey safety regulations. The GIET Engineering College has a sizable collection of computers equipped with the most recent configurations and technologies that are utilised by students and instructors.

Additionally, additional computers are set aside for academic and office use. Each lab has a LAN and wi-fi connection for internet browsing. By utilising electrical safeguards and fire safety systems, the utmost safety is ensured for both people and machinery. One computer can only have one learner using it at once. For regular and supplementary requirements, several licenced and freeware software is accessible to students and instructors. All laboratories have access to UPS backup power.

The university has four seminar halls that are well equipped with ICT and may be used to host guest lectures, seminars, tech presentations, group discussions, debates, role plays, etc. for students and teachers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The Institute has the following facilities for the students

Central meeting Hall: There is a central seminar hall with 150 sq mt. and 250 seating capacity which is centrally air-conditioned.

Transportation: Transportation is available from prominent locations in Rajahmundry and all surrounding places within up to an 80 km

radius at scheduled hours based on students' demand. Transport facilities for members of faculty and staff, as also for visitors, are available from the same locations.

The campus includes an excellent cafeteria, a branch of Punjab National Bank and indoor games facilities. Students are urged to compete in inter-collegiate sporting events and are encouraged to try out for the university squad.

Games & Sports: There are excellent facilities for outdoor games and sports like cricket, football, volleyball and basketball managed by a Sports Officer. Physical education is emphasised for the entire personality development of students. Equipment is available for daily sporting activity.

Outdoor games Facilities:

- Cricket
- Volley Ball
- Basketball
- Kho-Kho
- Throw ball

Indoor games Facilities:

- Chess
- Carom Board
- Badminton

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

08

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

44.3

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

1. Name of ILMS software: E-Cap/2016-17
2. Nature of automation: Full

Features of E-Cap

E-Cap library management software is flexible to run on any operating system. Circulation can be handled using Biometrics, Smart cards. It supports various electronic resources like the Image and multimedia files. Bar-code ID cards can be printed along with an option of attaching members' photographs. GIET library comprises the Central Library and Departmental libraries. Central Library of the GIET Engineering College is situated in the Central Building, spreading over approximately 5500 sq. feet. The Central Library is centrally located and has a seating capacity of 175 readers and

visiting capacity of about 200 more. The library is fully automated with E-Cap library management software (E-Cap 5.0). The barcode ID and scanner are used for charging and discharging the books.

The GIET library has a collection of Engineering & Management books, Reference, (approx. 29058 as on 14/06/2021, Scientific Journals etc. Separate stacking racks are maintained for every source in the library. The Central library of the Institute has a digital library section with 15 systems.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources **A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

00

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

250

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Institute has adequate and latest IT infrastructure. The entire Institute is Wi-Fi enabled with necessary firewalls and computer labs are connected through LAN with internet facilities. The institute aims at providing futuristic facilities to students so that they can optimistically utilize the available resources. The institution frequently updates its IT facilities to provide state-of-the-art infrastructure to students and a dedicated team with in-house staff is formed to take care of IT and related needs of the campus. Around 60% of classrooms have been equipped with LCD projectors and most of them are supported by audio-visual systems. Wi-Fi routers are arranged with 100 MBPS in the college which are accessible to staff and students. There are 15 Systems in the library for Digital Library and library automation service usage. The facility makes the students find the books easily. High-speed Xerox cum scanning machines are available in the examination cell to meet exam requirements. However, where ever necessary, Licensed software is made available as per the recommendations of the university BOS. The internet bandwidth connectivity is upgraded based on the requirement to provide quality internet connectivity.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Number of Computers

390

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution **A. ? 50MBPS**

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

23.7

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The maintenance committee headed by The Principal and convened Administrative officer monitor the work of the supervisor at the next level. The maintenance supervisor and his team are involved in the maintenance of overall infrastructure facilities.

General maintenance: Regular cleaning of classrooms, floors, laboratories, library and restrooms is done by housekeeping staff.

The college is powered backup with a generator.

Laboratories maintenance:

Preventive and breakdown maintenance procedures are followed for all laboratories through scheduled periodical checkups. The laboratory equipment and machinery are maintained by well-trained technical staff. The minor repair/service will be done by the technical staff with the lab in-charges. The major service requests will be forwarded to the Principal through the Head of the department. The maintenance department finds suitable service personnel for rectification. Annually stock verification of all laboratories and other facilities is carried out.

This team looks after regular maintenance and repair of furniture, painting, plumbing, housekeeping, gardening, transport, RO plant, telecom and IT services.

The requirements of the books are collected by a librarian from the department as per the demand from students and faculty.

Electrical maintenance: The generator, lighting, electrical, air conditioners, and RO system maintenance is carried out by in-house electricians.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

715

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

209

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

641

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

641

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

164

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

14

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

02

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

10

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

GIET Engineering College recognizes the importance of student involvement in the growth and success of the institution. At this point of view, the college has established various committees that are composed of student members. These committees include the IQAC, which works to create a learner-centric environment and internalize the quality and culture of the college; the Administrative Committee, which provides input and feedback on issues such as cleanliness and infrastructure; the Sports and Cultural Committee, which organizes events such as annual day celebrations and inter-college sports meets; the NSS Committee, which promotes inclusive growth and awareness in the community; the Student Grievance Committee, which addresses student problems and works to resolve them in a fair and transparent manner which includes their problems in academics too, the Hostel Committee, which addresses issues in the college residence halls, food issues, accommodation issues; and the Women Empowerment Committee, which works to promote gender sensitivity and self-defense. Through their participation in these committees, students have the opportunity to upgrade their communication skills, teamwork, problem-solving abilities, and leadership qualities. This participation of students in all these committees enriches their knowledge and exposure to the outside

world.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

19

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The Alumni cell contributes to institutional development through financial and other services. The GIET Engineering College Alumni Association was a nonprofit Association and independent body. Its aim is to provide a platform for Alumni to come together and support the college in building the institution globally. The spirit of the association is to galvanize the alumni by rejuvenating the memories of their association with the GEC and interacting on a continuous basis with the other alumnus, students and faculty. All the graduates are automatically members of our Alumni cell. The aim of our Alumni cell is to enhance a beneficial relationship between our Institute and Alumni and strive towards the social, academic and economic growth of the institution.

The Alumni members play a major role in placement-oriented training programmes for current academic year students. Alumni association cell recommends the incorporation of training programmes based on the industry-specific skill requirements in order to improve our student's employability.

The present students actively interact with the alumni cell and the association to upgrade the latest technology and opportunities. The Alumni association conducts activities periodically and supports the betterment of our institute. The basic function of the Alumni is to promote a lifelong relationship and exchange professional and technical knowledge and organize seminars, workshops and training programmes.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year E. <1Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision: To evolve as a Premier Engineering Institution in the Country with its continuous strive for excellence in Education, Research and Technological Services.

Mission

- To generate the community of highly learned students with greater acquirement of knowledge and to apply it professionally with due consideration for ecological, economic and ethical issues.
- To provide knowledge-based technological services at the best satisfaction of society and for the industrial needs.

- To foster the research and disseminate research findings.
- To build in capabilities for advancing education, technology, management and research at international standards.

Governance:The GIET Engineering College has defined and designed its governance by keeping it's vision and mission. Various academic administrative and cultural committees are formed to ensure good governance in the Institution. Good governance requires the transparency of information regarding academics and management to all the student community, teaching & non teaching faculty.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Decentralization:Institute has a common platform for delegating authority and providing operational autonomy to all the functions for working towards the success of the institution. IQAC of this college contributes significantly and the following two practices are institutionalized.

Practice 1: Facilitating Digitization of Teaching-Learning Process: IQAC initiated to implementation for creating digital classes while teachers teach the lessons as a part of the Learning Management System.

Practice 2: Implementation of Outcome-Based Education: Outcome Based Education is another initiative by IQAC and IQAC organized workshops by inviting experts to explain the OBE approach to all the teaching staff members.

As a part of this initiative, teaching staff prepared programme educational objectives (PEOs), programme specific outcomes (PSOs) and teaching staff members are able to write course outcomes (COs), mapping of COs with POs and PSOs.

Committees that involve stakeholders as members / special invitees:

1. College Academic Committee
2. SC/ST Committee

3. Internal Complaint Committee
4. College development committee
5. Co-curricular & Extracurricular Activity Committee
6. Discipline Committee
7. Internal Quality Assurance Cell
8. Anti-Ragging Committee
9. Grievance Redressal Committee
10. Women Empowerment Cell

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Curriculum Development: Being an affiliated college we attend curriculum planning meetings organized by Director, Academic and planning JNTUK.

Teaching and Learning:

- Industrial & construction site visits are arranged for all students.
- Internships are being arranged for students.
- Outcome Based Education is being implemented.

Examination and Evaluation: Faculty are better participating in Question paper setting, scheme preparation and evaluation by the university.

Research and Development: GIET ENGINEERING COLLEGE encourages the students to involve in various research activities, and provides all the facilities to carry out research.

Library, ICT and Physical Infrastructure / Instrumentation:

- Library adds new titles and volumes of text books annually to meet student and faculty needs.
- Conventional class rooms have been converted into e-class rooms with LCD projectors, digital boards, and audio systems.

Human Resource Management: GIET ENGINEERING COLLEGE provides faculty

facilities and financial assistance to attend FDPs, seminars, and conferences.

Industry Interaction / Collaboration:

- Institution has an I to I cell for continual implementation of industry related activities.
- MOUs are signed with reputed industries for mutual benefit with the exchange of expertise.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Vision

To evolve as a Premier Engineering Institution in the Country with its continues strive for excellence in Education, Research and Technological Services.

Mission

- To generate the community of highly learned students with greater acquirement of knowledge and to apply it professionally with due consideration for ecological, economic and ethical issues.
- To provide knowledge-based technological services at the best satisfaction of society and for the industrial needs.
- To foster the research and disseminate research findings.
- To build in capabilities for advancing education, technology, values, management and research at international standards.

Quality Policy

To Produce quality engineering graduates found to be resourceful and innovative in approach with readiness to shoulder challenging assignments in academics with research inculcation.

Appointment rules:

The selection committee must prepare a job description and specifications for the candidate to be hired. The recruitment process includes written test, demo, interview and final interaction with management.

Service Rule

All service regulations shall apply to the hired professor in accordance with AICTE and JNTUK guidelines. All hired faculty members are eligible for benefits such as CLs, ODs, maternity leaves, and PF and for any financial assistance as per their service.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

The institution supports the staff to enhance their professional

development by:

Exclusive induction training for new faculty members and expert lectures on advanced technologies are organized regularly. 100% sponsorship for attending various events.

the campus has well-defined initiatives for faculty empowerment through training and encouragement.

All faculty members are deputed to attend FDPs that are conducted at various institutions. Senior faculty evaluate new faculty members' performance and give peer comments. Department Head gives a presentation on how to effectively conduct theoretical and laboratory sessions. If any faculty still feel difficult to handle the subjects will be sent for training again in consecutive semesters.

Measures were taken by the institution for attracting and retaining eminent faculty

Faculty members and non-teaching staff are eligible to avail of CL working for the institute on non-working days and general holidays. Faculty members interested in pursuing a PhD on a Part-Time basis shall submit an application to the management through the principal seeking permission for registration.

Some other welfare measures provided by our institution:

- Pregnant ladies and lactating mothers are given necessary concessions in their day-to-day work and they are given flexible timings as per their requirements,
- Provident fund for all the employees who fall under the eligibility criteria as per norms
- Management-funded training programs for teaching and non-teaching employees.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

26

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The Management assesses faculty performance based on teaching, research, teamwork, organising co-curricular and extra-curricular activities, and published works. They are recognised and honoured at the time of Teachers' day. The assessment system encourages employees to achieve and put forth their best efforts. Staff retention is one of the Institution's strengths.

The following variables are thoroughly examined in the evaluation procedure for teaching staff: Participating in conferences, workshops, faculty development programmes, and other innovative teaching approaches allows you to improve your skills. Pursuing further education (PhD), doing research, and securing patents. The proportion of students that passed the University Examination. Publication of works in Scopus indexed/impact factor/e-journals and conference proceedings, publication of chapters in books and book publication, carrying out funded projects, Mentoring and Counselling approach, feedback for HOD & Principal, feedback from students, Establishing rapport with peers active participation in teamwork. Undertaking new academic ventures and being team leads, rewards for outstanding achievements in their studies pursued after joining the institution. Attending specific conferences/workshops/training programs related to cells, for which they coordinate as team leaders.

Awards and rewards are given for being an excellent academicians- State and national level community service through the Institution and involvement in extracurricular activities outside the Institution.

File Description	Documents
Paste link for additional information	https://www.gietec.ac.in/_files/ugd/7d457c_e527ecb4c5a1467dbadc492eac3601b0.pdf
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institution has an internal and external auditing system, with internal auditors analyzing and verifying revenue, costs, and capital expenditures, and external audits on a quarterly basis. The institute consistently uses a system for internal and external financial audits. Officials delegated from the central office execute internal audits on a regular basis, and the reports are received before conducting the external audit, which is typically done after the accounts have been closed in all respects. When the audit team notices minor mistakes, omissions, or commissions, they are quickly fixed or rectified, and precautions are made to prevent future occurrences. The institute consistently uses a system for internal and external financial audits. Officials delegated from the central office execute internal audits on a regular basis, and the reports are received before conducting the external audit, which is typically done after the accounts have been closed in all respects.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

GIET ENGINEERING COLLEGE is a self-financed institution, where the funds are generated through the fees paid by the students. Deficit is managed by taking advance from the parent trust.

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development.

- Institutional budget is prepared by Accounts department every year taking into consideration of recurring and non-recurring expenditures.
- Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year.
- All the major financial decisions are taken by the Management of college.

All the major financial transactions are analyzed and verified under following sections:

- Research & Development
 - Training & Placement
 - Software & Internet charges
 - Library Books / Journals
 - Repair & maintenance
 - Printing & stationary
 - Equipment & Consumables
 - Furniture & Fixtures
1. Institute adheres to Utilization of budget approved for academic expenses and administrative expenses by management.
 2. Financial audit is conducted by chartered accountant every financial year to verify the compliance.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC of the college contributes significantly and the following two practices are institutionalized.

Practice 1: Facilitating Digitization of Teaching-Learning Process:

IQAC initiated to implement for creation of digital classes while teachers teach the lessons as a part of the Learning Management System. Teachers will be ready with all teaching content such as video lectures, and study materials as per the lesson plan and the class work goes on as per the academic calendar. Feedback will be collected from students periodically to ensure the quality of the system.

Practice 2: Implementation of Outcome-Based Education:

Outcome Based Education is another initiative by IQAC and IQAC organized the workshops by inviting experts to explain the OBE approach to all the teaching staff members. As a part of this initiative, teaching staff prepared programme educational objectives (PEOs), programme specific outcomes (PSOs) and teaching staff members are able to write course outcomes (COs), Correlation of Cos with POs and PSOs. Preparation of question papers using Bloom's Taxonomy levels of learning and attainment of POs, and PSOs for each course which facilitates to implementation of OBE in the college.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the

incremental improvement in various activities

College reviews its teaching-learning processes, structures and methodologies periodically and the examples are presented here.

Review Mechanism of Teaching-Learning Process:

Review of the teaching-learning process will be carried out through attendance reports, the performance of students in mid-term examinations and assignments, lesson plans and syllabus coverage, classes and laboratory sessions conducted as per the academic calendar issued by the university, Course materials, and remedial classes for slow learners and participation of students in co and extracurricular activities etc.

Attainment of COs, POs and PSOs:

As a part of OBE implementation, IQAC reviews the attainment of COs, POs and PSOs after publishing the results by the University and analyzes the gap between target and attained levels. If the targets are achieved then IQAC suggests increasing the target level for the next semester otherwise IQAC suggests the teaching staff members identify the probable cause in the form of observations and corresponding action to be initiated by the faculty member/HOD to achieve the target.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Institution shows gender sensitivity in providing facilities such as:

- 1. Safety and Security:**The Institution has a special cell called Student Grievances Redressal Cell through which it addresses the student's grievances related to academic and non-academic matters, such as any criticism, victimization by teachers.
- 2. Hi-Tech Surveillance system:** The Institution maintains E-Surveillance with high resolution cameras throughout day and night. This facility of distributed recording has been set up in the campus to have a strict monitoring over any strangers entering the college by high quality CCTV cameras.
- 3. Hostels:**There are different hostels for boys and girls. They are AC and non AC rooms. There are spacious dining halls to make them feel at home. Students' safety is monitored under a set of well-defined rules and guidelines of wardens.
- 4. Medical Facilities:** Health center with a qualified doctor and a nurse is available in the campus to provide medical care to the students.
- 5. Counseling:** Institution has consistently strived to address contemporary issues like gender sensitization, inferiority complex, ragging. We counsel through the various seminars, workshops and awareness programs by guest lecturers and senior faculty.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.gietec.ac.in/_files/ugd/7d457c_18b5a401189e436ebf89820c6992047c.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	No File Uploaded
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

In GEC campus the following initiatives are taken towards the waste management are as follows:

Solid Waste Management

The major solid waste materials generated in the college consists of horticultural waste, which include dried leaves or plant clippings from the lawn, paper, plastic, wrappers, glass, cardboard, and food wastes from canteen and hostel. Dustbins are positioned in each classroom, laboratory, rest room etc. Sweepers are allotted to manage all of the waste generated in the campus.

Liquid waste Management

The major liquid waste consists of effluents from lavatories. These are collected in the separate septic pits and allowed to settle into the soil. Since the effluent pits are not located close to any water bodies.

E-Waste Management

The Electronic equipment that cannot be refurbished is disassembled and segregated to send to recyclable units. E-waste generated in the campus is collected via the maintenance team and is appropriately disposed of through vendors.

Chemical Waste

Indiscriminate use of chemical compounds in laboratory liquid chemical wastes are effectively disposed, glassware used with inside the laboratory is rinsed with water and located with inside the liquid waste container. Inorganic wastes which include concentrated acidic or alkaline solutions are neutralized before disposal.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic

5. Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

GEC remains exemplary in executing cultural and social activities by providing an inclusive environment for the students. The purpose of conducting such events in the institute is to inculcate the sense of peace, equality & harmony among students.

The Institute affirms pristine transparency by meritorious admissions, indeed unbiased and keeps chances equally open to all students irrespective of the caste, creed, regions, and religion. The renowned institute maintains the sense of respect towards all cultural and technical activities such as Treasure hunt, Flash Mob, Postal Presentation, Project Expo etc.

The institution commemorates days like Sri Mokshagundam Visvesvaraya birth anniversary, the great guru Dr.Sarvepalli Radhakrishnan, Yoga Day. Women's Day celebrations are encouraged every year among the women and girl students to take up leadership roles and participate actively in all student activities etc. Awareness programs like Blood donation camps, planting trees in nearby villages to safeguard environment takes place in the institution.

All national and state wide festivals are celebrated with full spirits. This built unity and reliance among students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

GIET Engineering College sensitizes the students and the employees of the Institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen.

The first and the foremost criteria of GEC is to furnish students with knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life and by empowering them with an educational experience where they can hone important skills for the future.

The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting eminent people. The institute conducted awareness programs by involving students to take the lead by planting trees, awareness on sanitary and hygiene, Swatch Bharat, etc.

International Women's Day on the 8th of March is observed every year. Various games and competitions are conducted for women. Various competitions like essay writing, elocution and singing, painting, Mahanadi are conducted to encourage girl students. The Celebration of National Festivals, commemoration of Birth and Death Anniversaries of great Indian Personalities takes place every year in the Institute with enthusiasm. The Institute celebrates Republic Day, Independence Day, and Gandhi Jayanthi etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.gietec.ac.in/_files/ugd/7d457c_dcdfaa8e167f44abb8360acf13aa737b.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

GIET Engineering College celebrates Independence Day and Republic Day as part of the institution's commitment to upholding certain pristine principles and objectives. These wings are also inclined to organize national festivals, commemorate the lives of national leaders, and raise awareness of nationalism. Having respect for the ideas and philosophies of the great citizens of our country is also beneficial.

The institution commemorates the birth and death dates of notable Indians including Mahatma Gandhi, Dr. A.P.J Abdul Kalam, and Dr. Babasaheb Ambedkar. The institute is proud to celebrate Gandhi Jayanthi in honor of the nation's founding father, who is honored for his Ahimsa, honesty, and simplicity. The Institution celebrates March 8 is recognized as Women's Day as a sign of admiration for women's heroic efforts in both their personal and professional lives.

Dr. APJ Kalam's birthday is celebrated with National Education Day. The institute holds contests like elocution and essay writing in

this aim. Every year, students and staff participate enthusiastically in International Yoga Day. Other national holidays celebrated in India include World Water Day, Teachers' Day, which is held on September 5 each year to commemorate Dr. Sarvepalli Radhakrishnan's birth anniversary.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice-I

1. Title of the Practice: Outcome Based Education Mechanism(OBEM)

2. Objectives of the Practice: Outcome Based Education(OBE) is a student-centred education system for assessing student performance. Knowledge, Skills, and Attributes are examples of outcomes Attitudes.

3. The Context: The Department Heads are the Program Coordinators(PCs) and major role players in carrying out all OBE activities.

4. The Practice

The Program Coordinator(PC) nominates Course Coordinators(CCs) based on the following

- Seniority and departmental involvement
- Knowledge expansion in developing fields

5. Evidence of Success: Regular meetings with PCs, ACs, CCs, and course teachers are held as part of OBE implementation to improve the OBE and ensure its success.

6. Problems encountered and Resources required: Difficulty in

aligning OBE with traditional teaching methods and curriculum.

Best Practice II

1. Title of the Practice: An Innovative Approach to Enhancing Employability Skills.

2. Objectives of the Practice: The goal of this practice is to give training to all students from second year onwards between semester breaks up to final year in order to improve Knowledge and Employability abilities.

3. The Context: To offer students with technical knowledge and working abilities as part of their professional career.

4. The Practice : The training is divided into sections: communication, aptitude, logical ability, and understanding of cutting-edge technology.

5. Evidence of Success : The training has increased the personality development was accomplished through presenting through communication through group discussion and Mock interviews.

6. Problems encountered and Resources required: There aren't enough training slots available during regular college hours.

File Description	Documents
Best practices in the Institutional website	https://www.gietec.ac.in/_files/ugd/7d457c_3e913180a506494ea318c3dba3e4ae0e.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

1. Platform for Placements

GIET Engineering College has raised the placement of its flag high. Students are sculpted beginning in their first year of study with well-designed training through different offline and online programmes to keep the learners on track catering to the demands for employment in the training process in addition to academics.

2. Green Cover zone - Sustainable Environment

One of the most captivating aspects of the institution is its magical ambience and beauty, which truly immerses one in it. To preserve a sustainable environment, waste management is carried out in accordance with government regulations, from garbage collection to waste disposal, while keeping the abundance of soil and the living environment in mind.

3. Faculty Club- Integrity and Sustainability

To maintain integrity and sustainability, GIET Engineering College formed the Faculty Club. The faculty club's mission is to look after the well-being of professors and students in need.

4. Digital Suite - Academics and Administration

Taking the lead in bridging the gap in the teaching and learning process along the lines of development and modes of learning, our institution is committed to excellence in encouraging quality teaching-learning, training, and assessment through the Digital Suite, Digital Content videos, Microsoft Office 365, and E-Cap.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The programs are offered at GIET Engineering college, affiliated with Jawaharlal Nehru Technological University, Kakinada and our college follows the Academic Calendar issued by Jawaharlal Nehru Technological University, Kakinada. The Principal, Heads of the departments, and Time table co-ordinators prepare a timetable draft including theory, practicals, soft skills, campus recruitment training classes, and co-curricular activities like sports, which enhance students' academic excellence as well as personality development.

The College academic committee which consists of the Principal and Heads of the department going to implement an action plan for the successful delivery of the curriculum, to implement this curriculum the heads of the departments conduct frequent meetings in their respective departments, to develop and ensure the quality of the teaching and learning process.

The College academic committee invites proposals from the departments for various skill development course schedules and certificate or add-on programs in the curriculum to enhance the overall development of the students.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

GIET Engineering college follows the prescribed curriculum of Jawaharlal Nehru Technological University-Kakinada. For the direct and successful conduction of the course, we create a lesson plan and pursue the objectives and outcomes of the course for every semester in the UG and PG programs. Assignments and online quiz exams are conducted to enhance the student's

knowledge.

Courses are assigned to Faculty members by the Head of the Department and Principal based on their areas of expertise and subject preferences. The faculty strictly adheres to the academic calendar to prepare the course files which includes the vision, mission, timetable, lesson plan, course outcomes, teaching notes, previous question papers, and previous performances.

The total duration of each Semester includes registration, instructions, continuous internal evaluation, and semester-end evaluation. Internal assessment can be done by conducting internal examinations based on the academic calendar and the timetable for conducting examinations given by the University and the internal examinations-related activities like evaluation of answer scripts, posting of marks in the portal, and display of marks in the notice board for the students is undertaken in a systematic manner. The external assessment is based on the semester-end examinations conducted by the university.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

D. Any 1 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented****1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

07

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

17

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

701

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The institute integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment, and Sustainability into the curriculum and conducts various Orientation/awareness programs on gender sensitivity, soft skills, career guidance, women empowerment, etc.

In order to integrate the crosscutting issues relevant to environment and sustainability, human values, and professional ethics, University has included different types of courses in the curriculum such as Intellectual Property Rights and Patents, Professional Ethics, and Human Values to develop awareness among students about environment and Sustainability.

Environment studies in engineering programs cover various areas of sustainability and Environmental issues. The Environment has a significant impact on human health and well-being. Professional ethics and human values course provide essential inputs to students in order to instill human values and help them grow into responsible citizens with good personalities.

The above courses offered in the curriculum by the university help the students to practice the values, follow the code of conduct, understand the environmental challenges, and strive for creating a better world for tomorrow.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

06

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

311

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
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File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

220

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

219

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institution will assess the learning levels of students before starting the teaching-learning process. After admission to GIET Engineering College, students are classified based on their

qualifying examination and the Selection exam called the EAMCET and marked procured in intermediate/+2, as Advanced and Slow learners. Student learning abilities are evaluated in subsequent semesters through midterms, assignments, class interaction and mentoring through regular observation in the following areas:

- Students' confidence level in achieving their goals.
- The self-sufficient ability of the student in doing various activities.
- Optimism (hopefulness and confidence) of the student.
- Student leadership qualities and active participation in various activities.
- Student's performance in theory and laboratory sessions.
- Knowledge of the student in doing technical and non-technical projects.
- Student's plan of action in achieving ambition.
- Student's Email etiquette and Presentation skills in giving seminars.
- Participation of the student in curricular, extra-curricular and Research oriented activities.
- Consistent performance of the student in achieving overall performance in semester exams

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
914	75

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Students at the GIET Engineering College benefit from student-centric methods as they become more independent and self-

motivated, and their learning becomes more enjoyable and efficient. The institution strives to help students build lifelong learning skills by focusing on student-centric education rather than teacher-centric methods.

Students learning experiences are enhanced by faculty members' consideration of student-centric learning methods during course plan development. By practising, doing experiments, planning and developing projects, etc, one can improve understanding, communication skills, problem-solving skills and listening skills. Faculty members work more diligently to make learning interactive by adopting the below-mentioned student-centric methods.

Various Activity-based techniques adopted by the faculty members are listed below:

Experiential Learning:

To enhance the creativity and cognitive ability of the students, GIET Engineering College applies the following experiential learning practices.

- Advanced experiments in the laboratory sessions
- Extensive knowledge of market trends through internships
- Add-on Courses on the latest technologies
- Project development

Participatory Learning:

- Group Discussion, Debate, Role Play, Quiz
- Technical Seminar Presentation
- NPTEL certification course

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

With the rapid development of computer technologies, the ways of living, working, and learning of people have changed. Learning

through technology has become a valuable learning method in today's society. ICT technologies are essential for teachers to make students experience a new approach to learning. Therefore, ICT-enabled technologies have become an important consideration in the process of curriculum implementation at the GIET Engineering College.

Learning Management System (LMS) & E-Learning Resources

- Information & Communications Technology (ICT) enabled teaching methodologies and the faculty members in classrooms are following advanced technology.
- The academic plan with budget, lesson plan, lab manuals and question banks with solutions are made available at the very beginning of the semester. Called It an Academic book for each semester.
- The use of multimedia teaching aids like LCD projectors, and classrooms with internet-enabled computer/laptops/tablet systems are usually in use in the classroom.
- These courses are part of LMS.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

70

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality**2.4.1 - Number of full time teachers against sanctioned posts during the year****75**

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year****07**

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**2.4.3.1 - Total experience of full-time teachers****367**

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

There are various strategies to meet the evaluation methods, we are strictly adhering to JNTUK university norms and conditions for internal evaluation. There are various time slots allocated to conduct descriptive and online tests (Quizzes) for each and every department. Based on the University academic schedule, each faculty prepares the internal examination and the assignments considering the entire coverage of the Cos and also the taxonomy as appropriate. While preparing the assignment questions, faculty will try to cover all the possible taxonomies to the maximum extent.

Two Mid Examinations are conducted for students as per university norms in each semester final Mid marks = (Best of (Mid-1/Mid-2) marks x 0.8 + Least of (Mid-1/Mid-2) marks x 0.2) Each faculty prepares the scheme of evaluation and evaluates the student answer scripts as per the scheme. The answer scripts will be distributed to students in the classroom and the scheme will be explained. The discrepancies/grievances, if any will be resolved by the teacher before submitting the student's performance to the college examinations section.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Based on the University JNTUK academic schedule, we have planned to conduct internal examinations i.e., descriptive, and online tests. The college strictly follows the guidelines and rules issued by the affiliating university while conducting internals and semester-end examinations. Paper setting and evaluation of the answer scripts shall be done as per the procedures laid down by the University Examination section from time to time.

- Two internal assessment tests Mid-1 & Mid-2 are conducted each semester at the department level.
- The evaluated internal answer scripts are distributed among the students in the classroom, if there are any corrections

in the evaluation they will be rectified immediately by the faculty of the same subject.

- If any discrepancy is found in the submitted marks, it will be brought to the notice of the University examination section within one week from the submission through the proper channel with all proofs; it will be sorted within the time-bound, this is the facility provided by the University examination section.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The institute has adopted Outcome Based Education (OBE) and follows a unique methodology for computation of Course Outcome attainment for the courses prescribed in the syllabus by JNTUK, inferring information on the attainment of individual Course Outcome, attainment of a Course as a whole and final attainment of various Program Outcomes to which the course is mapped.

To make students and faculty aware of Program Outcomes (POs) and Course Outcomes (COs) the institute follows various practices such as:

The Program Outcomes and Course Outcomes are published on the college website, and on department display boards.

The affiliating university has defined the course outcomes of each course and printed them in the academic regulation books.

The POs are disseminated during the Faculty Development Programs, seminars, workshops and other activities conducted by the department.

Faculty and students are made aware of both the Program Outcome and Program Specific Outcome by placing them in prominent locations on the institute premises and also by placing them on the college website.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Program Outcomes (PO) are broad statements that describe the professional accomplishments that the program aims at. Each course has specific measurable course outcomes. Each course has 5 or 6 units and in general, each unit relates to a specific course outcome

For each course, the attainment level of all course outcomes is arrived at scrupulously based on the student's performance in the internal and external examinations. Thus, the attainment of course outcome is a combined result of the direct and indirect assessment. In the process of course outcome assessment 80% of overall attainment is considered from direct assessment and 20% is considered from indirect assessment.

Direct Assessment Tools:

- Theory Internal and External Examination
- Assignments
- Day-to-day evaluation in Laboratory
- Internal and external Practical Examination

Indirect Assessment Tools:

- Course End Survey
- Feedback collected from other stakeholders

CO Assessment Rubrics

Rubric for Assessment Course Outcomes for Theory and Laboratory courses:

Assessment Methods

Weightage

Final Course**Outcomes****Direct Assessment****Continuous Internal Evaluation**

25-30%

80%

Semester End Examinations

70%

Indirect Assessment**Course End Survey****(Student exit survey and feedback from stakeholders)**

20%

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year**2.6.3.1 - Total number of final year students who passed the university examination during the year**

220

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://www.gietec.ac.in/files/ugd/7d457c_cdd00ce7722d4183b67d5c018682489a.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

00

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

00

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

00

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The GEC's Research & Development (R & D) Cell supports and promotes a research culture among teachers and students. Its main function is to establish connections with the outside world and to advance research through publications. It works tirelessly to pool skills and internal resources, develop strategies, overcome obstacles, and make the College proud to be among the best colleges.

Priorities for the cell include increasing citations, patent applications, and publication statistics. It engages in several efforts, including encouraging faculty members to submit project proposals to the government and other agencies, running skill-development programs for students focused on innovation, and developing interdisciplinary research projects.

Faculty members and students attended several workshops and seminars on creative teaching and learning methods. Students from

all disciplines participated in a seminar on "Awareness of higher education". Students got a greater understanding of higher education because of this program.

Faculty and students attended a seminar session on "cyber security." Seminars on "Research Methodology" and Seminars on "How to write an abstract to improve your Research" were held in the Research and Development Department.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

15

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

07

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

05

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

02

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Jawaharlal Nehru Technological University, Kakinada, initiated a National Service Scheme (NSS) Unit at GIET Engineering College

with 100 students enlisted as NSS Volunteers.

Extension activities in the neighbourhood community during the accreditation period:

The NSS Unit at the GIET Engineering College eagerly prepared for National Voters Day. The event took place on January 26, 2021, at Sri Krishnapatnam Village in collaboration with Rajanagaram Mandal.

The Farizillapet Panchayathi, Rajanagaram Mandal, and the NSS Unit of the GIET Engineering College organized an event called International Human Rights Day.

A blood donation camp was graciously hosted on campus by the NSS Unit of the GIET Engineering College in association with the Konaseema Institute of Medical Sciences (Amalapuram)

On October 2, 2020, the birthday of Mahatma Gandhi, the leader of the Indian freedom movement and a founder of the philosophy and tactic of non-violence, the International Day of Non-Violence was conducted

The GIET Engineering College NSS team arranged a food distribution camp and provided food for elderly and orphaned individuals.

The NSS unit of GIET Engineering College successfully carried out health awareness initiatives, such as National Dengue Day Awareness and World Health Day programs, in the adjacent communities.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

00

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

16

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

733

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year****3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

12

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

12

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The GIET Engineering College campus is located on 10.43 Acres of land on a lush green campus with a huge physical infrastructure to accommodate all departments properly. Each classroom has 72

seats, teaching surfaces including whiteboards and blackboards, and notice boards for efficient communication. All laboratories are outfitted with first aid kits and adequate safety equipment, and everyone is given training on how to obey safety regulations. The GIET Engineering College has a sizable collection of computers equipped with the most recent configurations and technologies that are utilised by students and instructors.

Additionally, additional computers are set aside for academic and office use. Each lab has a LAN and wi-fi connection for internet browsing. By utilising electrical safeguards and fire safety systems, the utmost safety is ensured for both people and machinery. One computer can only have one learner using it at once. For regular and supplementary requirements, several licenced and freeware software is accessible to students and instructors. All laboratories have access to UPS backup power.

The university has four seminar halls that are well equipped with ICT and may be used to host guest lectures, seminars, tech presentations, group discussions, debates, role plays, etc. for students and teachers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The Institute has the following facilities for the students

Central meeting Hall: There is a central seminar hall with 150 sq mt. and 250 seating capacity which is centrally air-conditioned.

Transportation: Transportation is available from prominent locations in Rajahmundry and all surrounding places within up to an 80 km radius at scheduled hours based on students' demand. Transport facilities for members of faculty and staff, as also for visitors, are available from the same locations.

The campus includes an excellent cafeteria, a branch of Punjab National Bank and indoor games facilities. Students are urged to compete in inter-collegiate sporting events and are encouraged to

try out for the university squad.

Games & Sports: There are excellent facilities for outdoor games and sports like cricket, football, volleyball and basketball managed by a Sports Officer. Physical education is emphasised for the entire personality development of students. Equipment is available for daily sporting activity.

Outdoor games Facilities:

- Cricket
- Volley Ball
- Basketball
- Kho-Kho
- Throw ball

Indoor games Facilities:

- Chess
- Carom Board
- Badminton

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

08

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR

in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

44.3

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

1. Name of ILMS software: E-Cap/2016-17
2. Nature of automation: Full

Features of E-Cap

E-Cap library management software is flexible to run on any operating system. Circulation can be handled using Biometrics, Smart cards. It supports various electronic resources like the Image and multimedia files. Bar-code ID cards can be printed along with an option of attaching members' photographs. GIET library comprises the Central Library and Departmental libraries. Central Library of the GIET Engineering College is situated in the Central Building, spreading over approximately 5500 sq. feet. The Central Library is centrally located and has a seating capacity of 175 readers and visiting capacity of about 200 more. The library is fully automated with E-Cap library management software (E-Cap 5.0). The barcode ID and scanner are used for charging and discharging the books.

The GIET library has a collection of Engineering & Management books, Reference, (approx. 29058 as on 14/06/2021, Scientific Journals etc. Separate stacking racks are maintained for every source in the library. The Central library of the Institute has a digital library section with 15 systems.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	Nil
4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above
File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File
4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)	
4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)	
00	
File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File
4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)	
4.2.4.1 - Number of teachers and students using library per day over last one year	
250	

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Institute has adequate and latest IT infrastructure. The entire Institute is Wi-Fi enabled with necessary firewalls and computer labs are connected through LAN with internet facilities. The institute aims at providing futuristic facilities to students so that they can optimistically utilize the available resources. The institution frequently updates its IT facilities to provide state-of-the-art infrastructure to students and a dedicated team with in-house staff is formed to take care of IT and related needs of the campus. Around 60% of classrooms have been equipped with LCD projectors and most of them are supported by audio-visual systems. Wi-Fi routers are arranged with 100 MBPS in the college which are accessible to staff and students. There are 15 Systems in the library for Digital Library and library automation service usage. The facility makes the students find the books easily. High-speed Xerox cum scanning machines are available in the examination cell to meet exam requirements. However, where ever necessary, Licensed software is made available as per the recommendations of the university BOS. The internet bandwidth connectivity is upgraded based on the requirement to provide quality internet connectivity.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Number of Computers

390

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS
File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	No File Uploaded
4.4 - Maintenance of Campus Infrastructure	
4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)	
4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)	
23.7	
File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File
4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.	
<p>The maintenance committee headed by The Principal and convened Administrative officer monitor the work of the supervisor at the next level. The maintenance supervisor and his team are involved in the maintenance of overall infrastructure facilities.</p> <p>General maintenance:Regular cleaning of classrooms, floors, laboratories, library and restrooms is done by housekeeping staff. The college is powered backup with a generator.</p> <p>Laboratories maintenance:</p> <p>Preventive and breakdown maintenance procedures are followed for all laboratories through scheduled periodical checkups. The</p>	

laboratory equipment and machinery are maintained by well-trained technical staff. The minor repair/service will be done by the technical staff with the lab in-charges. The major service requests will be forwarded to the Principal through the Head of the department. The maintenance department finds suitable service personnel for rectification. Annually stock verification of all laboratories and other facilities is carried out.

This team looks after regular maintenance and repair of furniture, painting, plumbing, housekeeping, gardening, transport, RO plant, telecom and IT services.

The requirements of the books are collected by a librarian from the department as per the demand from students and faculty.

Electrical maintenance: The generator, lighting, electrical, air conditioners, and RO system maintenance is carried out by in-house electricians.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

715

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

209

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

641

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

641

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

164

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education**

14

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

02

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

10

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

GIET Engineering College recognizes the importance of student involvement in the growth and success of the institution. At this point of view, the college has established various committees that are composed of student members. These committees include the IQAC, which works to create a learner-centric environment and internalize the quality and culture of the college; the Administrative Committee, which provides input and feedback on issues such as cleanliness and infrastructure; the Sports and Cultural Committee, which organizes events such as annual day celebrations and inter-college sports meets; the NSS Committee, which promotes inclusive growth and awareness in the community; the Student Grievance Committee, which addresses student problems and works to resolve them in a fair and transparent manner which includes their problems in academics too, the Hostel Committee, which addresses issues in the college residence halls, food issues, accommodation issues; and the Women Empowerment Committee, which works to promote gender sensitivity and self-defense. Through their participation in these committees, students have the opportunity to upgrade their communication skills, teamwork, problem-solving abilities, and leadership qualities. This participation of students in all these committees

enriches their knowledge and exposure to the outside world.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

19

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The Alumni cell contributes to institutional development through financial and other services. The GIET Engineering College Alumni Association was a nonprofit Association and independent body. Its aim is to provide a platform for Alumni to come together and support the college in building the institution globally. The spirit of the association is to galvanize the alumni by rejuvenating the memories of their association with the GEC and interacting on a continuous basis with the other alumnus, students and faculty. All the graduates are automatically members of our Alumni cell. The aim of our Alumni cell is to enhance a beneficial relationship between our Institute and Alumni and strive towards the social, academic and economic growth of the institution.

The Alumni members play a major role in placement-oriented training programmes for current academic year students. Alumni association cell recommends the incorporation of training programmes based on the industry-specific skill requirements in order to improve our student's employability.

The present students actively interact with the alumni cell and the association to upgrade the latest technology and opportunities. The Alumni association conducts activities periodically and supports the betterment of our institute. The basic function of the Alumni is to promote a lifelong relationship and exchange professional and technical knowledge and organize seminars, workshops and training programmes.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision: To evolve as a Premier Engineering Institution in the Country with its continuous strive for excellence in Education, Research and Technological Services.

Mission

- To generate the community of highly learned students with greater acquirement of knowledge and to apply it professionally with due consideration for ecological, economic and ethical issues.
- To provide knowledge-based technological services at the best satisfaction of society and for the industrial needs.

- To foster the research and disseminate research findings.
- To build in capabilities for advancing education, technology, management and research at international standards.

Governance:The GIET Engineering College has defined and designed its governance by keeping it's vision and mission. Various academic administrative and cultural committees are formed to ensure good governance in the Institution. Good governance requires the transparency of information regarding academics and management to all the student community, teaching & non teaching faculty.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Decentralization:Institute has a common platform for delegating authority and providing operational autonomy to all the functions for working towards the success of the institution. IQAC of this college contributes significantly and the following two practices are institutionalized.

Practice 1: Facilitating Digitization of Teaching-Learning Process: IQAC initiated to implementation for creating digital classes while teachers teach the lessons as a part of the Learning Management System.

Practice 2: Implementation of Outcome-Based Education: Outcome Based Education is another initiative by IQAC and IQAC organized workshops by inviting experts to explain the OBE approach to all the teaching staff members.

As a part of this initiative, teaching staff prepared programme educational objectives (PEOs), programme specific outcomes (PSOs) and teaching staff members are able to write course outcomes (COs), mapping of COs with POs and PSOs.

Committees that involve stakeholders as members / special invitees:

1. College Academic Committee
2. SC/ST Committee
3. Internal Complaint Committee
4. College development committee
5. Co-curricular & Extracurricular Activity Committee
6. Discipline Committee
7. Internal Quality Assurance Cell
8. Anti-Ragging Committee
9. Grievance Redressal Committee
10. Women Empowerment Cell

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Curriculum Development: Being an affiliated college we attend curriculum planning meetings organized by Director, Academic and planning JNTUK.

Teaching and Learning:

- Industrial & construction site visits are arranged for all students.
- Internships are being arranged for students.
- Outcome Based Education is being implemented.

Examination and Evaluation: Faculty are better participating in Question paper setting, scheme preparation and evaluation by the university.

Research and Development: GIET ENGINEERING COLLEGE encourages the students to involve in various research activities, and provides all the facilities to carry out research.

Library, ICT and Physical Infrastructure / Instrumentation:

- Library adds new titles and volumes of text books annually to meet student and faculty needs.
- Conventional class rooms have been converted into e-class rooms with LCD projectors, digital boards, and audio

systems.

Human Resource Management: GIET ENGINEERING COLLEGE provides faculty facilities and financial assistance to attend FDPs, seminars, and conferences.

Industry Interaction / Collaboration:

- Institution has an I to I cell for continual implementation of industry related activities.
- MOUs are signed with reputed industries for mutual benefit with the exchange of expertise.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Vision

To evolve as a Premier Engineering Institution in the Country with its continues strive for excellence in Education, Research and Technological Services.

Mission

- To generate the community of highly learned students with greater acquirement of knowledge and to apply it professionally with due consideration for ecological, economic and ethical issues.
- To provide knowledge-based technological services at the best satisfaction of society and for the industrial needs.
- To foster the research and disseminate research findings.
- To build in capabilities for advancing education, technology, values, management and research at international standards.

Quality Policy

To Produce quality engineering graduates found to be resourceful and innovative in approach with readiness to shoulder challenging assignments in academics with research inculcation.

Appointment rules:

The selection committee must prepare a job description and specifications for the candidate to be hired. The recruitment process includes written test, demo, interview and final interaction with management.

Service Rule

All service regulations shall apply to the hired professor in accordance with AICTE and JNTUK guidelines. All hired faculty members are eligible for benefits such as CLs, ODs, maternity leaves, and PF and for any financial assistance as per their service.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institution supports the staff to enhance their professional development by:

Exclusive induction training for new faculty members and expert lectures on advanced technologies are organized regularly. 100% sponsorship for attending various events.

the campus has well-defined initiatives for faculty empowerment through training and encouragement.

All faculty members are deputed to attend FDPs that are conducted at various institutions. Senior faculty evaluate new faculty members' performance and give peer comments. Department Head gives a presentation on how to effectively conduct theoretical and laboratory sessions. If any faculty still feel difficult to handle the subjects will be sent for training again in consecutive semesters.

Measures were taken by the institution for attracting and retaining eminent faculty

Faculty members and non-teaching staff are eligible to avail of CL working for the institute on non-working days and general holidays. Faculty members interested in pursuing a PhD on a Part-Time basis shall submit an application to the management through the principal seeking permission for registration.

Some other welfare measures provided by our institution:

- Pregnant ladies and lactating mothers are given necessary concessions in their day-to-day work and they are given flexible timings as per their requirements,
- Provident fund for all the employees who fall under the eligibility criteria as per norms
- Management-funded training programs for teaching and non-teaching employees.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

26

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The Management assesses faculty performance based on teaching, research, teamwork, organising co-curricular and extra-curricular activities, and published works. They are recognised and honoured at the time of Teachers' day. The assessment system encourages

employees to achieve and put forth their best efforts. Staff retention is one of the Institution's strengths.

The following variables are thoroughly examined in the evaluation procedure for teaching staff: Participating in conferences, workshops, faculty development programmes, and other innovative teaching approaches allows you to improve your skills. Pursuing further education (PhD), doing research, and securing patents. The proportion of students that passed the University Examination. Publication of works in Scopus indexed/impact factor/e-journals and conference proceedings, publication of chapters in books and book publication, carrying out funded projects, Mentoring and Counselling approach, feedback for HOD & Principal, feedback from students, Establishing rapport with peers active participation in teamwork. Undertaking new academic ventures and being team leads, rewards for outstanding achievements in their studies pursued after joining the institution. Attending specific conferences/workshops/training programs related to cells, for which they coordinate as team leaders.

Awards and rewards are given for being an excellent academicians-State and national level community service through the Institution and involvement in extracurricular activities outside the Institution.

File Description	Documents
Paste link for additional information	https://www.gietec.ac.in/_files/ugd/7d457c_e527ecb4c5a1467dbadc492eac3601b0.pdf
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institution has an internal and external auditing system, with internal auditors analyzing and verifying revenue, costs, and capital expenditures, and external audits on a quarterly basis. The institute consistently uses a system for internal and external financial audits. Officials delegated from the central office execute internal audits on a regular basis, and the reports are received before conducting the external audit, which

is typically done after the accounts have been closed in all respects. When the audit team notices minor mistakes, omissions, or commissions, they are quickly fixed or rectified, and precautions are made to prevent future occurrences. The institute consistently uses a system for internal and external financial audits. Officials delegated from the central office execute internal audits on a regular basis, and the reports are received before conducting the external audit, which is typically done after the accounts have been closed in all respects.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

GIET ENGINEERING COLLEGE is a self-financed institution, where the funds are generated through the fees paid by the students. Deficit is managed by taking advance from the parent trust.

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development.

- Institutional budget is prepared by Accounts department

every year taking into consideration of recurring and non-recurring expenditures.

- Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year.
- All the major financial decisions are taken by the Management of college.

All the major financial transactions are analyzed and verified under following sections:

- Research & Development
- Training & Placement
- Software & Internet charges
- Library Books / Journals
- Repair & maintenance
- Printing & stationary
- Equipment & Consumables
- Furniture & Fixtures

1. Institute adheres to Utilization of budget approved for academic expenses and administrative expenses by management.
2. Financial audit is conducted by chartered accountant every financial year to verify the compliance.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC of the college contributes significantly and the following two practices are institutionalized.

Practice 1: Facilitating Digitization of Teaching-Learning Process:

IQAC initiated to implement for creation of digital classes while teachers teach the lessons as a part of the Learning Management System. Teachers will be ready with all teaching content such as

video lectures, and study materials as per the lesson plan and the class work goes on as per the academic calendar. Feedback will be collected from students periodically to ensure the quality of the system.

Practice 2: Implementation of Outcome-Based Education:

Outcome Based Education is another initiative by IQAC and IQAC organized the workshops by inviting experts to explain the OBE approach to all the teaching staff members. As a part of this initiative, teaching staff prepared programme educational objectives (PEOs), programme specific outcomes (PSOs) and teaching staff members are able to write course outcomes (COs), Correlation of Cos with POs and PSOs. Preparation of question papers using Bloom's Taxonomy levels of learning and attainment of POs, and PSOs for each course which facilitates to implementation of OBE in the college.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

College reviews its teaching-learning processes, structures and methodologies periodically and the examples are presented here.

Review Mechanism of Teaching-Learning Process:

Review of the teaching-learning process will be carried out through attendance reports, the performance of students in mid-term examinations and assignments, lesson plans and syllabus coverage, classes and laboratory sessions conducted as per the academic calendar issued by the university, Course materials, and remedial classes for slow learners and participation of students in co and extracurricular activities etc.

Attainment of COs, POs and PSOs:

As a part of OBE implementation, IQAC reviews the attainment of COs, POs and PSOs after publishing the results by the University

and analyzes the gap between target and attained levels. If the targets are achieved then IQAC suggests increasing the target level for the next semester otherwise IQAC suggests the teaching staff members identify the probable cause in the form of observations and corresponding action to be initiated by the faculty member/HOD to achieve the target.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security:The Institution has a special cell called Student Grievances Redressal Cell through which it addresses the student's grievances related to academic and non-academic matters, such as any criticism, victimization by teachers.

2. Hi-Tech Surveillance system: The Institution maintains E-Surveillance with high resolution cameras throughout day and night. This facility of distributed recording has been set up in the campus to have a strict monitoring over any strangers entering the college by high quality CCTV cameras.

3. Hostels:There are different hostels for boys and girls. They are AC and non AC rooms. There are spacious dining halls to make them feel at home. Students' safety is monitored under a set of well-defined rules and guidelines of wardens.

4. Medical Facilities: Health center with a qualified doctor and a nurse is available in the campus to provide medical care to the students.

5. Counseling: Institution has consistently strived to address contemporary issues like gender sensitization, inferiority complex, ragging. We counsel through the various seminars, workshops and awareness programs by guest lecturers and senior faculty.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.gietec.ac.in/_files/ugd/7d457c_18b5a401189e436ebf89820c6992047c.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	No File Uploaded
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

In GEC campus the following initiatives are taken towards the waste management are as follows:

Solid Waste Management

The major solid waste materials generated in the college consists of horticultural waste, which include dried leaves or plant clippings from the lawn, paper, plastic, wrappers, glass, cardboard, and food wastes from canteen and hostel. Dustbins are positioned in each classroom, laboratory, rest room etc. Sweepers are allotted to manage all of the waste generated in the campus.

Liquid waste Management

The major liquid waste consists of effluents from lavatories. These are collected in the separate septic pits and allowed to settle into the soil. Since the effluent pits are not located close to any water bodies.

E-Waste Management

The Electronic equipment that cannot be refurbished is disassembled and segregated to send to recyclable units. E-waste generated in the campus is collected via the maintenance team and is appropriately disposed of through vendors.

Chemical Waste

Indiscriminate use of chemical compounds in laboratory liquid chemical wastes are effectively disposed, glassware used with inside the laboratory is rinsed with water and located with inside the liquid waste container. Inorganic wastes which include concentrated acidic or alkaline solutions are neutralized before disposal.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1.Restricted entry of automobiles 2.Use of bicycles/ Battery-powered vehicles 3.Pedestrian-friendly pathways 4.Ban on use of plastic 5.Landscaping 	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the	A. Any 4 or all of the above

following 1.Green audit 2. Energy audit
3.Environment audit 4.Clean and green
campus recognitions/awards 5. Beyond the
campus environmental promotional activities

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

GEC remains exemplary in executing cultural and social activities by providing an inclusive environment for the students. The purpose of conducting such events in the institute is to inculcate the sense of peace, equality & harmony among students.

The Institute affirms pristine transparency by meritorious admissions, indeed unbiased and keeps chances equally open to all students irrespective of the caste, creed, regions, and religion. The renowned institute maintains the sense of respect towards all cultural and technical activities such as Treasure hunt, Flash Mob, Postal Presentation, Project Expo etc.

The institution commemorates days like Sri Mokshagundam Visvesvaraya birth anniversary, the great guru Dr.Sarvepalli Radhakrishnan, Yoga Day. Women's Day celebrations are encouraged every year among the women and girl students to take up leadership roles and participate actively in all student activities etc. Awareness programs like Blood denotation camps, planting trees in nearby villages to safe guard environment takes place in the institution.

All national and state wide festivals are celebrated with full spirits. This built unity and reliance among students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

GIET Engineering College sensitizes the students and the employees of the Institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen.

The first and the foremost criteria of GEC is to furnish students with knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life and by empowering them with an educational experience where they can hone important skills for the future.

The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting eminent people. The institute conducted awareness programs by involving students to take the lead by planting trees, awareness on sanitary and hygiene, Swatch Bharat, etc.

International Women's Day on the 8th of March is observed every year. Various games and competitions are conducted for women. Various competitions like essay writing, elocution and singing, painting, Mahanadi are conducted to encourage girl students. The Celebration of National Festivals, commemoration of Birth and Death Anniversaries of great Indian Personalities takes place every year in the Institute with enthusiasm. The Institute celebrates Republic Day, Independence Day, and Gandhi Jayanthi etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.gietec.ac.in/_files/ugd/7d457c_dcdfaa8e167f44abb8360acf13aa737b.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website. There is a committee to monitor adherence to the Code of Conduct. Institution organizes professional ethics programmes for students, teachers, administrators and other staff. 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

GIET Engineering College celebrates Independence Day and Republic Day as part of the institution's commitment to upholding certain pristine principles and objectives. These wings are also inclined to organize national festivals, commemorate the lives of national leaders, and raise awareness of nationalism. Having respect for the ideas and philosophies of the great citizens of our country is also beneficial.

The institution commemorates the birth and death dates of notable Indians including Mahatma Gandhi, Dr. A.P.J Abdul Kalam, and Dr. Babasaheb Ambedkar. The institute is proud to celebrate Gandhi Jayanthi in honor of the nation's founding father, who is honored for his Ahimsa, honesty, and simplicity. The Institution celebrates March 8 is recognized as Women's Day as a sign of admiration for women's heroic efforts in both their personal and professional lives.

Dr. APJ Kalam's birthday is celebrated with National Education Day. The institute holds contests like elocution and essay writing in this aim. Every year, students and staff participate enthusiastically in International Yoga Day. Other national holidays celebrated in India include World Water Day, Teachers' Day, which is held on September 5 each year to commemorate Dr. Sarvepalli Radhakrishnan's birth anniversary.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice-I

1. Title of the Practice: Outcome Based Education Mechanism(OBEM)

2. Objectives of the Practice: Outcome Based Education(OBE) is a student-centred education system for assessing student performance. Knowledge, Skills, and Attributes are examples of outcomes Attitudes.

3. The Context: The Department Heads are the Program Coordinators(PCs) and major role players in carrying out all OBE activities.

4. The Practice

The Program Coordinator(PC) nominates Course Coordinators(CCs) based on the following

- Seniority and departmental involvement
- Knowledge expansion in developing fields

5. Evidence of Success: Regular meetings with PCs, ACs, CCs, and course teachers are held as part of OBE implementation to improve the OBE and ensure its success.

6. Problems encountered and Resources required: Difficulty in aligning OBE with traditional teaching methods and curriculum.

Best Practice II

1. Title of the Practice: An Innovative Approach to Enhancing

Employability Skills.

2.Objectives of the Practice:The goal of this practise is to give training to all students from second year onwards between semester breaks up to final year in order to improve Knowledge and Employability abilities.

3. The Context:To offer students with technical knowledge and working abilities as part of their professional career.

4. The Practice :The training is divided into sections: communication, aptitude, logical ability, and understanding of cutting-edge technology.

5. Evidence of Success :The training has increased the personality development was accomplished through presenting through communication through group discussion and Mock interviews.

6. Problems encountered and Resources required: There aren't enough training slots available during regular college hours.

File Description	Documents
Best practices in the Institutional website	https://www.gietec.ac.in/_files/ugd/7d457c_3e913180a506494ea318c3dba3e4ae0e.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

1. Platform for Placements

GIET Engineering College has raised the placement of its flag high. Students are sculpted beginning in their first year of study with well-designed training through different offline and online programmes to keep the learners on track catering to the demands for employment in the training process in addition to academics.

2. Green Cover zone - Sustainable Environment

One of the most captivating aspects of the institution is its magical ambience and beauty, which truly immerses one in it. To preserve a sustainable environment, waste management is carried out in accordance with government regulations, from garbage collection to waste disposal, while keeping the abundance of soil and the living environment in mind.

3. Faculty Club- Integrity and Sustainability

To maintain integrity and sustainability, GIET Engineering College formed the Faculty Club. The faculty club's mission is to look after the well-being of professors and students in need.

4. Digital Suite - Academics and Administration

Taking the lead in bridging the gap in the teaching and learning process along the lines of development and modes of learning, our institution is committed to excellence in encouraging quality teaching-learning, training, and assessment through the Digital Suite, Digital Content videos, Microsoft Office 365, and E-Cap.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

GIET Engineering College in Rajahmundry has set its sights on enhancing the quality of education and providing students with practical and hands-on learning opportunities. This objective can be realized through initiatives such as incorporating industry visits, internships, and live projects into the curriculum.

In addition, the college is determined to integrate the latest technology into its programs and promote research and development among students. To achieve this, the college plans to provide access to advanced technology, facilitate collaboration with industry leaders, and encourage students to participate in hackathons and similar events.

Moreover, the college intends to upgrade its infrastructure and facilities, including state-of-the-art labs, libraries, and classrooms. This will create an ideal learning environment and help students to concentrate on their studies.

In conclusion, the focus of the next academic year at GIET Engineering College in Rajahmundry is to provide students with a well-rounded education that prepares them for their future careers. By incorporating practical experience, promoting technological advancements, and improving infrastructure, the college is committed to helping students reach their full potential and contributing to the growth of the state and the country.