Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**GIET ENGINEERING COLLEGE**
Name of the head of the Institution	**Dr. S. Suryanarayana Raju**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**918297311119**
Mobile no.	**9652929111**
Registered Email	**principalgec@giet.ac.in**
Alternate Email	**principal_t9@yahoo.co.in**
Address	**NH-16, Chaitanya Knowledge City, Rajahmundry**
City/Town	**Rajahmundry**
State/UT	**Andhra Pradesh**
Pincode	**533296**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr.Y.VENKATESWARLU**
Phone no/Alternate Phone no.	**919177122334**
Mobile no.	**9949806418**
Registered Email	**iqac.gec@giet.ac.in**
Alternate Email	**principalgec@giet.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.gietec.ac.in/_files/ugd/7d457c_0e6f9d9edb58440886366f396a512b32.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.gietec.ac.in/academic-calendars

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.78**	**2017**	**27-Nov-2017**	**26-Nov-2022**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**23-Jun-2016**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Academic auditing	17-Sep-2018 2	5
Career Counselling on opportunities after B.Tech	28-Jan-2019 4	613
Orientation Program for first year students	23-Jul-2018 5	75
No Files Uploaded !!!		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	<u>View File</u>
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**No**
Upload the minutes of meeting and action taken report	**No Files Uploaded !!!**
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Conducted the meetings to improve the quality in institution in all aspects. 2. Conducted the parentteacher interactions frequently. 3. Feedback taken from parents are 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.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Formation of IQAC	IQAC Formed to renovation the standards of the Institution.
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 and academic and administration
Planning to conduct Conference	Conference conducted and published journals
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
College Academic Council	01-Apr-2023

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**05-Feb-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**1. The information regarding the details of all the faculty and students have been maintained by using ECAP. All the information in connection to attendance, internal marks, performance of the students, lesson plans and other relevant academic information of staff are being maintained and the required data shall be retrieved in the required form as and when needed. 2.Talley is used for maintaining the accounts details.**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The programs offer in GIET Engineering college, affiliated to Jawaharlal Nehru Technological University, Kakinada. Our Institution has a mechanism for well-planned curriculum delivery and documentation. Apart from the traditional teaching-learning methods of white board and lecturing method, our college lays great emphasis on curriculum delivery through practical learning. The college arranges an array of co-curricular activities to enrich the curriculum. Our college follows the Academic calendar issued by Jawaharlal Nehru Technological University, Kakinada. Principal, Heads of the departments, Time table co-ordinators prepare a draft of the time table which includes theory ,practical's, 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 Principal and Heads of the department are going to implement an action plan for the successful delivery of the curriculum, to implement this curriculum the heads of the departments conducts frequent meetings in their respective departments, to develop and ensure the quality of the teaching and learning process. To ensure effective curriculum delivery, every faculty member must submit a course file to the heads of the departments at the beginning of each semester. Regular interaction with Students of every class with the Principal ensures that lecturers complete their portion in time and effectively. The responses gathered via the student feedback survey helps us to identify areas of improvement in curriculum delivery and evaluation methods. The progress of the students is maintained through mid examinations, assignments and semester end exams. The College academic committee invites proposals from the departments for various skill development course schedule and certificate or add on programmes in the curriculum to enhance the overall development of the students.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
A Two-Week Certificate Program on FUEL CELL TECHNOLOGY	Nil	25/06/2018	48	Employabil ity	Renewable Energy sources
A Two-Week Certificate Program on VLSI semi custom design	Nil	25/06/2018	36	Employabil ity	VLSI semi custom design
A Two-Week Certificate Program on Soft skills and Personality Development	Nil	02/07/2018	36	Employabil ity	Soft skills

Name		Date	Count	Type	Topic
A Certificate Program on 3D Printing Technology	Nil	02/07/2018	33	Employability	3D printing
A Two-Week Certificate Program on Advanced Java Programming	Nil	02/07/2018	36	Employability	Advanced Java Programming
A Certificate Program on Strategic Internal Business Partner	Nil	05/11/2018	48	Entrepreneurship	Managerial skills
A Two-Week Certificate Program on Java Programming	Nil	26/11/2018	36	Employability	Java Programming
A Two-Week Certificate Program on LITHIUM ION BATTERY TECHNOLOGY	Nil	26/11/2018	48	Entrepreneurship	Fabrication of LITHIUM ION BATTERY
A Certificate Program on AUTOCAD	Nil	26/11/2018	36	Employability	AUTOCAD
A Two-Week Certificate Program on Introduction to Data Science	Nil	03/12/2018	36	Employability	Data Science
A Two-Week Certificate Program on Introduction to Robotics	Nil	03/12/2018	73	Employability Entrepreneur	Robotics
A Two-Week Certificate Program on HOME AUTOMATION	Nil	03/12/2018	48	Employability	IoT
A Two-Week Certificate Program on Internet of Things	Nil	18/12/2018	36	Employability	Internet of Things Applications

A Two-Week Certificate Program on Cyber Security Essentials	Nil	18/12/2018	39	Employability	Cyber Security
A Certificate Program on Service and Maintenance of engines	Nil	18/12/2018	36	Employability	Service and Maintenance of engines
A Two-Week Certificate Program on Revit Architecture Software	Nil	18/12/2018	44	Employability Entrepreneur	Revit Architecture software
Add on Certificate Program on Achieving Customer Service Excellence	Nil	15/04/2019	48	Entrepreneurship	Customer service skills

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NA	Nill

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	03/07/2018
BTech	Electrical &Electronics Engineering	03/07/2018
BTech	Mechanical Engineering	03/07/2018
BTech	Electronics&Communication Engineering	03/07/2018
BTech	Computer Science & Engineering	03/07/2018
MBA	MBA	03/07/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	820	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
IPR PATENTS	01/06/2018	183
Professional Ethics Human Values	01/06/2018	220
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Our institution strongly believes in holistic development and value building of the student. Hence their feedback is highly valued. The responses gathered via the student feedback survey helps us to identify areas of improvement in curriculum delivery and evaluation methods.The feedback forms were collected from students, teachers, employers, alumni and professionals. The feedback targets following different content for different stakeholders. For students, it addressed curriculum and its learning related issues in terms of quality, competence, skills and professionalism. This feedback also considers other issues like delivery of curriculum by teachers. For teachers, the feedback addressed issues like suitability the course and its need base, outcomes of the curriculum, relationship with course content and corresponding reference material, availability of reference materials in terms with curriculum, evaluation methods and curriculum delivery, etc. For employers, it addressed issues like general communication skills, developing solutions to real life problems, working in a team, creative challenges to challenges, organization skills, learning of new techniques, integration of technology for work as learnt through the curriculum. For alumni, it aimed for responses on adequateness of courses curriculum, sufficiency of syllabus content in context of current professional standards and curriculum design in context of development of self-directed learning and problem solving approach. Apart from subject knowledge measures have been taken to provide additional inputs and Ideas of the concepts which are relevant to the current job market requirement with special focus on hands-on industry relevant practical experience and internship work/ project work Thus the feedback given by the stakeholders were analysed and suitable action was taken so as to satisfy the expectations of both students, parents and employers. This further helped us to improvise our

curriculum as per the expectations of the stakeholders

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	**Nill**	**Nill**	**Nill**	**Nill**
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	**933**	**81**	**78**	**6**	**84**

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
84	**30**	**3**	**10**	**1**	**4**
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

GIET Engineering College , Rajamahendravaram mentored each student within mutual limits. Mentors have an open door. Each mentor keeps track each student on their progress. It consists of 60 students on an average 20 students are allotted to a mentor. Like that every class mentors. Every week counselling hour is included in the time table itself. Every week, there is counselling. These mentors extend their mentoring on education, stress management, personnel ragging, anti-social elements, anti-sexual harassment, behaviour, discipline, class behaviour, class works, preparations on examinations, time management etc. Mentors will evaluate students' knowledge levels and their ability in all kinds of performances. Mentors will motivate to reach their expectations. Mentors will also provide feedback after every regular counselling. Mentors encourage posing some general questions to understand and learn from the real situations. During or any problems from the student, mentors try their level best to solve the problems. The responsibilities of Mentors are: To identify the students when immediate help/attention/counseling. To help average and below average students to perform better in academics. To give guidance/suggestions for the slow learners. To Council the students having poor academic performance reported by the concerned class In-charges in presence of their parents/guardians. To coordinate parents regarding the progress of the students To ensure that every student comes to classes address the students' concerns - Handling stress, time management, communication skills, soft planning, placements, higher studies etc.,

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
896	**84**	**1:11**

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
81	84	0	0	5

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nill	NA	Nill	NA

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 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 (Quiz) 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 coverall the possible taxonomies to the maximum extent. For theory subjects, during the semester there shall be 2 tests. The weightage of Internal marks for 30 consists of Descriptive – 15, Assignment - 05 (Theory, Design, Analysis, Simulation, Algorithms, Drawing, etc. as the case may be and for Physics Virtual Labs to be consider as Assignments) Objective -10 (Conducted at College level with 20 Multiple choice question with a weightage of ½ Mark each). The objective examination is for 20 minutes duration. The subjective examination is for 90 minutes duration conducted for 15 marks. Each subjective type test question paper shall contain 3 questions and all questions need to be answered. The Objective examination conducted for 10 marks and subjective examination conducted for 15 marks are to be added to the assignment marks of 5 for finalizing internal marks for 30. Internal Marks can be calculated with 80 weightage for best of the two Mids and 20 weightage for other Mid Exam As the syllabus is framed for 6 units, the 1st mid examination (both Objective and Subjective) is conducted in 1-3 units and second test in 4-6 units of each subject in a semester. We have planned in such a way the evaluation is completed from time to time and submitted to the exam cell. The same has been displayed in the concerned department notice board and every student will be aware of their own performance. In addition to that, to enrich students' knowledge, we are conducting guest lectures, seminars, and technical workshops on recent trends. It will help the students to interact with the resource persons from reputed educational institutions and industries to improve their

skills. For assessment of seminars, summer internships, and projects, the faculty coordinator prepares a schedule of presentations of students in slots in consultation with the HOD and is communicated to students. Students present their work or report to the coordinator and evaluate on the basis of various parameters set by the respective coordinator. For assessment of laboratory course, an internal practical viva is conducted by a respective faculty member at the end of the course Also, the Tech-Fests like "SAHASARA" increase the student's strength and establish good relationships among the neighbourhood Institutions. Moreover, the students are allowed to engage themselves in social activities like NSS, Swatch Bharat the same has been evaluated on their quality of work culture.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Our college follows the academic calendar prescribed by Jawaharlal Nehru Technological University Kakinada. As per the guidelines of the university, the college conducts CIE. The college ensures strict adherence of the time frame for CIE prescribed by the university. In the beginning of the academic year, academic calendar is published by the University and our college which gives a time plan for CIE meant for students. This allows the teachers and the students to phase out their teaching and learning, and CIE. The pattern and the marks distribution of all the components is followed as per the university format. The tests are conducted in phased out manner to avoid examination stress of students with too many tests at a time. The performance of a student in each semester shall be evaluated subject – wise with a maximum of 100 marks for theory subject and 75 marks for practical subject. The project work shall be evaluated for 200 marks Apart from the CIE the college conducts model examinations at the mid of the academic year in line with the university year end examination pattern. These marks are the indicators to decide the course of nature for teaching slow learners and also to enhance their academic performance on the whole. Following the college academic calendar, teaching faculties creates action plan to ensure timely delivery of syllabus. Every teacher follows a strict agenda that is discussed in the staff meeting. The timeline created allows the staff to complete the given syllabus on time. The students are given plenty of time before the examinations to prepare and practice for year-end examinations. At any cost, the academic calendar is followed with full spirit by the teachers in terms of completing the task of CIE and preparing the students for year-end university examinations.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.gietec.ac.in/_files/ugd/7d457c_4805915dc8ed43e18273d3342f0d468d.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Nill	0	NA	0	0
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
One day workshop on Literature Review Techniques Creativity,Inventions and Innovation	Civil Engineering Department	18/06/2018
Seminar on University Ecosystem: A Hub of Opportunities for Startups and Entrepreneurship	Electronics Communication Engineering Department	09/07/2018
One day workshop on Defining Research Problem and Abstract writing for Ph.D. Thesis	Computer Science Engineering Department	23/07/2018
Seminar on Assessment Of Entrepreneurial Intention And Attitude Of B.Tech Students Towards Entrepreneurship	Civil Engineering Department	20/08/2018
Seminar on Women Entrepreneurship Issues, Challenges	Mechanical Engineering Department	15/09/2018
A One day workshop on Structuring your article correctly	Mechanical Engineering Department	03/10/2018
Seminar on Entrepreneurship and its challenges	Computer Science Engineering Department	24/12/2018
Seminar on Importance of IPR in Modern Global Economic Environment	Civil Engineering Department	02/02/2019
A One day workshop on Research Proposal	Electronics Communication Engineering Department	28/01/2019
Seminar on Challenges and	Mechanical Engineering	18/02/2019

Issues of IPR in Global Economy	Department	
Seminar on Innovation and entrepreneurship	Electrical Electronics Engineering Department	25/02/2019
A one day workshop how to Write an Abstract impove your article	Electrical Electronics Engineering Department	26/02/2019
Seminar on "5 Legal steps to Start-up"	Computer Science Engineering Department	05/03/2019
Seminar on Best Maintenance Practices	Electrical Electronics Engineering Department	22/03/2019
Seminar on Enforcement of Intellectual Property Rights	Electronics Communication Engineering Department	03/04/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NA	NA	NA	Nill	NA

View File

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NA	NA	NA	NA	NA	Nill

View File

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NA	0

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
Nill	NA	0	0

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
NA	0

No file uploaded.

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
[View File](#)						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
[View File](#)						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
[View File](#)			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NA	NA	NA	0
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
[View File](#)			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant

<div align="center" style="color:red">No Data Entered/Not Applicable !!!</div>

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs

<div align="center" style="color:red">No Data Entered/Not Applicable !!!</div>

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
94.73	26.5

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	Existing

<div align="center">No file uploaded.</div>

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
E-Cap	Fully	3.0	2017

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

<div align="center" style="color:red">No Data Entered/Not Applicable !!!</div>

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	225	4	1	15	4	8	7	100	0
Added	50	0	1	0	0	0	0	0	0
Total	275	4	2	15	4	8	7	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NA	**Nill**

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
0	0	0	0

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college makes sure that the school has the newest technology and most modern infrastructure. These infrastructure facilities, which include a lot of equipment, are purchased and maintained according to a set protocol. The proposal is initially submitted, and the college administration then evaluates it. After receiving the principals permission, quotes are requested. The relevant item is acquired and added to the stock registry following management approval. The college office also does stock verification at the conclusion of the fiscal year. Every year, the same procedure is followed for repairs, write-offs, and repurchases. The HODs report to the administrative office on a regular basis on the need for maintenance and repairs. Every semester break, the requirements are all handled collectively to maintain everything prepared for the next semester. Officers in charge of administration will be in charge of the academic requirements for students. • Teachers who oversee the upkeep of

their specific areas include those in charge of the computer lab, the library, the lab, etc. • Departmental libraries are available in addition to the Central Library. Three employees work in the central library and are responsible for maintaining rare books, collecting, issuing, and maintaining the librarys collection of books. Students are given library cards. • The colleges sports department is quite active, encouraging students to take part in a range of sporting events while also planning and organising them. • For 24-hour infrastructure security, we have individuals from the security agency. • The equipment like generators, water motors, pumps, water purifiers, and water coolers are also taken care of either by AMC or time to time inspection and repair. • At specified spots, we put fire extinguishers. Computers: 1. To better the education of the pupils, a centralised computer laboratory was constructed. 2. Faculty and student information is maintained using ERP software. 3. Each Department has a computer that is suitable for their needs. 4. WiFi and the Internet opened up campus. 5. There are resources for open access journals. • Lab assistants overseen by the system administrator keep the college computers and related equipment operating at peak performance. • The parking lot is clean and well-kept. It is properly looked after. • Surveillance cameras are used to monitor campus upkeep.

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Tuition/Hostel fee	201	Nill
Financial Support from Other Sources			
a) National	NA	0	0
b)International	NA	0	0
No file uploaded.			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skills training program	25/02/2019	180	Puli Rama Ravi kiran kumar Eluru College of engineering and technology Assistant Professor Department of English Contact no:9908310504 Email id:ravikiranpuli5@gmail.com
Language and Communication	12/03/2019	160	K.Estar Rajathy GIET COLLEGE OF ENGINEERING Assistant Professor Department OF

			English Contact no:9963302341 Email id:estherkomanapalli1982@gmail.com
Life Skills(Seminar on Physical Fitness)	22/08/2018	72	Mr.D. Suryanarayana Physical Director, Rajahmundry Contact: 7893942339
ICT – Seminar on MATLAB	20/07/2018	65	Dr. B. Jagadeesh Professor, GIET College of Engineering Contact: 8985305020
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 5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Coaching for competitive exams Program on Opportunities after B.Tech	85	613	0	215
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 5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
4	4	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
20	326	215	5	18	0
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to

No Data Entered/Not Applicable !!!

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Nill	**0**

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Representatives of the Class : Every class has a designated representative who serves as the liaison between the department and the students. Class reps are in charge of all daily operations. The class committee, which is established in accordance with JNTU Kakinadas regulations, disseminates important information on academic, co-curricular, and extracurricular activities. They bring to the notice of the class teacher and the head of the department if any academic issues in the class. Anti-Ragging Committee: According to AICTE regulations, there is an Anti-Ragging Committee in place that works to stop ragging on campus. This committee headed with heads of all the departments along with few faculty members and students try to build a ragging free environment in the college. Library Committee: Representatives from the faculty and students make up the group. It is in charge of adding new educational resources in accordance with AICTE regulations. The committee makes sure of proper utilization of the library resources in the college. Grievance Redressal Committee: The internal compliance committee investigates any claims made by faculty members and students. On the website, there is a separate section for online submission.. of the grievance. IQAC: The IQAC is in charge of carefully preparing and delivering academic activities in accordance with the academic calendar. The IQAC is composed of senior faculty members and chosen students. Department Association: With the HoD and a teacher in-charge in addition to students serving as office bearers, a department association is formed. To encourage academic performance, the association organises extracurricular activities and coordinates recurring events. Training and Placement Cell (TPC): TPC is in charge of educating students and preparing them for the workforce. The cell coordinates job fairs and offers students internship chances. Additionally, it runs educational campaigns on entrepreneurship and higher education. EDC and RD cell: EDC was founded to inspire students to start their own businesses. It offers details about start-ups, innovation, and incubator facilities. Sports

Committee: Boys and girls have many options to participate in sporting activities to maintain a physically fit and healthy body. The coordinator for the students works with the physical director to plan events. Women Empowerment Committee (WEC): The WEC is responsible for the welfare of female staff members and students. The cell is in charge of creating a welcoming environment on campus and organising various awareness campaigns. NSS: The NSS unit coordinates community service projects like blood drives, dengue awareness campaigns, plastic-free environmental initiatives, temple cleanings, and motivational events.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

No Data Entered/Not Applicable !!!

5.4.3 – Alumni contribution during the year (in Rupees) :

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

No Data Entered/Not Applicable !!!

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institution has decentralized and transparent mechanism in management, academic, administration, research and financial affairs. The management gave equal importance to teaching and non-teaching staff by issuing the responsibilities to run the Institution in peaceful manner. The Institution follows the guidelines issued by the regulatory bodies such as UGC, AICTE, affiliated university JNTUK, Kakinada and Andhra Pradesh State Council of Higher Education (APSCHE) while conducting the academic activities. As per the university curriculum all faculty members maintain course files which contains PO's, PEO's and PSO's and the related mapping which helps us the students to known the output of the particular subject. College gives utmost preference to the staff plays a vital role in the development and growth of the institution. College initiated several welfare measures to enrich psychological and physical health of all employees and create better work environment. The motivation of creating a better and vibrant atmosphere is that the talent faculty can teach, guide and inspire the young engineering aspirants and can contribute the best of their ability. College implemented effective welfare measures for teaching and nonteaching staff they are Transport, PF, Canteen, Summer vacation, Maternity/Paternity leave, Medical leave, Fee concession to the children of employees, Research/Publication incentives, Sponsorship for Training programs and online courses, Promotions as per norms, Compensatory/ Special leave, Fee towards professional bodies membership, OD (On-Duty/Official duty) will be granted to staff members when he/she is deputed official work. Department Academic Committees (DAC) It comprises of HOD and some experienced senior faculty members of the department. The Program Coordinator guides the faculty for preparing the course outcomes and CO and PO mapping. The coordinator will give suggestions for introducing new courses for each class has mentors with 1:20 to motivate the students in their academics. Our Institution has

encouraged the Industry Interaction via MOU's. These are brought by the individual departments as per the scope and field of their respective specializations. In this aspect, the corresponding HOD's of the departments are given freedom to identify and chose sign MOU's for the mutual benefit. The management of the Institution also encourages and supports such initiatives. The benefits that are accrued from the signing of MOU are internships, industrial training, consultancy, R D etc., The MOUs are signed with eminent Industry. Last year we signed MOU with Dreams Steps, Amaravathi software innovations Pvt. Ltd.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
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 . • 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
Admission of Students	• Admission policy is made by the APSCHE. • 70 of admissions are filled by convenor, APEAMCET, and 30 by institution.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details

Administration	ECAP- WEBPROS SOLUTIONS K.M Towers, CBM Compound, Visakhapatnam.
Finance and Accounts	TALLY POWER OF SIMPLICITY K.M Towers, CBM Compound, Visakhapatnam.
Student Admission and Support	ECAP- WEBPROS SOLUTIONS K.M Towers, CBM Compound, Visakhapatnam.
Examination	ECAP- WEBPROS SOLUTIONS K.M Towers, CBM Compound, Visakhapatnam.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
30	0	6	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Free Bus fecility for all teaching faculty 2. PF Fecility for eligible faculty as per	1. Free Bus fecility for all non-teaching faculty 2. PF Fecility for eligible non-teaching	1. Free bus fecility for poor students. 2.SC,ST scholar ships providing for eligible

| the organization norms 3. Faculty querters for the non-local faculty 4. Lunch fecilty in college canteen with low cost | as per the organization norms 3. Lunch fecilty in college canteen with low cost | students. |

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The institution has an internal and external auditing system. In addition to the external auditors, we also have our own internal audit system in place, which we use to annually examine and validate all of the Institutes income, expenses, and capital expenditures. A group of staff members working under qualified internal auditors who were permanently hired from outside sources thoroughly examine and verify each financial years transaction vouchers. Similar to that, an extensive external audit is also performed on a quarterly basis. Both internal and statutory audits are performed on the institutional accounts on a regular basis. There have not yet been any significant discoveries or objections. 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. Statutory auditors do an external audit after June 30 of the following year. There have not yet been any significant discoveries or objections. 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. Statutory auditors do an external audit after June 30 of the following year. The yearly returns have been sent to the Income Tax authorities, Registrar of Societies, Andhra Pradesh, and the other relevant agencies after the consolidation of the findings of the Institutions with Central Office was finished.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NA	0	0

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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Invites from Industries and UNIVERSITY	Yes	IQAC

Administrative	Yes	Invites from Industries and UNIVERSITY	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Parents are regularly intimated about the attendance and progress of their wards via E-Cap and postal, telephonic correspondence. 2. Parent Teacher interaction meetings are being once in the semester conducted to solve the identified issues related to students .. 3. Feedback from parents collected in the prescribed formats are analyzed and used for further Development.

6.5.3 – Development programmes for support staff (at least three)

1. Training programs are conducted on regular basis either by the technical people from the equipment/instrument suppliers to upgrade their skills in handling and maintaining them in Laboratories. 2. adequate training and instructions are given on regular basis particularly whenever Laboratory curriculum is changed to update as per the requirements. 3. Staff are encouraged to pursue higher studies. 4. Promoted to suitable next level as per Qualification and skills.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. To achieve good grade in NAAC. 2. To get NBA for ECE, CSE and Mechanical branches. 3. To get NIRF Rank. 4. To become an Autonomous Institution.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
A Motivational Talk on Gender Equity and Women Empowerment	28/03/2019	28/03/2019	170	130
National safety day	04/03/2019	04/03/2019	160	150

Women's day	08/03/2019	08/03/2019	190	140
A Motivational Talk on Gender Equity	12/09/2018	12/09/2018	150	180

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
The staff members and students have started initiatives to save electricity power and have developed a policy for reducing consumption of electricity by using LED lights and replacing the old tube lights with LED lights. The students commuting from far-off places use the public transport system by utilising the bus pass facility at subsidized rates which was provided to them by state Govt. Many of the staff members use car-pooling and/or two-wheelers. All the computer monitors have been replaced with LED/LCDs monitors. Replacement of old appliances like lights, fans with energy-efficient appliances is in progress. The process of the paperless office and use of e-documents for routine work has been started. GIET College management have taken suitable measures for a Smoke- free and Tobacco-free campus. The relevant placards are displayed to highlight the need for a Clean, Green, and Eco-friendly environment. These initiatives call for a comprehensive review of all infrastructural, administrative functions from the standpoints of sustainability and the environment. The relationship between college and nature is a long and enduring one, to ensure that students and staff of the college are aware of the Green Environment Initiatives. The college conducts a Green Environment through a committee comprised of the principal, NSS Program Office Student Representatives. Tree Planting: To keep the campus green a the campus places a high value on tree planting, including medium trees. College is committed to protection and preservation of life on the planet. It believes in GIET motto of Go-Green and Grow Green. A separate area has been set up on the campus for the segregation of solid waste like plastic bottles, wrappers, cardboard, broken glasses, e-waste materials etc. These wastes are kept in coloured bins as per standard guidelines. A government authorized rag picker usually collects this waste once in a week. The College has constructed compost pits for making manure from the garden waste such as leaves and grass trimmings.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	No	0
Ramp/Rails	Yes	2
Braille Software/facilities	No	0
Rest Rooms	Yes	2
Scribes for examination	Yes	2
Special skill development for differently abled students	No	0
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	2	2	08/09/2018	Nill	NSS BLOOD CAMP	RAJANAGARAM	120
2018	1	1	02/10/2018	Nill	SWATCH BHARAT	VELUGUBANDHA	72
2019	2	2	12/03/2019	Nill	LITERENCY SURVEY	CHAKRADWAR BANDAM	45
2019	1	1	29/03/2019	Nill	ROAD SAFETY and SURVEY	AT COLLEGE NH-16	42

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct for students 17-6-2018 Faculty and Physical Director are monitoring keen observation in students dress code and shoe, ID cards regularly and counselling them those who are not wearing.	17/06/2018	Code of conduct for students 17-6-2018 Faculty and Physical Director are monitoring keen observation in students dress code and shoe, ID cards regularly and counselling them those who are not wearing.
Code of conduct for Teaching and Non-Teaching staff 11-6-2018 Principal, Vice principal and all HOD's monitoring Faculty dress code and Observing Time punctuality.	11/06/2018	Code of conduct for Teaching and Non-Teaching staff 11-6-2018 Principal, Vice principal and all HOD's monitoring Faculty dress code and Observing Time punctuality.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The major solid waste materials generated in the college consist of horticultural waste, which includes dried leaves or plant clippings from the lawn, paper, plastic, wrappers, glass, cardboard, and food wastes from the

canteen and hostel. Dustbins are positioned in each classroom, laboratory, restroom, canteen, and at different places on the campus. Sweepers are allotted to manage all of the waste generated on the campus. All waste/garbage from the college and hostel is segregated at the source and disposed of in a proper manner. The collected food waste is deposited in the biogas plants. The gas made out of the biogas plant is used for cooking purposes. GIET Engineering College does not allow all the vehicles enter in to the campus premises only the staff and student vehicles should be allowed to enter. We are conserving the environment with preserving green campus. Any outside vehicle would be allowed to enter after getting proper permission from the main gate security. In our college campus only authorised vehicles can enter and most of them should be parked in the parking zones. GIET Engineering College encourages the faculty members and students to use the public transport for safety, security and fuel conservation in every month to minimize the carbon dioxide emissions. The institute is located on the national highway Nh-16 Road. College allows all the bicycles and battery powered vehicles of college staff and students. Bicycles parking zone: The faculty members and students residing close to the campus are encouraged to come by bicycles. Thus carbon dioxide emissions are minimized on the campus. There are walkways inside the campus that lead to other branch departments, laboratories, the main library, exam rooms, canteens, administrative offices, and other location. Everyone on campus took action to designate the area as a plastic-free zone. NSS volunteers played a significant role in these types of events by organising rallies and spreading awareness of Swatch Bharat, Clean and Green, and the ban on plastic in and around the campus.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice-I Title of the Practice: Outcome Based Education Mechanism Objectives of the Practice: Outcome Based Education (OBE) is a student-centered education system for assessing student performance (i.e. Outcomes). Knowledge, Skills, and Attributes are examples of outcomes Attitudes. To ensure that a college curriculum satisfies the quality criteria of the profession for which graduates are trained. Despite the fact that the evaluation process contains various terminology such as Program Educational Objectives (PEOs), Program Outcomes (POs), and Course Outcomes (COs), diverse responsibilities are taken into account while implementing and executing the Outcome Based Education process. Academic Coordinators, for example, play an important role in the implementation of activities under various modules of the programme. The Academic Coordinator is responsible for monitoring class work in the respective departments as part of Teaching-Learning and interacting with Course Coordinators and faculty for the activities of Attendance registers entry and Course file maintenance, Syllabus coverage, and COs and POs Attainments. Mid-term test evaluation is also reviewed, with Weak, Average, and Bright pupils identified for further follow-up by the appropriate class teachers. The goals of outcome-based education are to establish high academic standards. ? Better course teaching execution. ? To maintain transparency in student evaluations. ? To provide students with essential autonomy and core support. The Context: In the framework of OBE, the Department Heads are the Program Coordinators (PCs) and major role players in carrying out all OBE activities. Through Course Coordinators, the PCs will monitor and review the activity of the programmes for all years (CCs). PCs with CCs evaluate courses based on the Programs requirements. CCs are in charge of delivering individual course instruction as well as the associated activities. PCs meet with Academic Coordinators (ACs) and Curriculum Coordinators (CCs) to plan and execute the Program. The ACs, CCs, and Class Teachers are in charge of planning, delivering, and assessing the outcomes of the departments courses during the semester/year. ACs, CCs, and

Class Teachers are to collaborate on day-to-day activities and with the PC on overall course management. Academic excellence in knowledge, pedagogy, and alignment of learning activities with course outcomes and assessment is required of CCs. The Practice: The Program Coordinator (PC) nominates Course Coordinators (CCs) based on the following criteria with the goal of attaining excellence in RCE for Academic programmes and enabling student achievement at the institution. ? Courses offered (multiple times) ? Seniority and departmental involvement ? Possession of Domain Knowledge Team spirit and a pleasant demeanour ? Knowledge expansion in developing fields The following activities must be investigated by the Course Coordinator: to create a uniform course material outlining the syllabus and the subject to be covered provided in each session The teaching method(s) used must also be specified in the course content. To construct a lesson plan that provides the particular time allocation for each of the units subtopics in order to arrange the syllabus covered in a consistent manner according to the Academic calendar. To produce PPTs on advanced themes from the syllabus. Textbooks, reference books, other online resources, video lectures, and so forth are all suggested. Identify inequalities in course delivery as per the lesson plan and provide relevant action plans to solve such run time issues. Weekly course sessions will be used to track the courses progress. Discuss and approve the subject themes for the forthcoming week. After discussion at the course meeting, present viable remedies to difficulties highlighted regarding the delivery of the syllabus and the manner to be altered. To discuss the internal assessment question bank, set internal examination question papers, and design an internal examination evaluation scheme. 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. At this conference, COs and POs attainments are computed jointly. Both Educators and Learners gain from the application of Outcome Based Education, and further information is accessible from the departments various Course instructors. Best Practice II Title of the Practice: An Innovative Approach to Enhancing Employability Skills 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 via the use of training programmes conducted by internal trainers and external organisations. The Context: To offer students with technical knowledge and working abilities as part of their professional career. Communication, initiative to lead the group, innovation, and team building skills are essential for success in their job. Training programmes are planned and assessed. The Practice: Training sessions involving external groups are run continuously for 300 hours. The training is divided into two sections: communication, aptitude, and logical ability, and understanding of cutting-edge technology. These are made up of eleven and fourteen modules, respectively. The 150-hour course was taught to final-year students from all branches. The students are separated into five groups. Each batch attends six two-hour sessions each week. Throughout the academic year, 150 sessions are planned for all batches. These sessions include the following: ? Verbal skills ? Speaking/Writing/Reading skills ? Aptitude and Quantitative Logic Building ? Technical Training ? Cutting edge Technologies ? Basic reading comprehension skills ? Effective active listening skills ? Body language Evidence of Success: The following findings were reached after assessing students for programmes on employability skills. The training has increased the students ability to write individual reports.Personality development was accomplished through presenting through communication through group discussion.Mock interviews are undertaken as part of training, which results in improved placement success.With the best packages, a good number of placements are obtained.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your

https://www.gietec.ac.in/_files/ugd/7d457c_9b87dcd3369b4a2ea886d729c4a2f050.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

1. Platform for Placements With record placements in the previous year, GIET Engineering College has raised its flag high. It is on the cutting edge by allowing its students to work while completing the course. Students are sculpted beginning in their first year of study with well-designed training through different off-line and online programmes to keep the learners on track catering to the demands for employment in the training process in addition to academics. Much focus is placed on skill development, which helps students enhance their technical, logical, analytical, and verbal skills. Above all, it develops an individuals personality so that he or she is confident and capable of seizing the chance. A partnership cell with six training institutes has been formed.An industry institute partnership cell has been developed with 06 training platforms for students in order to mould them into productive employees. Learners are pruned in needed aptitude and soft skills by well-trained and experienced teachers. Mock interviews, for example, allow the learner to experience and comprehend the requirements for the interview and job. A total of 14 top software and core firms visited the school, and 63 students were placed in various companies. 2. Green Cover zone – Sustainable Environment Our academics and placements in GIET Engineering College are very well. It is spread around 10.43 acres of land in Rajanagaram, East Godavari Dist. One of the most captivating aspects of the institution is its magical ambience and beauty, which truly immerses one in it. The university is dedicated to maintaining an environmentally friendly environment and a zero-emissions campus. The energy or electricity used for various purposes is generated by renewable energy sources like as solar panels and wind turbines installed on academic buildings, which also contribute to the conservation of non-renewable resources. The well managed plants and flora fauna found in the college grounds obviously speak volumes about the colleges sustainable environment. 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. Understanding the urgency of water shortage, the institution took a significant step toward minimising water usage. Raw water from RO plants and household water discharged at the college are sent to the gardens and mango grove. To preserve a clean, green, and healthy environment, the institution maintains a policy that prohibits the use of plastic and restricts the admission of cars. 3. Faculty Club- Integrity and Sustainability To maintain integrity and sustainability, GIET Engineering College formed the Faculty Club. The faculty clubs mission is to look after the well-being of professors and students in need. We collect funds from the whole Teaching faculty on a monthly basis to fund activities such as New Years Eve, Pongal, Dasara, Diwali, and birthday celebrations for all faculty members, demonstrating honesty. Faculty club also assists impoverished students in various aspects, such as paying university test fees, purchasing notebooks, and covering medical expenditures for poor students and

Provide the weblink of the institution

https://www.gietec.ac.in/_files/ugd/7d457c_daca43df8a1c458da590a59ef1ba3dab.pdf

8.Future Plans of Actions for Next Academic Year

As the academic year approaches for an engineering college under JNTU Kakinada affiliation in Andhra Pradesh, it is crucial to have a well-planned strategy in

place. The objective is to ensure that students receive the best possible education, even in the face of challenging times. To achieve this goal, there are several essential aspects of the plan of action that the college must consider. Firstly, the college should consider implementing innovative teaching methods that make learning more interactive, engaging, and effective. A mix of in-person and online classes, group discussions, practical sessions, and hands-on projects can help achieve this objective. By doing so, the students engagement and understanding will improve, resulting in a better learning experience. Another critical factor in creating a conducive and comfortable learning environment for students is ensuring that the college infrastructure is up to the mark, and all necessary facilities are available to students. To provide students with access to the latest technology and resources, the college should consider upgrading its labs and equipment, libraries, and computer facilities. By doing so, students can perform their academic activities more efficiently, and learning will become more comfortable and convenient. To help students make informed decisions about their future careers, the college must focus on enhancing their industry-readiness skills. This can be achieved by organizing guest lectures, industrial visits, and internships to give students a glimpse of the professional world. The college should also collaborate with leading industries to provide students with live projects and work opportunities. Moreover, the plan of action should also include measures to promote extracurricular activities and holistic development among students. These activities can include organizing sports events, cultural festivals, and technical fests, giving students a platform to showcase their talents and skills. Such activities can help students build leadership qualities, team spirit, and a sense of community and belonging, thus promoting holistic development. Finally, the college should prioritize the professional development of its staff to ensure that they can deliver quality education and support to students. The college should organize regular training and development programs, workshops, and seminars to keep staff up-to-date with the latest trends and developments in their respective fields. This can help create a positive work culture and motivate staff to perform their best, contributing to a better learning experience for students. In conclusion, a well-planned strategy is crucial for an engineering college under JNTU Kakinada affiliation in Andhra Pradesh to provide quality education to students. The plan of action should prioritize the safety and well-being of students and staff, focus on creating a conducive learning environment, promote industry-readiness skills, encourage extracurricular activities, and invest in staff development.