



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

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./Alternate phone no. **08622212769**
- Mobile no **9845225038**
- Registered e-mail **geethanjali@gist.edu.in**
- Alternate e-mail **principalgist@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**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Jawaharlal Nehru Technological University Ananthapuram**
- Name of the IQAC Coordinator **V.Ramu**
- Phone No. **9042662401**
- Alternate phone No.
- Mobile **9042662401**
- IQAC e-mail address **iqac@gist.edu.in**
- Alternate Email address **ramu@gist.edu.in**

3.Website address (Web link of the AQAR (Previous Academic Year)

<https://gist.edu.in/gist/wp-content/uploads/2022/08/AQAR-FOR-AY-2020-21.pdf>

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://gist.edu.in/gist/wp-content/uploads/2023/09/Academic-Calendar-2021-22.pdf>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.05	2021	15/02/2021	14/02/2026

6.Date of Establishment of IQAC

02/07/2018

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	Nil	Nil

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of

[View File](#)

IQAC

9.No. of IQAC meetings held during the year **4**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

Participation in NIRF

Collection, analysis of Feedback from all stakeholders 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

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

Plan of Action	Achievements/Outcomes
ISO 9001:2015 certification	Achieved ISO 9001:2015 certification for a period from 2020 to 2023
Plan to organize symposium, workshop, faculty development programme, seminar, webinar, guest lecture	Organized various activities like Symposium -2 number Workshop - 13 number Guest lecture/Tech fest -3 number FDP- 2 number Seminar -3 number Webinar - 6 number National science day - 1 number

13. Whether the AQAR was placed before statutory body? Yes

- Name of the statutory body

Name	Date of meeting(s)
XXII Governing Body	10/09/2022

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• if yes, whether it is uploaded in the Institutional website Web link:	https://gist.edu.in/gist/wp-content/uploads/2023/09/Academic-Calendar-2021-22.pdf				
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Name	Date of meeting(s)
XXII Governing Body	10/09/2022
14.Whether institutional data submitted to AISHE	
Year	Date of Submission
2021-22	19/01/2023
15.Multidisciplinary / interdisciplinary	
<p>Encouragement for Multidisciplinary mode of Learning in the Institute Globalization has a great influence on the 21st 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. 1.Coin Based Mobile Charging Using Solar Energy: An environmental friendly solar operated vending machine was developed to accept a coin which permits the mobile to get</p>	

charged for a preset fixed time. This project is designed to be used in remote places where there is the power crisis for power and also used in public places to charge their mobiles. 2.GSM based Submersible Motor controller: In GSM based, the GSM pump controllers (Mobile pump starter) are specifically designed to operate remote located submersible pumps and motors for the benefit of farmers and other farming community and Industries where wireless pump and motor control are required. 3.Solar bottle lamp: A solar bottle light bulb also called as "bottle bulb" because it is made of an empty 1.5 liter soda bottle and in it is a liquid bleach and purified water that can be used as an alternative electric powered light bulb. However, it is only useful during daytime but its luminance was tested and shown to produce as much light as a 50W incandescent bulb. 4.Domestic Gas leakage detection device: LPG leakage detector using Arduino. These kinds of alert systems are used in modern buildings, schools, hotels, etc. For sensing the flammable gases MQ-6 gas sensor was used with Arduino in our project. 5.Water Level Indicator: A simple Water Level Indicator was developed using the BC547 transistor. A buzzer was attached to the water tank level indicator circuit, so that when the water height reaches to maximum level, the buzzer will start sounding along with the glowing of indicator LEDs.

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.

17.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, mini-projects 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.

18.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 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. The books are based on a model curriculum and are aligned with the mapping of course outcomes, program outcomes, and unit outcomes. The books also provide lots of recent information, interesting facts, QR codes for e-resources, QR codes for use of ICT, projects, group discussion, etc. The second, third, and fourth-year books are available in English as well as 12 Indian languages.

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:

During pandemic, the system has adopted the change 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	693
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	2043
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	433
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	512
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3. Academic

3.1	155
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Number of full time teachers during the year						
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td>View File</td> </tr> </tbody> </table>			File Description	Documents	Data Template	View File
File Description	Documents					
Data Template	View File					
3.2	Number of sanctioned posts during the year	155				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td>View File</td> </tr> </tbody> </table>			File Description	Documents	Data Template	View File
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Data Template	View File					
4.Institution						
4.1	Total number of Classrooms and Seminar halls	42				
4.2	Total expenditure excluding salary during the year (INR in lakhs)	565				
4.3	Total number of computers on campus for academic purposes	517				
Part B						
CURRICULAR ASPECTS						
1.1 - Curricular Planning and Implementation						
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process						
<p>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 on 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</p>						

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 Intra-departmental meetings are held with the Principal to take review and discuss the curriculum delivery

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

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

The Institution ensures an effective implementation of Continuous Internal Examinations (CIE) through a well-defined process. First, the College Academic Calendar is designed on the basis of the JNTUA academic calendar, framed at the commencement of each semester. The Examination cell will prepare Year planner after receiving the academic calendar from the University . There are two semesters in an academic year. Each semester consists about 16 weeks of duration. After about 08 weeks of instruction a Midterm examinations is conducted. In case of the laboratories, there is a continuous assessment for every laboratory session. In addition, assignments are conducted at regular intervals.

- Mid-Term Examinations

Two midterm examinations are conducted per semester with a Descriptive and an Objective paper.

- Laboratories:

The students are assessed for 30% of the internal marks and 70% of External Marks based on the rubrics designed by the department academic council.

- Assignments

Regularly assignments are given to the students. The assignments

are so designed as to enable the students acquire knowledge of concepts on syllabus.

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

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

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

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

6

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

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

2382

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

2935

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

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

The Institution visualizes and supports a comprehensive development of the students including adequately addressing the sensitive issues related to gender and taking into cognizance the need for human values, professional ethics and environmental awareness.

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:

- Managerial Economics and Financial Analysis (R-20)
- Management Science (R-19)
- Managerial Economics and Financial Analysis (R-19)
- Universal Human Values (R-19)

- Entrepreneurship (R-19)
- Biology for Engineers (R-19)

The institution initiates diverse programmes and implements them through exclusive committees. Gender sensitive issues are addressed by a well-structured Women’s Protection Cell conducting awareness programmes.

The societal responsibility of the Institution is well established in its multifarious activities through its NSS wing.

In order to develop health awareness, the college scaffolds the less privileged and moderately informed rural people through some of its programmes.

The Institution observes all the important national days and important events.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

9

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

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

756

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

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

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
475	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)	
2.1.2.1 - Number of actual students admitted from the reserved categories during the year	
341	
File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File
2.2 - Catering to Student Diversity	
2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners	
Orientation Programme: The management, administration and motivational speakers form 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 Employabilit skills. In order to promote and create avenues of higher education, training programmes are arranged beyond the college working hours.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

Number of Students	Number of Teachers
2160	155

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Student Centric Methods:

The institution visualizes and implements several student-centric approaches for enriching the learning experience

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	View File
Link for additional information	Nil

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

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 the needed resources which include wide availability of computers in engineering departments and library, high speed internet access to students and the faculty. Teaching/Learning methodologies include the use of ICT tools for field study, case-studies, experimental methods, flipped class room sessions etc. The Institute 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 Practica 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. Communication skills training facility is enriched with ICT tools to make the students acquire proficiency in listening, speaking, reading and writing skills.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

124

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

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

155

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

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

25

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

605

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Our Institute is affiliated to JNTU, Ananthapur, the rules and regulations for evaluation process are laid down by the affiliating University and are communicated to students through syllabus copies supplied in the beginning of first year of their academic program.

- The schedules of mid examinations are communicated to students and faculty in the beginning of the semester through academic calendar.
- One week before the mid timetables are circulated and displayed in the departments and exam cell notice boards.
- After the correction is over the mid answer scripts are distributed to the students and the students can verify their marks
- Finalized mid marks are displayed in the department notice boards.
- The mid marks and the end exam marks are entered in CMS site and they can see the marks by login in to the site at any time.
- For each semester two internal exams will be conducted as per the regulations of the JNTU Ananthapur University.
- The rubrics of Theory, lab, Seminar and Project Works are displayed in the department notice boards
- The periodic instructions issued by the university are properly communicated to students and faculty through circulars.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The Institute implements all the mandatory practices as have been prescribed by the JNTUA related to the examination-related issues. There is an Examinations & Evaluation Department with a structured hierarchy, taking care of all the exam-evaluation related issues and adequately addressing them. All the processes are transparent and found to be quite effective resolvable within a stipulated frame of time.

- Examination Cell

A Examination Cell (EC) is constituted to address the examination-evaluation related grievances at the University, Institution and Department levels.

- External Grievance- University level

In case of any grievance regarding the external end examinations, the student can make representation to the University for recounting / challenge valuation.

- Malpractices

Instances of malpractices are dealt-with in accordance with the established procedures without any deviation and the scales of punishment are scrupulously implemented. All the procedures are duly documented with signatures of erring student, room invigilator and any other authority as per the case.

- Other Grievances:

The internal grievances are resolved in the department by the concerned HOD checking that whether the evaluation was done based on the rubrics defined.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

The Course Outcomes (COs) represent the expected knowledge and skills student acquires at the end of a course. COs have been thoughtfully defined for all courses across the various programs being offered. The COs of all courses offered are prepared by the respective course instructor at the start of the semester and uploaded on the college website. The subject teacher maintains a teaching plan in which six course outcomes are written, which are measurable, and maps across all cognitive levels of Bloom's taxonomy. COs are revised, if a need be, after seeking approvals from the department committee. The Program Outcomes (POs) which are based on Graduate attributes are disseminated amongst all stakeholders and are prominently displayed on Department notice boards, laboratories, classrooms, and also the institute website. Since 2015, National Board of Accreditation has defined 12 POs thus maintaining uniformity across all branches of Undergraduate Program in Engineering. Workshops, seminars and webinars have been conducted to educate the teachers about the outcome-based education and its implementation.

Program Specific Outcomes (PSOs) and Program Educational Objectives (PEOs) have been defined and disseminated amongst all stakeholders along with the POs. In our institution, every faculty member understands the concept of

Outcome based education.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://gist.edu.in/gist/wp-content/uploads/2021/11/2021-22-CO.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution Direct Assessment (80%) 1. Internal Examination Assignment and External Examination This process includes following three components 1. Internal Examination (30%) 2. Semester End Examination (70%) Indirect Assessment (20%) 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 correspondin CO is not attained

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

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

461

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
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/1L_bfEgiO3iyjJJ4DAnBzxjhB91olSEub/edit#gid=1804731723

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

nil

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

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

3.1.2.1 - Number of teachers recognized as research guides

5

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

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

3.2 - Innovation Ecosystem

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

The 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	View File
Paste link for additional information	Nil

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

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

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

3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year**3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year**

39

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

77

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The Institution earnestly endeavours to sensitize the students and involve them in several community development activities leading to enhanced social awareness and their holistic development. The local selfbodies, the police, the NGOs, medical personnel, the Red-Cross Society, Lions' Club, psychotherapists and the general public are brought together to work hand-in-hand for developing the community. The college conducts several community development programmes involving the students and the NSS wing such as awareness camps on personal and community hygiene, seasonal diseases, road safety, health, clean & green initiatives, rallies, literacy campaigns, plantation programmes, 'Manam Vanam', Face Mask and Hand Sanitizers in COVID-19 Pandemic Situation, Distribution of Dry fruits and Food to COVID-19 patients in

pandemic, COVID-19 Vaccination Drive, 'Swachacha Bharath' and Awareness on COVID-19 rally programmes to build a better society. Health camps aim at providing health services besides creating an environment to sensitize the community about health issues. Rallies on seasonal diseases enlighten the people on the seasonal diseases, causes, preventive measures and need for environmental cleanliness, personal hygiene, prevention of water stagnation and using mosquito nets. Massive Tree Plantation drives address the issues like deforestation, soil erosion.

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

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

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

1

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

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

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

15

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

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

2570

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

32

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

17

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The 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 18200 Sq.mts. with the following physical facilities in tune with the norms of AICTE and JNTUA.

Class Rooms:

- No. of ICT enabled class rooms: 36
- No. of Departments: 5
- area in m²=66 each

Tutorial Rooms:

- No. of Tutorial Rooms: 08
- No. of Departments: 06
- Area in m²=33 each

Seminar halls:

- No. of seminar halls: 02

- Facility:ICT Enabled
- No. of Departments:06
- Accommodation:700

no.s Laboratories:

- No. of Departments:06
- Total no. of laboratories:42
- 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: 16
- speed:78 MBPS
- Service Provider:BSNL ,MYGURU.

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 reference books.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gist.edu.in/gist/wp-content/uploads/2020/01/ClassRooms.pdf

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

Indoorgames & Courts:

- 1 no. of Table Tennis having area of 42.85Sq.ft
- 6 no. of Carrom board roomhaving area of 40.32Sq.ft
- 4 no. of Chessboard roomhaving 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
Upload any additional information	View File
Paste link for additional information	Nil

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

38

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gist.edu.in/gist/infrastructure-ict/#1579869403959-f71ffe7c-f047
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

31.50

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

An integrated library system is accessed through software, either on-premises or cloud-based. ILMS serves as a centralized repository for library content, which may include books, Journals, Magazines, Project Record details and other resources. The primary purpose of an ILMS is to save you time and effort by providing one centralized location where staff and students can perform any library-related tasks. Integrated Library Management Systems (ILMS) relieve librarians of the burden of maintaining separate systems for each service and create a more streamlined, user-friendly environment. This makes it easier for the library staff and students to find the information they need when they need it.

Cataloguing and collection management is an essential feature of a

library system. It is used to add information to the library database and these bits of information are stored inMARC format.

The circulation module keeps track of when items are checked in or out, their location in the library, and automatically sends notifications to patrons as emails or text messages.

Online Public Access Catalogue (OPAC): Integrated library systems have OPACs that allow staff and students to access the system's interface. This way, it is possible to manage accounts.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://gist.edu.in/gist/library/#1582030784532-88fca40a-33b9

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

B. Any 3 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

2.40

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

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

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

13074

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

IT facilities such as Wi-Fi with updation & nature of updation
Number of systems with individual configurations

? Desktop (Intel i5, Intel i3 processor with 4-8GB RAM and 1TB Hard disk

? Dual Core and core 2duo, P4 Processor with 4GB RAM and 320 GB to 500 GB HDD)

? Laptop (i5 Processor with 16GB RAM with 1 TB Hard disk)

? Total number of systems- 517

Dedicated computing facilities

? Internet in All Computer Labs

? LAN in All Classrooms

? LCD Projectors

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

517

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

86.04

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

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	View File
Paste link for additional information	https://gist.edu.in/gist/campus-maintenance/#1579791962106-7b02d17b-c3b3

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1268

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

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

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

754

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1630

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

1630

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

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

230

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

2

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

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

8

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

5.3 - Student Participation and Activities

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

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

5

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

The Institution firmly believes in empowering the students within the framework of the administrative processes by encouraging their participation in most of the academic and administrative committees, Department Associations and Student chapters that are actively functioning in the college such as ISTE, CSI, IEEE, IE (I) and IETE.

Internal Quality Assurance Cell (IQAC)

The primary aim of IQAC is to develop a system for conscious, consistent and catalytic action to

National Service Scheme (NSS)

The students are given an opportunity to participate as student volunteers in all the activities scheduled by college NSS cell. Every year, 100 student volunteers will participate and extend their services in NSS related events. They play a significant role in creating awareness on social service among the students, selecting service projects on the basis of utility and feasibility and addressing emergencies and natural disasters if occurred at

any time.

Internal Complaint Cell (ICC)

Library committee

Anti ragging Sub committee

Alumni Association

Sports and Games Committee

Class committee

Extracurricular activities

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

5

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

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development

of the institution through financial and/or other support services

At GIST the relationship between the alumni and the alma mater is integral and continuous. The Institute has an active activity calendar and connects with the alumni regularly. Geethanjali Institute of Sciences and Technology Alumni Association is a registered Society (Regd No: 24/2019, Registrar of Societies, Nellore) following the norma procedures. The byelaws have been constituted and the Office-bearers are elected. The spirit of the Association is to strengthen the alumni by cherishing the values and memories of their association with the Geethanjali Institute of Science & Technology, and interacting on continuous basis with the other alumni, students and the faculty Initiatives involving finances: The Alumni of the Institute is warming up to the requirements of the Institute. Moderate financial support has bee trickling in from the alumni. They have started, to identify the small, but necessary requirements and to attempt to provide the same.

File Description	Documents
Paste link for additional information	https://gist.edu.in/gist/alumni-gallery/
Upload any additional information	View File

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

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision

"To emerge as a leading Engineering Institution imparting quality education"

Mission

IM1: Effective teaching-learning strategies for quality education

IM2: Congenial academic ambience for progressive learning

IM3: Skill development through Industry-Institute initiatives

IM4: Nurturing environmentally conscious and socially responsible technocrats

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
Paste link for additional information	https://gist.edu.in/gist/vision-mission/
Upload any additional information	View File

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

Decentralization Management: The Institution has a well-designed organizational structure with different committees and well-defined processes to administer diversified functions, results timely action, in tune with its vision and mission. The vital decisions concerning the governance and administration of the institution as well as infrastructural development and provision

of various amenities and facilities are delivered by the Governing Body, of which the Principal plays a crucial role as Head of the Institution. The Principal, as head of the institution makes the key decisions concerning the academic functioning, in regular consultation with the institution's highest quality assessment body, IQAC., Participative Management Geethanjali Institute of Science and Technology practices participative management to achieve excellence in education, by involving faculty, staff and students in all its activities at various levels. To depict the effective participative management in the Institution, a case study of conducting Orientation/Induction programme for Freshers is quoted as an example. Dynamic involvement of both faculty & students in various activities such as cultural events, stage & seating arrangements, Event organizing & compeerin activities, Disciplinary activities, Hospitality arrangements, transportation arrangements ensures the effective participation at all levels in making the event a great success.

File Description	Documents
Paste link for additional information	https://gist.edu.in/gist/event/a-report-on-induction-programme-for-the-academic-year-2021-2022-held-on/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

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 conductive plans to accelerate the pace of Institution on the growth trajectory. These strategies and plans keep pace with contemporar 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 deepe 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	View File
Paste link for additional information	https://gist.edu.in/gist/news/
Upload any additional information	View File

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

The Geethanjali Institute of Science of Technology organogram is democratic, participative and two-way process oriented. The structure allows the members to continually expand capabilities, participate in decision making processes at different levels. It follows a flat organisational structure, ensures quick and effective decision making and timely execution as given below.

The top most layer of the organogram is governing body. This is responsible for apex level decision making.

Principal in next layer is the chairperson of administrative and academic activities of the institution responsible for overall administration and academic function of the institution.

Director, HoD's of Department, Training and Placement Officer, Convenors of Academic bodies and Committees in the 3rd layer help the Principal.

Under each HoD respective teaching staff, technical staff and office staff are there.

Under Training and Placement Officer, Aptitude trainers, Soft skills trainers and Career guidance counsellor are working.

IQAC, Finance Committee, Examination cell, ICC, Professional societies, Anti-Ragging committee, staff grievance and redressal committee, SC-ST Welfare cell, Alumni coordination cell, Hobby club, NSS club and Medical cell etc., functions under the chairmanship of the Principal to take care of all needs of students at all levels.

File Description	Documents
Paste link for additional information	https://gist.edu.in/gist/committee/
Link to Organogram of the institution webpage	https://gist.edu.in/gist/about-geethanajali-institute-of-science-and-technology/
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The Institution 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 materia 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
Paste link for additional information	Nil
Upload any additional information	View File

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

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

4

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

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

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

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

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

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

20

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

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

The Institution has its performance appraisal for Teaching and Non-Teaching staff to improve the standards and operational efficiency of the governance. Several parameters like teaching standards , punctuality, ability to discharge the administrative, Research,

Consultancy work, if any allotted to him / her during the year, improvement in skill set were adopted for assistive the competency levels, aptitude for research and development, ability for teamwork. The metrics mentioned will be graded on a 12 point scale by the Head of the Department will be submitted to the Principal with appropriate remarks. Based on the recommendations of the Principal the increments will be given. Similar procedure adopted for non-teaching staff also. The heterogeneous nature of the composition of non-teaching staff requires certain standardized parameters applicable to all categories. The key parameters for the performance appraisal and estimation of the non-teaching members considered on a five point scale are the attitude towards peers and students, levels of courtesy and cooperation, self motivation and ability to motivate others. The other metrics considered are sensitivity to the needs of the students and faculty, upgrading the skill set and self-drive initiatives.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Internal financial discipline is strictly adhered to, in performing various transactions in the process of material purchase, procurement of machinery adopting all the standard procedures and norms in inviting quotations, preparation of comparative statements, and issue of purchase orders followed by procurement of machinery/material. The account section performs audit of the every single financial transactions of the institution on day-to-day basis.

Internal Audit The Institution follows a very functional approach for the verification of all the expenses incurred. When the events and the activities are conducted during the course of the year, the respective Convenors propose a budget through proper channel, duly endorsed by the Principal and approved by the Financial Committee of the College. The Finance officer of the institution conducts the internal audit at the end of financial year and verifies all the financial transactions.

External Audit: In the mandatory annual external audit by competent registered professionals, the auditors practice standard procedures and processes to obtain a reasonable confirmation to rule-out any financial irregularities or discrepancies in the balance sheet. They intensely examine and cross verify the finances emanating from various sources, their authenticity and validity and strike a balance between the financial resources and expenditure incurred by the institution under various heads.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

8.38

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

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

Resource mobilization and optimal utilization of the procured fund is a crucial factor in running an academic Institution. The Institute has established pattern of mobilization of required fund. Some of the major sources of income are listed here under:

- Tuition Fee
- Secured Loans
- Unsecured Loans
- Over Drafts
- Transportation Fee
- Hostel Fee

- Examination Fee
- Registration Fee for Workshops,
- FDPs e.t.c

Utilization of Resources: The Principal calls for a budget meeting and all the budget proposals are received from the HoDs of respective departments. All such proposals are put before the Governing Body for review and recommendations of Finance committee for due approvals under specific heads and are spent accordingly. **Funds utilization strategies:** The budget amount is earmarked annually in accordance with the financial requirement of each department following wide consultations and extensive discussions hierarchical structure and the funds are allocated in the budget accordingly. According to financial requirement of each department, budget amount will be allocated annually for maintenance, of infrastructure and purchase of equipments for various labs and Training Aids.

Expenditure Procedures: The supervisory mechanism ensures proper utilization of funds also ensures a judicious, prudent and optimal utilization of the allocated amounts as per the requirement of each department. The other heads of expenditure include salaries and wages, administrative expenses, maintenance of transport, garden, canteen and generators, ban charges, financial costs and interests, functions and festivals, workshops and seminars, printing and stationery, internet and telephone charges etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Strategic planning of key areas and assigning responsibilities. 1. Academic results 2. Student technical training 3. Student soft skills development 4. Placement support 5. Faculty development programs 6. Interaction with industry 7. NBA accreditation
Academic inspections are carried out periodically to assess the quality of academics. The inspections involve: 1. Review on student quality enhancement audit 2. Mechanisms to identify and reform academic practices 3. Review of departmental facilities 4.

Facilitate implementation of innovative teaching methods in the departments. 5. Self-development of faculty member Practice No I -Webinars & Workshops -The imposition of the Covid19 lockdown gave an opportunity to the teachers to reflect and expand their intellectual horizon. The lockdown also provided an opportunity to explore new technologies in teaching, learning, research and collaboration. The various departments and teachers took full advantage of the situation and organized a number of online seminars and workshops. There were 3 webinars and workshops organized by various departments during the year . Practice no II- FDP- The IQAC of the college has always strived to keep the teachers abreast of the latest developments in different fields, including education, technology and research. The IQAC, in collaboration with th Staff Academy of the college had organised 5 lectures on varied topics during the year. To update the computing skills.

File Description	Documents
Paste link for additional information	https://gist.edu.in/gist/iqac/#1636109079043-f8a7acbe-864a
Upload any additional information	View File

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

Practice 1: Teaching Methodologies IQAC conducts auditing in periodical intervals by gathering data from faculty in a specially designed format for the purpose of accurate evaluation of the quality and questionnaires annually with main emphasis on curricular aspects, teaching learning methods, faculty programs and institutional programs. Diverse methodologies such as presentations, group discussions, tech talk, game based learning, field visits, assignments, flipped classrooms, Quiz, story boat, case studies, Video clips, recitation, mind maps & Puzzle maps, fish bowl, Think pair share, Flowcharts, mini projects, Student seminars, prototype, posters, experimental learnin etc are adopted under the initiative of IQAC to improve the quality of content Faculty Quality Enhancement Audit IQAC Checks and verifies the Course files, lab files, and project files before the academic year commences and the concerned department has to present the data every year before the commencement of semester and close of semester. IQAC also scrutinizes keenly the personnel files and

update the quality improvement of the faculty as part of their career building thrice in the academic year i.e., at the commencement in the middle and at the close of Academic Year. By adopting this practical approach the faculty can widen the scope of learning and knowledge paving the way for their successful career building in teaching profession.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

B. Any 3 of the above

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

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Internal Complaint Committee (ICC)

ICC will examine all matters relating to women/girls in the institution and will make suggestions.

The committee will admit complaints from Female employees/ Female students.

The ICC works to promote gender sensitivity and produce harmonious. It organizes workshops and sensitization programs.

.In all the administrative committees' lady faculty are given equal opportunities. Rigid measures are adopted if any instance of harassment of women.

1. Safety & Security

The Institute provides a safe and secure environment to the students and staff with a security wing. Electronic Surveillance is fixed in different locations.

The security verifies and takes care of buses. The institute provides exclusive transport to girls. The College has compound wall.

The institution has fire extinguishers in each floor to safeguard the fire accidents. The institute has a medical room.

2.Counseling:

The major objective of the counseling centre is to facilitate academic, emotional and cognitive development of the students and their empowerment.

The ICC members are also allocated as specific mentors to take care of girls and counsel specific girls on issues.

3.Common rooms:

Common rooms are available for girls. These are furnished with basic amenities to have a pleasant and comfortable stay.

File Description	Documents
Annual gender sensitization action plan	https://gist.edu.in/gist/internal-complaint-committee/#1648628909718-d634ad1f-a00d
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://gist.edu.in/gist/internal-complaint-committee/#1648111991555-ae5fe085-f040

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

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

The institution adopts comprehensive measures for disposal of waste management.

Solid Waste Management: Solid waste is segregated into dry and wet waste. Non-biodegradable waste generated in the institution is collected in plastic bins and disposed to a far way location in the waste disposal vehicles of near by panchayat. Wet waste: All bio degradable waste like fruit/vegetable peels, tea leaves, coffee powder, egg shells, meat and bones, food scraps and rotten flowers are disposed of in big plastic containers. The unpleasant foul smell emitted from wet waste gets neutralised by adopting chlorination and bleaching methods.

Liquid Waste Management The liquid waste is discarded into identified outlets through a network of drain pipes. Part of the liquid waste generated is utilized as nutritious fertilizer for growing greenery in the campus. Low flush toilets are installed in

washrooms to ensure easy discharge of human waste.

E-Waste Management: E-waste is an electronic product nearing the end of their useful life. Some components are identified and reused during repairs. The E-waste generated in the Institution is segregated and stored in separated room (EB 401) and handled by the authorized agencies to facilitate dismantling and recycling confining to the norms of National Pollution Control Board.

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

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

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

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

B. Any 3 of the above

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

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

B. Any 3 of the above

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

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

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. Constitutional provisions promoting equality, tolerance, harmony, gender equity disseminated at various student gatherings.
 4. Communal harmony promoted through celebration of Dussehra, Ramzan, sankranthi sambaralu etc.
 5. Extension activities to uplift socially backward students of neighbouring schools.
 6. Develop community service in students through organizing health camps for villagers to instill social responsibility and spirit of service.
 7. Republic day, Independence Day etc. celebrated to foster nationalism and spirit of unity.
 8. Teachers Day, National Science Day, and Engineer's day hosted to provide inspiration through success stories of Dr. Sarvepalli, Sir Mokshagundam etc.
-
1. Institution has SC/ST and welfare Cells with senior faculty members of different categories and religions as members.
 2. The outcomes of above good practices of the institution are reflected below: Students from backward communities about 60 %
 3. Faculty diversity ensured (30% faculty pursued higher

education from outside the state), and all promotions are merit-based.

4. 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)	View File
Any other relevant information	View File

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

Geethanjali Institute of Science and Technology sensitizes the students and the employees of the institution to th 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 render students in to responsible citizens	https://gist.edu.in/gist/wp-content/uploads/2022/08/REGULAR-EVENT-REPORT-2021-2022.pdf
Any other relevant information	https://drive.google.com/file/d/1JtHr9U-wyv5q94zhYta-Mmmzr2cWx3GB/view?usp=sharing

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

B. Any 3 of the above

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

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

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 Republic Day and Independence Day are celebrated in the campus with rhythmic march pasts, hoisting national flag and rendering national anthem in all

solemnity, patriotic fervor and decorum following the standard protocols. National Youth Day National Youth Day is celebrated on 12th January commemorating the birth anniversary of the philosopher Swami Vivekananda. National Voters' Day The Institute celebrates the National Voters Day on 25th January. NSS wing organizes 'a voter's pledge to cast vot without fear or consideration of religion, caste, creed, language or any inducement for the betterment of the nation. Dr. B.R Ambedkar's Birthday Dr. B.R. Ambedkar, the architect of Indian Constitution, is reverently remembered on his birth anniversary on 14th April and his contributions. 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 the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

7.1.2- BEST PRACTICE 2

1. Title of the Practice - Skill development training programmes

2. Objectives of the Practice:

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

3. The Context:

JNTUA curriculum has more number of basic science course, but industry requires

knowledge on latest technology, so these skill development programs are helpful to fill gap

between curriculum and industry.

4.The Practice:

- Skill development course catalogue was collected from training institute.
- Ask the students to choose the course from catalogue which is provided by Training institute.
- Request the training institute to allot trainer based on course which was chosen by students.
- Training certificates will be issued to students those who successfully completes the training.

5.Successful outcomes:

Due to skill development programmes by the external trainer, there has been a marked improvement in the overall

- Students skills set are improved
- Many students got placement on their own due to additional training.
- Number of students placed in the campus recruitments also indicates the effective functioning of mentorship program.

6.Problems Encountered and resources required:

Common concerns addressed in Skill development due to online training programmes

- Lack of knowledge on perquisite of programme.
- Lack of time for practice session.
- Each student has different goal to achieve.

Skill development due to online training programmes

7.Resources required for -

- Lack of time for practice session.
- Each student has different goal to achieve.

File Description	Documents
Best practices in the Institutional website	https://gist.edu.in/gist/wp-content/uploads/2023/10/BEST-PRACTICE-3.pdf
Any other relevant information	https://gist.edu.in/gist/wp-content/uploads/2023/10/BEST-PRACTICE-4.pdf

7.3 - Institutional Distinctiveness

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

Spoken Tutorial

Spoken Tutorial is a multi-award winning educational content portal. Here one can learn various Free and Open Source Software all by oneself. Our self-paced, multi-lingual courses ensure that anybody with a computer and a desire for learning, can learn from any place, at any time and in a language of their choice. All the content published on this website are shared under the CC BY SA license. End-of-Course online tests and certificates are available for those who wish to test their expertise in a particular software. These certificates give an edge to students during placement by increasing their employability potential.

GHUB (Incubation Centre) at GIST in association with AIC-SKU

Geethanjali Institute of Science and Technology is delighted to partner with AIC-SKU (Atal Incubation Centre-Sri Krishnadevaraya University), one of the premier Incubation Centre in the region identified by NITI Aayog, Govt of India as Platinum Academic Partner and looking forward to build a strong and sustainable start-up eco-system.

The GIST and AIC-SKU agree to work closely, exploring their available resources on mutually agreed terms, to arrange and organize the activities related to Innovation, entrepreneurship, and venture development. AIC-SKU and GIST will spearhead the process of motivation, ideation, prototype development, business planning, necessary training through internships and events, and mentoring students and faculty towards entrepreneurship.

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

7.3.2 - Plan of action for the next academic year

- To conduct external Academic and Administrative Audit
- To conduct Energy-Green-Environment Audit by accredited agencies
- To organize Student Induction Programme
- To equip teachers for Online Teaching and promote Blended Learning
- To enhance Best Practices activities of the college
- To evaluate and complete ISO Certification
- To organize Faculty Development Programmes
- To participate in NIRF India Ranking
- To collect feedback from Stakeholder on Syllabus
- To refine Outcome Based Education dynamics in the college
- To organize events on Code of Conduct for Students, Staff and Parents
- To initiative research promotion and innovation promotion in the campus
- To organize events to promote gender equity and respect for Women.