



## YEARLY STATUS REPORT - 2023-2024

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	Geethanjali Institute of Science and Technology
• Name of the Head of the institution	Dr.Sundeep Kumar K
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08622212769
• Alternate phone No.	9845225038
• Mobile No. (Principal)	9845225038
• Registered e-mail ID (Principal)	principal@gist.edu.in
• Address	3rd Mile, Nellore-Bombay Highway, Gangavaram (V),Kovur (M)
• City/Town	S.P.S.R Nellore
• State/UT	Andhra Pradesh
• Pin Code	524137
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	07/12/2021
• Type of Institution	Co-education
• Location	Rural

• Financial Status	<b>Self-financing</b>				
• Name of the IQAC Co-ordinator/Director	<b>V. Ramu</b>				
• Phone No.	<b>9042662401</b>				
• Mobile No:	<b>9042662401</b>				
• IQAC e-mail ID	<b>iqac@gist.edu.in</b>				
<b>3. Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://gist.edu.in/gist/wp-content/uploads/2024/11/AQAR-FOR-AY-22-23.pdf">https://gist.edu.in/gist/wp-content/uploads/2024/11/AQAR-FOR-AY-22-23.pdf</a>				
<b>4. Was the Academic Calendar prepared for that year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://gist.edu.in/gist/wp-content/uploads/2025/01/College-Academic-calendar-2023-24.pdf">https://gist.edu.in/gist/wp-content/uploads/2025/01/College-Academic-calendar-2023-24.pdf</a>				
<b>5. Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.05</b>	<b>2021</b>	<b>15/02/2021</b>	<b>14/02/2026</b>
<b>6. Date of Establishment of IQAC</b>			<b>02/07/2008</b>		
<b>7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?</b>					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	
<b>8. Provide details regarding the composition of the IQAC:</b>					
• Upload the latest notification regarding the composition of the IQAC by the HEI	<a href="#">View File</a>				
<b>9. No. of IQAC meetings held during the year</b>	<b>4</b>				

<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	Yes	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>	
<b>10. Did IQAC receive funding from any funding agency to support its activities during the year?</b>	No	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>Participation in NIRF Collection, analysis of Feedback from all stakeholders like students, parents, alumni, employer and action taken for improvement Academic Administrative Audit (AAA) conducted Promoting Entrepreneurship Initiating Student Satisfaction Survey and Parents Feed Back mechanism. The forms were designed and made available on college website, Quality imitative, Faculty Research incentive, Online Guest lecturers</p>		
<b>12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:</b>		
Plan of Action	Achievements/Outcomes	
<p>To conduct external Academic Audit, Curriculum Development, Conduct FDP, Promote Research culture, NSS activities</p>	<p>conducted Academic audit with external academicians, Curriculum Development by Department Board of studies, FDP-2, Paper publication, participation in extension activities like NSS, blood donation camps, and environmental awareness programs,</p>	
<b>13. Was the AQAR placed before the statutory body?</b>	Yes	
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>		

Name of the statutory body	Date of meeting(s)
25th Governing Body	02/08/2024

**14. Was the institutional data submitted to AISHE ?**

Yes

- Year

Year	Date of Submission
2023-24	04/01/2025

### 15. Multidisciplinary / interdisciplinary

Encouragement for Multidisciplinary mode of Learning in the Institute Globalization has a great influence on the present century job market and professions, specifically regarding science and technology. A multidisciplinary engineering degree is a great option for those seeking flexibility and opportunities in multiple fields. With creative combination of subjects, cutting edge curriculum, flexible options, and multiple entry and exit options during the undergraduate course, students can explore their areas of interest and also choose careers of their choice. Students entering the industry will no longer be narrow specialists but generalists with relevant depth of their chosen discipline. Our Institution has the strong vision is to enable the ecosystem for offering multidisciplinary education and to produce all-rounder engineering graduates. The success of this approach in honing critical thinking skills will no doubt be strengthened by a supportive curriculum. Therefore a flexible curriculum is framed to grab the knowledge letting students with multiple entry and exit options. The curriculum allows the students to choose open electives offered by other disciplines.. Every year 50% of the under graduate projects are executed with the involvement of multi-disciplinary importance and produces the products required by the society. Trainings are being offered on various latest skill oriented courses introduced in the curriculum. Workshops and value added courses are frequently conducted incorporating the multi-disciplinary flavour in various disciplines. Enactment of Mineral Admixtures as supplementary cementitious in concrete, An Experimental study of floating concrete, Experimental investigation on bricks by using flyash and raw rice husk, Smart Health Assistant: AI-Driven Self Diagnosis and Disease forecasting, Facial Emotion Modulation: Leveraging star generative adversarial networks for expression transfer, AI Bot for

Academic schedules using RASA, Building an interactive tourism Chatbot for Nellore location, Design a Borewell Rescue ROBOT for Underground Emergency Solutions, IoT Based Temperature & Humidity Controlled Agriculture Harvesting System, IOT - Multi Secure Bank Locker Access, IoT Based Smart Vehicle Parking and Automatic Billing System Using RFID, IoT Smart Poultry Farming, Advanced Soldier Security System With Real-Time Position Tracking And Enhanced Threat Detection, Raspberry pi based sign to speech conversation system for mute community, Smart farming system using raspberry pi pico for efficient crop growth, Garbage Collector Robot, Self-Balancing Gyroscopic E-Bike, Fabrication and Analysis of Borewell victims rescue Robot, Solar powered River cleaning machine, Design and fabrication of pedal operated Go-kart.

#### **16.Academic bank of credits (ABC):**

INSTITUTION PREPAREDNESS FOR NEP 2020 ACADEMIC BANK OF CREDITS (ABC) As per NEP 2020 policy, all the students of our institution are advised to register for ABC (Academic Bank of Credits) through Digilocker account. With guidelines of University, we instructed our students to register for ABC. The procedure for ABC registration is as follows: Creating ABC Account (for Students) 1. Visit the page - <https://www.abc.gov.in/> 2. Click on "My Account" > "Students" 3. DigiLocker sign in Page appears 4. Signin through DigiLocker Account 5. ABC account gets created and a unique 12 digit ABC ID gets created and flashed on the screen. The students are under the registration process and in soon it will be get completed. After the registration process, the ABC ID data of all students will be get maintained at our institution. Total students registered ABCID: 2118

#### **17.Skill development:**

Skill development: GIST focusses on skill development to enable the students for acquiring desired competency levels. In this context, The college has implemented Outcome Based Education (OBE) in the curriculum and syllabus provided by JNTUA, which focusses on skill development, apart from the regular lab courses, seminars, miniprojects and project courses. The college has a dedicated centre, namely, APSSDC -CM's Skill Excellence Centre (CMSEC), supported by the government of Andhra Pradesh, which offers skill training to the selected students in advanced technologies. GIST is knowledge partner of IIT Bombay's Spoken Tutorial program which support to train students on Basics Computer Skills, Software and IT. In association with Atul Incubation Centre - Sri Krishnadevaraya University (AIC-SKU), GIST developing the entrepreneurial ecosystem in the college. Institute has dedicated "Training, Placements and Career Guidance Cell". It provides capacity building programs and

skill inculcation programs through Campus Recruitment Training (CRT) to increase placement rate. Also signed on MoUs with various organizations like Edu skills Foundations. Ladder Survey Institute of Technology. Weber India Power (OPC) Pvt Ltd. CODETANTRA Tech Solutions Pvt. Ltd. Hyderabad Institute of Electrical Engineers (HIEE). Assistive Technology. TCC Global Engineer's Solutions Pvt Ltd. etc. and institutes for creating awareness on emerging courses, industry technologies, projects, practices. With initiations of Industry Institute Coordination Cell (IICC) Courses in all programs are organized in such a way that students get opportunities for experimental learning and skill development through internships, field works, industrial visits, workshops, project works through hands-on learning methods. Students are offered value added courses based on student capability and interest. These include life skills, soft skills, aptitude trainings, and engineering technologies like Machine Learning, Etabs, Software Testing Tool Selenium, AWS Cloud Computing - Solution Architect, Web Development Using Django framework, Java, Mobility and Device Fundamentals, Total Station and CATIA etc. Institute also provides TOEFL, GRE and GATE awareness programmes through Institute of Management and Foreign Studies (IMFS) In order to provide value-based education, institute provides courses and events on Universal Human Values, Research Methodologies, Indian Constitution and Life-Skills. In addition, GIST celebrates important days to inculcate the values of truth, justice, peace, love, and non-violence among the student community. IIC Activities are Workshop on "Entrepreneurship and Innovation" as Career Opportunity Activity My Story - Motivational Session by Successful Innovators Support. My Story -Motivational Session by Successful Entrepreneur/Start-up founder Session on Problem Solving and Ideation Workshop Exposure and field visit for problem identification Organize an Inter/Intra Institutional Idea Competition/Challenge/Hackathon and Reward Best Quarter 1 (1st September -30th November) Mentoring Event: Demo Day/Exhibition/ Poster Presentation of Ideas/PoC & linkage with InnovationAmbassadors/Experts for Mentorship, Workshop on Design Thinking, Critical thinking and Innovation Design Organizing Innovation & Entrepreneurship Outreach Program in Schools/Community Product-Market Fit Organize an Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech-Transfer Workshop on Entrepreneurship Skill, Attitude and Behavior Development Best Innovations. Conduct a Session on Achieving Problem-Solution Fit and Field/Exposure Visit to Pre-incubation units such as Idea Lab, Fab lab, Makers Space, Design Centers, City MSME clusters, workshops etc. Organize an Inter/ntra Institutional Innovation Competition/Challenge/Hackathon and Reward Quarter 2(1st December

28th February) Mentoring Event: Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with innovation Ambassadors/Experts for Mentorship Support.

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

Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course) AICTE e-KUMBH is a technical book writing scheme initiated by the All India Council for Technical Education (AICTE) in alignment with the provisions of the National Education Policy (NEP) 2020. The scheme aims to provide outcome-based technical education books in different Indian languages to students and faculty members across all technical institutions in India. These books are based on a model curriculum and are aligned with the mapping of course outcomes, program outcomes, and unit outcomes. They also include recent information, interesting facts, QR codes for e-resources, ICT usage, projects, and group discussions. The second, third, and fourth-year books are available in English as well as 12 Indian languages. Additionally, students are provided with internet access in the library to review literature on the AICTE e-portal. The regional language club, Telugu Maha Sabha, organizes various literary and cultural events for students. Training in yoga and meditation is also part of the regular activities for students. Universal human values are imparted to all students through induction training programs using online resources.

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

Engineers & technologists contribute significantly in our social development, economic progress, and enhancement of social and physical infrastructure. Industry in general and manufacturing in particular are facing unprecedented challenges due to globalization. Consequently, the business environment of manufacturing enterprises is facing increasing complexity. The engineering graduates and researchers with the ability to understand the technological complexities, the creative arts and skills are increasingly sought after by industrial and business world. Team-based activities are of great importance for students to learn and tackle and solve the complex global issues at later life. Self study and own initiatives of engineering students at learning stage enable and sharpen them to emerge out as highly acceptable engineers. The Washington Accord which emphasizes on outcome based learning is gaining increasing acceptance among many countries. Engineers & technologists contribute significantly in our social development, economic progress, and enhancement of social and physical infrastructure.

Industry in general and manufacturing in particular are facing unprecedented challenges due to globalization. Consequently, the business environment of manufacturing enterprises is facing increasing complexity. The engineering graduates and researchers with the ability to understand the technological complexities, the creative arts and skills are increasingly sought after by industrial and business world. Team-based activities are of great importance for students to learn and tackle and solve the complex global issues at later life. Self study and own initiatives of engineering students at learning stage enable and sharpen them to emerge out as highly acceptable engineers. The Washington Accord which emphasizes on outcome based learning is gaining increasing acceptance among many countries. The traditional system of education focuses on teachers inputs and presume that learning has occurred. OBE is an educational approach and a learning philosophy, focusing and organizing the entire academic programs (curriculum) and instructional efforts around clearly defined 'outcomes' that all students have to demonstrate when they complete the program. It is a student centered instruction model that focuses on measuring student performances through outcomes. Outcomes are usually expressed in terms of a mixture of knowledge, skills, abilities, attitudes and understanding that a student will attain as a result of successful engagement and demonstrate his/her skills through more challenging tasks and higher order of thinking. The quality of an educational Institute is measured based on the accreditations it has got for the quality education offered and OBE is benchmarked as a standard for accreditation. In our Institute we successfully adopted OBE model and got accreditations from NBA and NAAC. Under the OBE model, the graduates' progress in different parameters was measured through: Course Outcomes (CO) Program Outcomes (PO) Program Educational Outcomes (PEO) Course Outcomes (CO) are the measurable parameters which evaluates each student's performance in blooms taxonomy levels for each course that the student undertakes in every semester. The various assessment tools followed in our Institute for measuring Course Outcomes include Mid -Semester and End Semester Examinations, Tutorials, Assignments, and student Feedback on COs etc,.Course files for every Individual course were prepared and verified the CO attainments. POs indicate what students are expected to know and be able to do Pby the time they graduate from the Institution. POs are not directly connected to any specific academic disciplines. POs also reflect the Vision, Mission and Core Values of the institution. Examples of Program Outcomes Include: Deep discipline knowledge Critical thinking and problem solving Teamwork and communication skills Career and leadership readiness Intercultural and ethical competency Self-awareness and emotional intelligence The POs attainment was verified by developing a global matrix between COs



and POs for all the courses, Labs, Projects, Seminars and Internships etc. If the attainment level was found to be less than 50% of the max attainable value, guest lectures, Industrial/field visits were scheduled and improved the PO attainment. 20% weightage was given for Exit feedback, Alumni feedback and Employer feedback for finalizing the PO attainment. Program Educational Objectives (PEOs) are the skills expected of the student after 4 or 5 years of completing the graduation.

## 20.Distance education/online education:

Distance education/online education Since the covid pandemic, the institution has adopted to the changes to teaching learning classes from classroom teaching to blended learning. Google drive, Google classrooms are effectively used for course conduction and evaluation process. Each course contents are available on Goggle classroom including syllabus, PPTs and notes. The assessments of the courses are done through online assignments, quizzes. The MCQ tests are conducted using Moodle platform. Online sessions are conducted and recorded on Google meet. Various student activities are conducted online using Google meet.

## Extended Profile

### 1.Programme

1.1 08

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2.Student

2.1 2554

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 555

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3

**2517**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

**3.Academic**

3.1

**762**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2

**173**

Number of full-time teachers during the year:

## Extended Profile

### 1. Programme

1.1 08

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2. Student

2.1 2554

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 555

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3 2517

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 3. Academic

3.1 762

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2	173
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3	173
Number of sanctioned posts for the year:	
<b>4.Institution</b>	
4.1	576
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	52
Total number of Classrooms and Seminar halls	
4.3	680
Total number of computers on campus for academic purposes	
4.4	886.23
Total expenditure, excluding salary, during the year (INR in Lakhs):	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Being an Autonomous institution, each department of Geethanjali Institute of Science and Technology (GIST) has implemented Outcomebased Education (OBE) and Choice Based Credit Systems (CBCS) from the academic year 2022-2023 onwards. The needs of the curriculum are derived from various stakeholders such as Alumni, Academicians, Employers, and Industry Experts located in different parts of the country and from recommendations of various

statutory bodies such as UGC/AICTE/JNTUA University/BoS/Academic Council. Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) are defined incorporating the activities that demonstrate the graduate attributes (Program outcomes) benchmarked globally. The regulations, curriculum and syllabi are designed and developed aligning to the Vision and Mission of the Institution and the respective departments. The curriculum is formulated in such a way that it educates the students in the various subjects in the main programme of study and allied emerging areas and also trains them to be "Industry Ready" to pursue higher studies as well as an entrepreneur. While designing the curriculum and syllabi, Equal balance of theory, laboratory, project work, and internship were considered along with the local and regional needs besides national and global developments are considered and incorporated.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://gist.edu.in/gist/wp-content/uploads/2024/11/RG-23-II-Year-Syllabus.pdf">https://gist.edu.in/gist/wp-content/uploads/2024/11/RG-23-II-Year-Syllabus.pdf</a>

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

8

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

171

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

382

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

8

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The institution envisions and supports students' holistic

development, recognizing the worth of human values, professional ethics, and environmental awareness in addition to managing sensitive gender-related issues in a responsible manner.

The curriculum of JNTUA incorporates some of these aspects into its very framework and facilitates realization of these projected objectives of the Institution. Such courses include:

- Universal Human values
- Managerial Economics and Financial Analysis
- Constitution of India
- Environmental Engineering
- Environmental Science
- Health, Safety & Environmental management
- Green Chemistry and Catalysis for Sustainable Environment
- Management Science
- Entrepreneurship and Incubation
- Waste and Effluent Management
- Ground Improvement Techniques
- Industrial Waste and Wastewater Management

The organization creates a variety of programs and uses special committees to carry them out. A well-organized Women's Protection Cell handles gender-sensitive issues by holding awareness campaigns, offering a forum for women to voice their complaints about gender discrimination and harassment, and taking the necessary steps to resolve the complaints through its "Internal Complaint Committee."

The college supports and follows several of the Programmes and envisages its own activities such as

- Women's Health Awareness Program
- International Women's Day
- International Day of Yoga-2024

To promote health awareness, the college supports less privileged and moderately informed rural communities through targeted programs. Additionally, it observes important national days and events.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

44

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.3 - Number of students enrolled in the courses under 1.3.2 above

3230

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.4 - Number of students undertaking field work/projects/ internships / student projects

885

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is

A. All 4 of the above



**obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://gist.edu.in/gist/exam-cell/#1579511136291-59930a90-f866">https://gist.edu.in/gist/exam-cell/#1579511136291-59930a90-f866</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - The feedback system of the Institution comprises the following**

**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	Nil
Any additional information	<a href="#">View File</a>

## **TEACHING-LEARNING AND EVALUATION**

### **2.1 - Student Enrollment and Profile**

#### **2.1.1 - Enrolment of Students**

##### **2.1.1.1 - Number of students admitted (year-wise) during the year**

**2554**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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

**368**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

**Orientation Programme:** The management, administration and motivational speakers from industry and academia interact with the students explaining the vision, mission and policy statement of the college during the course in Orientation Programme.

**Bridge course:** A Bridge courses is organized by the Institution to help the fresh students to reorient themselves by distinguishing between content learning and skill learning with application orientation.

**Identification of Slow and Advanced learners:** Slow and advanced learners are identified based on their performance in University Examinations and Internal Examinations. In a bid to provide personalized attention and initiate appropriate individual measures. Students scoring over Class average in the first midterm examinations are considered advanced learners and those with less than Class average as slow learners.

**Slow Learners** The areas of deficiencies of the slow learners are identified through mentors, class teachers and individual interactions and adequate remedial measures have been initiated such as Remedial classes.

**Advanced Learners** A team of In-house trainers impart intense training as per well visualized and structured training schedules integrated into the college schedules in the areas of Aptitude, Communication skills, Core skills and Employability skills. In order to promote and create avenues of higher education, training programmes are arranged beyond the college working hours.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2023	2554	173

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### 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:

**Student Centric Methods:** The institution visualizes and implements several student-centric approaches for enriching the learning experiences to enhance their comprehension levels through carefully designed self-reliant strategies of learning with more participation and involvement. They are encouraged to self-explore the avenues of self learning and experiential learning.

**Student-centric learning:** The psychological and perceptive components of the learners are considered in evolving strategies.

**Individualized Activities:** Adequate training and encouragement is provided to the students to participate in seminars, conferences and projects and present papers and posters.

**Coding Competitions:** Competitions in solving the challenges in coding are organized during Tech-Fests and other academic events.

**Spoken Tutorial:** The Institution accesses and organizes the training sessions of the educational content portal, Spoken Tutorial, where a student can learn various Free and Open Source Software all by oneself. All the content published on this website is shared under the CC BY SA license.

**Digital Resources** Several digital resources are kept available for

the students to encourage the culture of self-study, research and participatory learning. NPTEL video lectures, e-journals, e-books, CDs, DVDs.

**Experiential-Learning** The Institution continuously evolves strategies to involve the students comprehensively in the experiential learning processes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Effective content delivery by using ICT tools in the class room for better understanding and reinforcement of the concepts and problem-solving is adopted by all the faculty of the institution. ICT tools complement the traditional teaching-learning methods and the institute is highly interested in providing innovative methods for enriching the learning experience. The institution has all the needed resources which include wide availability of computers in engineering departments and library, high speed internet access to the students and faculty. Teaching/Learning methodologies include the use of ICT tools for field study, case-studies, experimental methods, flipped class room sessions etc. The Institute is providing totally 36 ICT Enabled classrooms for effective teaching process. ICT components are embedded in the course contents of all relevant engineering disciplines and statistical analysis of experimental results in project works. ICT enabled Teaching-Learning Process is supported with Regular Practical Sessions, access to Digital Library, Online journals, Use of LCD projectors for seminars and workshops, productive use of educational videos for students of different disciplines. The training facility for Communication skills is enriched with ICT tools to make the students acquire proficiency in listening, speaking, reading and writing skills.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://gist.edu.in/gist/infrastructure-ict/#1581914909385-41b7eeab-75cb">https://gist.edu.in/gist/infrastructure-ict/#1581914909385-41b7eeab-75cb</a>
Upload any additional information	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

140

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

GIST is affiliated to JNTUA University, so we follow the curriculum designed by it. At the beginning of semester the CAC prepares the institute level academic schedule based on JNTUA calendar. One month prior to commencement of the academic year/semester HoDs conduct staff meeting and allot subjects based on their preference. During this one month, the staff prepares the course file which includes course notes, Question Banks, etc, in advance. Action plan is prepared for the semester. The faculty prepares and circulates the course plan which includes lecture schedule based on working hours, CO, CO-PO mapping. The Course delivery and syllabus completion status is monitored through formal and informal means. Seminars, Industrial visits, Guest lectures, workshops and Internships are conducted to enrich the curriculum. To Bridge the gap between the industry and Institute, certificate courses and Value added programmes are also conducted. Slow learners and advanced learners are identified based on the performance in the examinations and trained. Tutorial classes are conducted in tutorial hours. Mentor-Mentee is implemented for identifying problems of the students regarding academic, etc. Periodical meetings of Head of the Departments and Intradepartmental meetings are held with the Principal to take review and discuss the curriculum delivery.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>
<b>2.4 - Teacher Profile and Quality</b>	
<b>2.4.1 - Number of full-time teachers against sanctioned posts during the year</b>	
<b>173</b>	
File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year</b>	
<b>24</b>	
File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)</b>	
<b>673</b>	
File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>2.5 - Evaluation Process and Reforms</b>	

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

33

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year**

22

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

**IT INTEGRATION & REFORMS IN THE EXAMINATION PROCEDURES AND PROCESSES**

The Continuous Internal Evaluation is followed as per the regulations of JNTUA and Autonomous regulations.

- In the mandatory midterm examinations, performance is evaluated considering 80%(R19,R20) and 70%(RG22) from the better performing midterm examination and 20%(R19,R20) and 30%(RG22) from the other, computing to a total of 30% as the internal marks to be combined with the 70% at the end examinations. In the laboratories, the day-to-day participation and performance in the lab activities, interactions, lab vivas, and attendance are considered for evaluation.

- The question paper setters and the examiner(correction) duties will be allotted to the external staff only.
- Here we are using online evaluation system , the scanned scripts are sent to the examiners through online. The key details will be sent to their mail ids.
- After scrutiny the issue scripts are sent to the concerned examiners and they will re correct the scripts.
- The scheme of evaluations are prepared by the internal staff.
- Moderation will be done as per the norms of JNTUA.
- After results passing board meeting results are released in online in the site gisteb.com .

The recounting and challenge valuation notification is released immediately after releasing the results.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://gisteb.com">gisteb.com</a>

## 2.6 - Student Performance and Learning Outcomes

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

Course Outcomes (COs) define the knowledge and skills students acquire by the end of a course. These are carefully formulated by instructors at the semester's start and uploaded on the college website. Each subject teacher maintains a teaching plan with around six measurable COs aligned with Bloom's taxonomy. COs are communicated in the first lecture and revised if necessary with department approval.

Program Outcomes (POs), based on Graduate Attributes, are displayed on department notice boards, laboratories, classrooms, brochures, and the institute website. Since 2015, the National Board of Accreditation has standardized 12 POs for all undergraduate engineering programs. Faculty members are trained in outcome-based education through workshops, seminars, and webinars.



Program Specific Outcomes (PSOs) and Program Educational Objectives (PEOs) are developed through stakeholder involvement and are prominently displayed alongside POs. At our institution, faculty members are committed to implementing outcome-based education and ensuring attainment of desired learning outcomes.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://gist.edu.in/gist/electronics-and-communication-engineering/#1579769883065-f771ffe3-d274">https://gist.edu.in/gist/electronics-and-communication-engineering/#1579769883065-f771ffe3-d274</a>

## 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Direct Assessment (85%)

Internal Examination Assignment and External Examination

This process includes following three components

1. Internal Examination (30%) 2. Semester End Examination (70%)  
Indirect Assessment (15%) Students feedback on various parameters  
Description of Indirect Assessment:

Indirect Assessment (15%) Students feedback on various parameters  
Description of Indirect Assessment:

Feedback from Students - 1. Online feedback about over all teaching performance and various parameters like COs, facilities available and Exit feedback etc.. allotted to the respective class will be conducted in the Internally of the semester.

2. Analysis of the feedback will be carried out by Internal Quality Assurance Cell (IQAC) and shared it with faculty members through HoD. Overall attainment of PO = 85% attainment through the direct method + 15 % of PO attainment through indirect method.

Overall attainment of PO = 85% \*PO direct + 15 % \*PO indirect(for

Program) Overall attainment of CO : Overall attainment of CO = 80% \*CO direct + 20% \*CO indirect(course) Overall attainment of CO is greater than the set target than that Corresponding CO is attained if Not corresponding CO is not attained

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://gist.edu.in/gist/computer-science-and-engineering/#1579769883065-f771ffe3-d274">https://gist.edu.in/gist/computer-science-and-engineering/#1579769883065-f771ffe3-d274</a>

### 2.6.3 - Pass Percentage of students

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

547

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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://docs.google.com/spreadsheets/d/1MjXKz0El4piqrtPTHmtK1Jr6SmAAlk8m02NFvv6U9s0/edit?gid=0#gid=0>

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is

uploaded on the institutional website and implemented.

**Objective:** Promotion and enrichment of the quality of research practices and publications among scholars and faculty communities. **Introduction:** A functional Research and Development Center is established to promote the research activity and functions of teachers and students in the right direction. This center focuses to imbibe a research culture in the campus by encouraging teachers and students to develop basic innovative thinking, work on minor and major projects, work towards sponsored research funding, extension and developing consultancy activities by associating with the Industry. It also encourages faculty members to publish technical papers in refereed journals, national and international conferences and suitable financial assistance is being given to such faculty members from the management funds. Geethanjali Institute of Science and Technology (GIST), Nellore is committed to maintain and encourage the quality research in engineering core field. It has derived its own stated code of Ethics for checking malpractices and plagiarism in academic research. Hence Plagiarism, academic malpractices either by faculty or students are unacceptable in research and need to be curbed. GIST insists the faculty members and students to be aware of the intricacies of plagiarism and maintain the originality of their works in article publishing process. So, following certain code of ethics in research conduct and publication is essential to maintain the integrity and dignity of the Institution and quality of the research works as well.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://gist.edu.in/gist/research-development/">https://gist.edu.in/gist/research-development/</a>
Any additional information	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
Any additional information	No File Uploaded

## 3.2 - Resource Mobilization for Research

### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	No File Uploaded
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

### 3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	No File Uploaded

**3.2.3 - Number of teachers recognised as research guides**

4

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

**3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year**

0

File Description	Documents
Supporting document from Funding Agencies	No File Uploaded
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

**3.3 - Innovation Ecosystem**

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The role of innovation among technical education kindles the student and faculty to be inclined always to fulfil the needs of society in an innovative way by applying engineering discipline. Our institution follows the way of being innovative by incorporating Institution Innovation Council (IIC) under MIC and

tie-ups with various reputed organizations. Through these many events are being arranged to students to uplift their design thinking capabilities through industry exposure. Also faculty members get exposure and learn modern technical fronts by participating in these events. Innovation and Entrepreneurship Development Cell (IEDC) was established in Geethanjali Institute of Science and Technology with a view to foster the entrepreneur skills among the students. The role of Innovation Cell in a technology institution can be crucial in envisaging the direction, objectives, means and methods and practices pertaining to teaching learning environment. It is constituted with the vision of creating a network of people, concepts, ideas, know-how and resources to stimulate the innovation community in the campus. This cell helps to foster the students ideas into concrete projects to bring up business proposals. e-Yantra robotic centre is established in association with the IIT-Bombay and faculty got certification of merit for task based training level.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/iicc/#1738651236214-68b7fd3d-9926">https://gist.edu.in/gist/iicc/#1738651236214-68b7fd3d-9926</a>

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

8

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course**

A. All of the above

**work Plagiarism check through authenticated software**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year**
**3.4.2.1 - Number of PhD students registered during the year**

4

File Description	Documents
URL to the research page on HEI website	<a href="https://gist.edu.in/gist/research-development/#1574676589973-ec16d363-998d">https://gist.edu.in/gist/research-development/#1574676589973-ec16d363-998d</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year**

89

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year**

18

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/wp-content/uploads/2024/03/Books.pdf">https://gist.edu.in/gist/wp-content/uploads/2024/03/Books.pdf</a>

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

3

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

4

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0.39



File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

A few such programmes are:

Mass Tree Plantation programme at Gangavaram Village, Kovur Mandal, SPSR Nellore and planted 50 saplings.

'Swachha Bharath' and 'Clean and Green' programmes followed by cleaning the streets and the public areas at Paturu village.

Medical camps for the benefit of the villagers who cannot afford the cost of consultation and

medicines.

Eye and Dental Screening camps were conducted at paturu village where the students reached individual houses identified the young children requiring spectacles and donated free of cost.

A Programme on Road Safety has been conducted and brought awareness among students to avoid road accidents.

Voluntary Blood donation camps are being conducted in association with IRCS, Nellore and donated blood to needy people.

These programmes evoked a sense of responsibility among the students towards motivating them as good citizens of the nation and enhanced awareness among the rural lot to self-rely for their development.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/nss/#1562649843967-71e5ceea-6a48">https://gist.edu.in/gist/nss/#1562649843967-71e5ceea-6a48</a>

### 3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

2

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

17

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1606

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 3.7 - Collaboration

### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

892

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

21

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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 equipments, etc.

The quality of technical education requires adequate infrastructural facilities in addition to the competency of the faculty. The campus is spread in the sprawling 13 acres lush green area with a total floor area of 19764.46 Sq.mts. with the following physical facilities in tune with the norms of AICTE and JNTUA. Class Rooms: No.of Class rooms: 49 No. of ICT enabled class rooms:49 area in m2=66 each Tutorial Rooms: No. of Tutorial Rooms:08 Area in m2=33 each Seminar halls: No. of seminar halls:03 Facility: ICT Enabled Accommodation: 700 no.s Laboratories:

Total no. of laboratories:51 Other facilities: APSSDC Collaborative Centre, Language Lab, Computer Centre, R&D Cell, Project lab. WI-FI: The Internet Connectivity in the campus is ubiquitous with the following features: Wi-Fi enabled campus No. of routers: 33 speed:1000 MBPS Service provider's sai sreenivasa technologies. Central Library: Central Library having an area of 613.12 sq.mts.AutoVIN, ILMS is installed for effective management of library services.In addition, each department has its own library with text and referencebooks.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/infrastructure-ict/#1579520341131-b7604e35-2059">https://gist.edu.in/gist/infrastructure-ict/#1579520341131-b7604e35-2059</a>

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

The Institution strongly believes in the principle of 'strong mind in strong body'.

#### Outdoor Games & Play-grounds:

- 2 no. of Cricket Practice Nets having area of 17662.38 Sq.ft.
- 1 no. of Basket Ball Court having area of 4518.52Sq.ft.
- 2 no. of Badminton Court having area of 1758.00Sq.ft.
- 2 no. of Kabaddi Court having area of 2797.18Sq.ft.
- 1 no. of Throw ball court having area of 2401.56Sq.ft.
- 1 no. of Kho-Kho Court having area of 4994.45Sq.ft.

- 1 no. of Tennikoit Court having area of 721.78Sq.ft.
- 2 no. of Volleyball Court having area of 3485.72Sq.ft.

**Indoor games & Courts:**

- 1 no. of Table Tennis having area of 42.85Sq.ft
- 6 no. of Carrom board room having area of 40.32Sq.ft
- 4 no. of Chessboard room having area of 17.92Sq.ft
- 1 no. of Gym having area of 1532.32Sq.ft

**Gymnasium:**

The College has a moderate 5-station gymnasium accessible to staff and students for maintaining the fitness levels. The services at the gym are kept available before and after the regular college timings to facilitate optimum utilization.

**Yoga & Meditation:**

Yoga and meditation classes are conducted for the faculty and students by expert yoga trainers. External yoga masters are invited periodically for motivation-cum-practice sessions.

**Cultural Activities:**

The College believes in all-round development of the students. It encourages them to take part in extra-curricular activities to spark their interests and cultivate leadership qualities as well as team spirit.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/sports-games/#1579590908410-afc4ced1-1a6a">https://gist.edu.in/gist/sports-games/#1579590908410-afc4ced1-1a6a</a>

**4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities**

52

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

147

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

Integrated Library Management Software (ILMS) is a comprehensive tool that automates and streamlines various library functions. It is designed to improve efficiency, organization, and user experience in academic libraries, which play a vital role in the teaching and learning process. Showcasing the implementation and effective use of ILMS reflects the institution's commitment to quality education and resource management.

1. ILMS automates essential library activities like cataloguing, acquisition, circulation, and user management. This reduces manual errors and enhances the accuracy of library operations.

2. The software helps maintain detailed records of library resources, such as books, journals, and digital materials. This ensures proper classification and easy retrieval of resources.

3. ILMS efficiently handles book lending, renewals, and returns. It tracks overdue materials and calculates fines, making the process smooth for users and library staff.

4. The Online Public Access Catalog (OPAC) module allows students and faculty to search for resources online, check availability, and place reservations.

5. ILMS generates detailed reports on library usage, resource availability, and financial data, helping administrators make informed decisions.

6. Modern ILMS supports integration with e-resources, digital libraries, and remote access systems, enabling users to access content anytime and anywhere.

Implementing ILMS demonstrates an institution's dedication to quality library management, It not only ensures efficient operations but also contributes to a better learning environment for students and faculty

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://103.90.156.248:8080/AutoLib/opac.jsp">http://103.90.156.248:8080/AutoLib/opac.jsp</a>

**4.2.2 - Institution has access to the following:  
e-journals e-ShodhSindhu Shodhganga  
Membership e-books Databases Remote  
access to e-resources**

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

5.70

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

##### 4.2.4.1 - Number of teachers and students using the library per day during the year

**381**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

An IT infrastructure committee is a committee of senior faculty to direct, review, and approve IT strategic plans, oversee major initiatives, and allocate resources. The IT Infrastructure committee deals with the procurement and maintenance of the following items.

- Computers
- Laptops
- Routers
- Wi-Fi Hotspot devices
- Server
- Projectors
- CC cameras

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/infrastructure-ict/">https://gist.edu.in/gist/infrastructure-ict/</a>



4.3.2 - Student - Computer ratio	
Number of Students	Number of Computers
2554	680
File Description	Documents
Upload any additional information	<a href="#">View File</a>
<b>4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus</b>	
A. 750 Mbps	
File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
<b>4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing</b>	
B. Any three of the above	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/wp-content/uploads/2025/02/E-CONTENT-DEVELOPED.pdf">https://gist.edu.in/gist/wp-content/uploads/2025/02/E-CONTENT-DEVELOPED.pdf</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>
4.4 - Maintenance of Campus Infrastructure	
<b>4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)</b>	
164	

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

**Maintenance policies:** There are established Systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratories, library, sports complex, computers, classrooms etc.

**Laboratory:** Students are provided with sufficient number of sophisticated equipments and instruments in laboratories which are accessible to all students.

**Library:** Advisory Committee is constituted for smooth functioning and effective functioning. The advisory committee of institute framed the rules/strategies regarding issuing of books and journals from Library. The institute enforces guidelines for optimum utilization of available resources in library for providing better quality services.

**Computers:** One full time computer technician is available for day-to-day maintenance of computers and other IT facilities in the institution.

**Sports:** The department of physical education operates from a separate room. The management has appointed a physical director to look after the sports activities.

**Classrooms:** All the facilities are properly maintained, in case of repair or damage to the equipment, carpenters and electricians carry out the maintenance.

**Gardens:** The gardeners are appointed for overall maintenance and care of lawns, gardens and amenity area on the premises of Institution to ensure pleasant and serene ambience in the campus conducive to academic pursuits.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/campus-maintenance/#1579791962106-7b02d17b-c3b3">https://gist.edu.in/gist/campus-maintenance/#1579791962106-7b02d17b-c3b3</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1640

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

1230

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology**

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://gist.edu.in/gist/capability-enhancements/">https://gist.edu.in/gist/capability-enhancements/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

5114

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	No File Uploaded

<b>5.2 - Student Progression</b>	
<b>5.2.1 - Number of outgoing students who got placement during the year</b>	
184	
File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
<b>5.2.2 - Number of outgoing students progressing to higher education</b>	
10	
File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded
<b>5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year</b>	
<b>5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year</b>	
5	
File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>5.3 - Student Participation and Activities</b>	
<b>5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year</b>	
9	

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The Institution empowers students through participation in academic and administrative bodies like ISTE, IE (I), CSI, IEEE, and IETE. Various student council & committees in GIST include Class Review Committee with student involvement in academic plan implementation. IQAC student members propagate quality policies and provide feedback. Library Committee involves students in library reforms. Alumni Association coordinates with alumni through selected student members. Anti-Ragging Committee spreads awareness about consequences of ragging. Women's Protection Cell empowers women in academia and addresses cases of harassment. Cultural Committee coordinates cultural activities. NSS student volunteers create awareness on social service. Sports Committee addresses sports-related issues. Students participate in various college events and organize club activities in Telugu

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/nss/#1579615721599-ced7aa0b-21e0">https://gist.edu.in/gist/nss/#1579615721599-ced7aa0b-21e0</a>

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution

18

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

At GIST, the relationship between alumni and the alma mater is integral and continuous. The Institute maintains an active calendar and regularly connects with alumni. The Geethanjali Institute of Sciences and Technology Alumni Association, a registered society (Regd No: 24/2019, Registrar of Societies, Nellore), follows standard procedures with elected office-bearers.

At the recent Alumni Meet on 24-06-2023, 148 members attended physically. The Association aims to strengthen alumni bonds by cherishing their values and memories with GIST and maintaining continuous interaction with other alumni, students, and faculty.

Financial initiatives include moderate support from alumni, who have started identifying and providing for small but necessary requirements. The Alumni Association donated projectors and a document processor worth Rs. 2,35,338.

Non-financial initiatives involve utilizing alumni's intellectual inputs to enrich the curriculum and enhance its implementation. Alumni contributions include acting as liaisons for industry initiatives, promoting student skills, providing placement referrals, exploring internship opportunities, and developing entrepreneurial awareness.

Future plans include

The Association plans to

- Create a corpus to encourage the deserving but underprivileged students

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://gist.edu.in/gist/alumni/">https://gist.edu.in/gist/alumni/</a>

**5.4.2 - Alumni's financial contribution during the year**

**D. 2 Lakhs - 5 Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

#### Vision

"To emerge as a center of technical excellence, transforming the engineering aspirants into dynamic and socially responsible technocrats"

#### Mission

- Implementing effective strategies for imparting quality education in a conducive academic ambience to upgrade the intellectual and professional dimensions of the learner's personality.
- Facilitating skill development and research to fulfil societal needs.
- Inculcating moral principles, environmental consciousness and social responsibility among students.
- Grooming the students to handle the career challenges successfully

Institution will stand globally recognized as a symbol of innovative advancement, creativity and well sophisticated repository of knowledge for its focus on delivering to the world as socially responsible individuals.

The Principal periodically convenes the staff council meetings to apprise them about the implementation of activities. To highlight these policies a few examples are being listed here

Finance , Library ,Hostel, Admissions ,Anti-Ragging ,College Academic Committee ,Examination Cell,Student counselling/Mentor Redressal cell , Staff grievances and Redressal cell,Social welfare Cell,Research & Development and Consultancy IPR, Industry Institute Coordination Cell,Innovation and Entrepreneurship Development Cell, Internal Quality Assurance Cell,College Time table Committee ,Alumni Coordination Cell,Internal Complaints cell



,Website Development & Maintenance cell, Press, Media and Publicity Committee, Sports and Games Committee ,Campus Maintenance ,Transportation cell ,Hobby Clubs, Placement and Career Guidance Cell, NSS, Professional Societies Coordinator’s Coordination Cell, Student Association Coordination Cell, IT infrastructure & ICT, Medical Cell, Campus Management System

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://gist.edu.in/gist/core-values/">https://gist.edu.in/gist/core-values/</a>

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Effective leadership within an educational institution is crucial for fostering a culture of excellence and continuous improvement. The organizational chart provided exemplifies how decentralization and participative management are implemented to achieve this. Decentralization is evident through the distribution of responsibilities across various committees and departments. Each unit, such as the Finance Committee, Academic Council, and Research Committee, operates autonomously yet collaboratively, ensuring that decision-making is not concentrated at the top but spread throughout the institution. This structure allows for more responsive and tailored approaches to specific challenges and opportunities. Participative management is highlighted by the involvement of diverse stakeholders in the governance process. The presence of advisory boards, student support services, and specialized cells like the Women Empowerment Cell indicates a commitment to inclusive decision-making. Faculty, staff, and students are encouraged to contribute their insights and expertise, fostering a sense of ownership and accountability. In summary, the organizational chart demonstrates effective leadership through a well-structured, decentralized system that promotes participative management. This approach not only enhances operational efficiency but also aligns with the NAAC metrics by ensuring that leadership practices are inclusive, transparent, and geared towards holistic institutional development.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://gist.edu.in/gist/committee/">https://gist.edu.in/gist/committee/</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

For the next ten years the Institution envisages multifarious Initiatives to archive incremental growth of the Institution by devising and adopting a wide range of Innovative strategies academically conducive plans to accelerate the pace of Institution on the growth trajectory. These strategies and plans keep pace with contemporary inclinations and instincts of the student, Stakeholder and specialized Instruction layers are incorporated in the edifice of technical instruction and the beneficial and cutting edge outcomes may be achieved through more affective and result-oriented execution. These plans and strategies objectively and realistically evaluated the stake holder's expectations; include students, college members and faculty fraternity apart from fulfilling the aspiration of the local public. The following plans and strategies are on the anvil after wider consultations and appropriate exchange and a deeper contemplation arriving to achieve the desired outcomes with in rigid time frames to ensure that students are ultimate beneficiaries.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/news/">https://gist.edu.in/gist/news/</a>
Upload any additional information	<a href="#">View File</a>

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

The effectiveness and efficiency of an institution's functioning

are clearly demonstrated through its well-defined policies, administrative set-up, appointment and service rules, and procedures. The organizational chart provided is a testament to this structured approach. Policies: The institution's policies are designed to ensure transparency, accountability, and inclusiveness. These policies guide the functioning of various committees and departments, ensuring that all actions align with the institution's mission and goals. Administrative Set-Up: The administrative structure, as depicted in the organizational chart, shows a clear hierarchy and distribution of responsibilities. This set-up facilitates smooth communication and coordination among different levels of management, from the Governing Body to individual departments. Appointment and Service Rules: The institution follows a systematic approach to appointments and service rules, ensuring that all positions are filled based on merit and qualifications. This approach not only promotes fairness but also enhances the overall quality of the institution's workforce. Procedures: Standard operating procedures are in place for all key activities, ensuring consistency and efficiency. These procedures are regularly reviewed and updated to adapt to changing needs and circumstances. In summary, the organizational chart reflects a robust framework that supports effective and efficient functioning of the institution

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://gist.edu.in/gist/about-geethanajali-institute-of-science-and-technology/">https://gist.edu.in/gist/about-geethanajali-institute-of-science-and-technology/</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://gist.edu.in/gist/wp-content/uploads/2020/01/Handbook-of-Rules-and-Code-of-Conduct.pdf">https://gist.edu.in/gist/wp-content/uploads/2020/01/Handbook-of-Rules-and-Code-of-Conduct.pdf</a>

<b>6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination</b>	A. All of the above
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File Description	Documents
ERP (Enterprise Resource Planning) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	No File Uploaded

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The Institution offers incentives for the faculty for their academic achievements like publishing papers in journals, conferences. The Institution provides free of cost transport facility to the students and staff by operating a fleet of buses to and from the college campus. The institution grants maternity leave, paternity leave and marriage leaves for staff. The institution offers financial aid to the faculty members and their family members, when they are unable to afford medical expenses. Group Accident Insurance also being provided for the staff. The institution providing EPF scheme to the non-teaching staff. The institution provides lab uniform dress material to the technical staff keeping with the norms of professional dress code to ensure their safety and hazard free hand line of lab equipment.

The institution is providing ESI medical facility for Non-teaching staff. The institution supplies safe, pure, fresh drinking water round the clock by the installation of a 500LPH capacity mineral water plant. The institution has a campus health care center and ambulance facility for medical emergencies. A gymnasium is available in the campus premises keeping fitness of the health and physical fitness of the faculty and students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

8

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

2

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

133

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institute conducts regular internal and external financial audits annually. The accounts section audits daily transactions, while the finance officer conducts an internal audit and submits a detailed report. Statutory auditors periodically verify financial

records as per Government of India norms. The institution employs stringent financial management practices to ensure transactional ease, efficacy, and accounting accuracy. Internal financial discipline is strictly followed in material purchases and procurement processes to prevent financial irregularities.

The institution has a well-structured internal audit mechanism. Expenses are verified through a functional approach, with budgets proposed by convenors, endorsed by the Principal, and approved by the Financial Committee. Expenditure statements supported by vouchers are submitted within three to four working days after events for reconciliation. The finance officer conducts an internal audit at the end of the financial year.

External audits by registered professionals ensure no financial irregularities or discrepancies. Auditors examine and verify finances, issuing audit reports and recording objections if any. Financial statements reflect income from fees, transport, hostels, and donations, along with respective expenditures. The institution maintains strict financial discipline, with no significant audit objections. Income tax returns are submitted annually, and TDS details are e-filed. All financial data is recorded using Tally software.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/audited-statements/#1579931158227-5d283c80-7c5f">https://gist.edu.in/gist/audited-statements/#1579931158227-5d283c80-7c5f</a>

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

13.18

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The institute conducts regular internal and external financial audits annually. The accounts section audits daily transactions, while the finance officer conducts an internal audit and submits a detailed report. Statutory auditors periodically verify financial records as per Government of India norms. The institution employs stringent financial management practices to ensure transactional ease, efficacy, and accounting accuracy. Internal financial discipline is strictly followed in material purchases and procurement processes to prevent financial irregularities.

The institution has a well-structured internal audit mechanism. Expenses are verified through a functional approach, with budgets proposed by convenors, endorsed by the Principal, and approved by the Financial Committee. Expenditure statements supported by vouchers are submitted within three to four working days after events for reconciliation. The finance officer conducts an internal audit at the end of the financial year.

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File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://gist.edu.in/gist/audited-statements/#1579931099304-af67e86b-8a06">https://gist.edu.in/gist/audited-statements/#1579931099304-af67e86b-8a06</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality

initiatives (Second and subsequent cycles)

The Internal Quality Assurance Cell (IQAC) has played a pivotal role in institutionalizing quality assurance strategies and processes within the institution. This commitment is evident through the significant incremental improvements made during the preceding year.

**First Cycle:** During the first cycle, the IQAC focused on establishing a robust framework for quality assurance. This included the development of comprehensive policies and procedures for academic and administrative activities. The IQAC also initiated regular feedback mechanisms from students, faculty, and other stakeholders to identify areas for improvement. These efforts led to enhanced teaching methodologies, updated curricula, and improved student support services.

**Second and Subsequent Cycles:** In the subsequent cycles, the IQAC has continued to drive quality enhancement through various initiatives. Notable improvements include the implementation of advanced e-governance systems for better administrative efficiency, the introduction of innovative teaching-learning practices, and the promotion of research and development activities. The IQAC has also facilitated numerous workshops and training programs for faculty development, ensuring that the institution remains at the forefront of educational excellence.

**Post-Accreditation Initiatives:** Post-accreditation, the IQAC has focused on sustaining and furthering the quality benchmarks set during the accreditation process. This includes continuous monitoring and evaluation of academic and administrative processes, fostering a culture of continuous improvement, and ensuring compliance with accreditation standards.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/iqac/#1579945159260-fa258cc5-207d">https://gist.edu.in/gist/iqac/#1579945159260-fa258cc5-207d</a>

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The institution demonstrates a strong commitment to maintaining and enhancing the quality of its teaching-learning processes



through regular reviews conducted by the Internal Quality Assurance Cell (IQAC). This systematic approach ensures that the institution's educational practices remain effective and aligned with evolving academic standards.

**Periodic Reviews:** The IQAC conducts periodic reviews of the teaching-learning processes, structures, and methodologies. These reviews are comprehensive, covering curriculum design, instructional methods, and assessment techniques. By doing so, the institution ensures that its educational offerings are relevant and up-to-date.

**Stakeholder Involvement:** The review process involves feedback from various stakeholders, including students, faculty, and industry experts. This participative approach ensures that diverse perspectives are considered, leading to well-rounded improvements.

**Data-Driven Decisions:** The IQAC utilizes data from various sources, such as student performance metrics, faculty evaluations, and feedback surveys, to inform its reviews. This data-driven approach helps in identifying areas of improvement and implementing evidence-based changes.

**Continuous Improvement:** The institution's commitment to continuous improvement is evident in its regular updates to teaching methodologies and learning outcomes. The IQAC's recommendations lead to actionable changes that enhance the overall educational experience.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gist.edu.in/gist/iqac/#1579945159248-69d78470-692f">https://gist.edu.in/gist/iqac/#1579945159248-69d78470-692f</a>

**6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state,**

**A. Any 4 or all of the above**

**national or international agencies (such as ISO Certification)**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://gist.edu.in/gist/igac/#1636109220772-de75bfea-4eff">https://gist.edu.in/gist/igac/#1636109220772-de75bfea-4eff</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**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 ICC will look into any problems that affect women and girls inside the company And make suggestions.

The committee will take complaints from female students and employees into consideration. The ICC aims to create harmony and gender sensitivity. It plans activities for sensitization and workshops.

Female faculty members are given equal opportunities in all administrative committees. Tough measures are implemented in the event that women are harassed

**1. Safety & Security**

To provide staff and students with a safe and secure environment, the Institute maintains a security wing. For electronic surveillance, there are certain places.

Security personnel inspect and maintain buses. The institute provides special transportation for girls. At the college, there is a compound wall To prevent fire incidents, the establishment has fire extinguishers on every floor. A medical room is available at the institute.

**2.Counseling:**

The primary objective of the counselling centre is to empower female students and foster their intellectual, emotional, and cognitive development. Additionally, the ICC members are assigned as individual mentors to care for and advise certain girls on matters.

**3.Common rooms:**

Common rooms are available for girl students to accommodate them comfortably. These are furnished with all basic amenities such as mirrors, common beds, tables and chairs along with attached toilets to have a pleasant and comfortable stay.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://gist.edu.in/gist/internal-complaint-committee/#1648111991555-ae5fe085-f040">https://gist.edu.in/gist/internal-complaint-committee/#1648111991555-ae5fe085-f040</a>

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

**B. Any 3 of the above**

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)**

The institution recognizes the hazards of inadequate waste management and takes comprehensive measures for solid, liquid, and e-waste management. Solid waste is carefully managed by separating dry and wet waste, collected in color-coded bins for easy identification and disposal. Blue bins are designated for dry waste, which is non-degradable and disposed of by the village administration. Green bins are used for wet waste, which is biodegradable and composted. Incineration is kept to a minimum to

avoid pollution, and unpleasant odors are neutralized through chlorination and bleaching.

For liquid waste management, drinking water facilities are available in every building, and wastage is minimized through proper monitoring. Wastewater is drained to maintain campus greenery and an aesthetically pleasing environment. The institute has a separate system of drainpipes for liquid waste, which is partly used for growing greenery. Low-flush toilets are installed to facilitate the easy discharge of waste material. These practices ensure eco-friendly waste management and promote a sustainable environment on campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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

<p><b>3. Pedestrian-friendly pathways</b>  <b>4. Ban on use of plastic</b>  <b>5. Landscaping</b></p>	
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File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	<a href="#">View File</a>

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

<p><b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3. Environment audit</b></li> <li><b>4. Clean and green campus recognitions/awards</b></li> <li><b>5. Beyond the campus environmental promotional activities</b></li> </ol>	<p><b>D. Any 1 of the above</b></p>
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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	<a href="#">View File</a>

<p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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**facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

The institution adopts many practices, curricular as well as Co and Extra- curricular for promoting cultural harmony, mutual tolerance, and appreciation among students and faculty hailing from different cultural and social backgrounds.

Invited talks on importance of tolerance and harmony are organized for holistic development of students.

Efforts of the institution to promote tolerance and harmony:

1. Institution welcomes students and faculty from diverse backgrounds and treats them equally without any discrimination on gender, caste or religion.
2. Right from allotment of hostel rooms, students are encouraged to live together in a spirit of friendship and cooperation.
3. Communal harmony promoted through celebration of Dussehra, Ramzan, sankranthi sambaralu etc.
4. Extension activities to uplift socially backward students of neighbouring schools.
5. Republic day, Independence Day etc. celebrated to foster nationalism and spirit of unity.
6. Teachers Day, National Science Day, and Engineer's day hosted to provide inspiration through success stories of Dr.

Sarvepalli, Sir Mokshagundametc.

The outcomes of above good practices of the institution are reflected below: Students from backward communities about 60 %

No instance of communal clashes since inception, despite they are being communally sensitive.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

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

India, as a country, includes individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race sex. Geethanjali Institute of Science and Technology 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. To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties and responsibilities by inviting prominent people.

The institute conducted awareness programs on Independence Day , Constitution Day, Cleanliness/Plantation Drive, Blood Donation National Consumer Rights Day ,International Women's Day , Human Rights Day, Celebration etc. involving students performances are presented in various events related to sensitization.

The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules.

The affiliating University curriculum is framed with mandatory

course like Universal Human Values, Business Environment, Constitution of India, as a small step to inculcate Social and humanitarian values among the students.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized**

**B. Any 3 of the above**

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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

The institution organizes national and international commemorative days, events and festivals to promote a spirit of nationalism and patriotic fervour among students and faculty. Institute has constituted the "National and International Days Celebration Committee" comprising of faculty, staff and students.

Republic Day - 26th January & Independence Day - 15th August,



National Youth Day, National Voters' Day, National Science Day, Dr. B.R Ambedkar's Birthday, Teachers' Day, Engineers' Day, Gandhi Jayanthi, APJ Abdul Kalam's Birthday, National Police Commemoration Day, Mathematics Day have been organised.

#### International Yoga Day

International Yoga Day is conducted on 21st June to spread awareness on benefits of yoga. This year's theme, "Yoga at Home and Yoga with Family," was chosen bearing in mind the current pandemic. Benefits of Yoga like - Boosting of immunity, relieving stress and anxiety, weight loss, Boosting cardio-vascular system etc., are explained.

#### Festivals

Institution celebrates all cultural festivals like Pongal, Dussehra, Christmas, Ramzan, Id-ul-fitr with gaiety by involving all faculty and students. The themes and significance of these festivals are explained to nurture cultural value in students.

#### Impact

The above celebrations and festivals promote national pride, cultural values, scientific temper, and religious harmony among students.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### BEST PRACTICE -I

1. Title of the Practice - Skill development training programmes
2. Objectives of the Practice: ? provide knowledge of various

career options ? To Enhance Knowledge of students ? To Improve Job Related Skills ? To meet the challenges posed by new developments in science and technology

#### BEST PRACTICE II

1. Title of the Practice - Research Incentive Scheme 2. Objectives of the Practice: To Enhance Knowledge of faculty. To Improve Job Related Skills. To meet the challenges posed by new developments in science and technology provide knowledge of various career options. Stimulating new ideas and innovative approaches in research Increasing the quantity and quality of research outputs Strengthening the overall research capacity of the organization or institution Helping researchers secure external grants and funding.

File Description	Documents
Best practices in the Institutional website	<a href="https://gist.edu.in/gist/wp-content/uploads/2025/01/AY-23-23-Best-Practice-1.pdf">https://gist.edu.in/gist/wp-content/uploads/2025/01/AY-23-23-Best-Practice-1.pdf</a>
Any other relevant information	<a href="https://gist.edu.in/gist/wp-content/uploads/2025/01/AY-23-24-Best-Practice-2-.pdf">https://gist.edu.in/gist/wp-content/uploads/2025/01/AY-23-24-Best-Practice-2-.pdf</a>

### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Geethanjali Institute of Science and Technology (GIST) excels in aligning its initiatives with contemporary technological advancements and skill development, ensuring student readiness for the dynamic demands of the industry. A notable achievement is the successful organization of Google Cloud Study Jams by the Google Developer Student Clubs (GDSC GIST) in 2023. With 150 participants and 85 successfully completing cloud computing modules, this event provided hands-on experience with Google Cloud Platform services, such as BigQuery and Compute Engine, enhancing students' practical and theoretical expertise.

Additionally, the institution has been recognized as one of Andhra Pradesh's Chief Minister's Skill Excellence Centers, equipped with state-of-the-art ICT labs. This center supports training in diverse fields, including AWS Cloud Computing, IoT, and PCB Design. The Industry-Institute Coordination Cell (IICC) further

reinforces GIST's commitment by organizing 36 impactful events, including internships, industrial visits, and specialized training, benefiting 1,814 students.

These efforts reflect GIST's dedication to nurturing future-ready professionals through cutting-edge education and industry collaboration.

File Description	Documents
Appropriate link in the institutional website	<a href="https://gist.edu.in/gist/wp-content/uploads/2025/01/Institution-Distinctiveness-for-AY-2023-24.pdf">https://gist.edu.in/gist/wp-content/uploads/2025/01/Institution-Distinctiveness-for-AY-2023-24.pdf</a>
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- Conduct regular syllabus reviews with input from stakeholders
- Organize faculty development programs
- Conduct motivational and skill-enhancing seminars
- Publish in peer-reviewed journals and focus on patents
- Conduct NSS programs focused on community welfare
- Conduct regular academic audits by the IQAC
- Prepare for NAAC, NBA, and other accreditations
- Strengthen the Training and Placement Cell for enhanced industry tie-ups
- Organize alumni meets and interactive sessions