YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr. S. Udaya Kumar
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9866308257
• Alternate phone No.	9912744988
• Mobile No. (Principal)	9866308257
• Registered e-mail ID (Principal)	uksusarla@gmail.com
• Address	Cheeryal (Village), Keesara (Mandal), Medchal (District)
• City/Town	Hyderabad
• State/UT	Telangana
• Pin Code	501301
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	19/04/2016
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**UGC 2f and 12(B)**
• Name of the IQAC Co-ordinator/Director	**Dr. B. Leelaram Prakash**
• Phone No.	**9346314538**
• Mobile No:	**9346314538**
• IQAC e-mail ID	**iqac@gcet.edu.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	**https://www.geethanjaliinstitutions.com/engineering/img/downloads/AQAR_21-22.pdf**
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	**https://www.geethanjaliinstitutions.com/engineering/academic-calendar.html**

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.36**	**2017**	**09/06/2017**	**08/06/2022**
Cycle 2	**A+**	**3.27**	**2022**	**21/09/2022**	**20/09/2027**

6.Date of Establishment of IQAC	**11/06/2012**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Teja Educational Society (GCET)	Scientific and Industrial Research Organization	Department of Scientific and Industrial Research (DSIR)	01/04/2023	0
PI: Udaya Kumar Susarla, Co PI: OVPR Siva Kumar, Co-PI:Dr.G.Neeraja Rani	Extramural Research & Intellectual Property Rights	DRDO, Kanpur	02/04/2018	458100000

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	**View File**	

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

• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	

10.Did IQAC receive funding from any 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)

SIGNIFICANT CONTRIBUTIONS BY IQAC ? A concerted effort towards
sustaining and improving quality in all activities of the

institution resulted in: • Securing 17th place in "Top Engineering Colleges of Excellence in India Survey-2023" conducted by "CSR Rankings" • Securing 9th position in the state of Telangana and 78th position at national level in "Top Private Engineering Institute Rankings-2023 conducted by "Times of India" • Securing 173rd rank in Best Private/Government Engineering Colleges of India conducted by MDRA-India Today Survey". ? Ranked in the band of (101-150) in the Innovation Category by the National Institutional Ranking Framework (NIRF), MoE, in the year 2023. ? Sustained effort emphasizing on the importance of creativity, innovation and research has resulted in 126 faculty research publications in reputed journals and Fourteen (14) patents. ? A more rigorous training given to advanced learners, resulted in significant increase in number of placements. (1420 offers, 645 individual placements) and median salary package of 4.6 LPA. ? Organized two workshops namely: "Leadership and Governance for Institutional Sustainability" during (8-12) May 2023 and "Developing Faculty Members as Academic Leaders" during (3-8) July 2023 22-23. ? Conducted Academic and Administrative Audit and Green, Energy and Environment audits. ? Increase in innovation and entrepreneurship awareness programs resulted in incubating a start-up incorporated as section 8 company. ? Initiated a Cohort's innovation program facilitating ideation of students. ? Emphasis on energy conservation with an aim to reduce fossil fuels, develop climate friendly refrigerants and LVDC cooling systems eliminating chloro-fluoro carbons in refrigeration, thus initiating institutional contribution towards UN SDGs. SIGNIFICANT CONTRIBUTIONS BY IQAC ? A concerted effort towards sustaining and improving quality in all activities of the institution resulted in: • Securing 17th place in "Top Engineering Colleges of Excellence in India Survey-2023" conducted by "CSR Rankings" • Securing 9th position in the state of Telangana and 78th position at national level in "Top Private Engineering Institute Rankings-2023 conducted by "Times of India" • Securing 173rd rank in Best Private/Government Engineering Colleges of India conducted by MDRA-India Today Survey". ? Ranked in the band of (101-150) in the Innovation Category by the National Institutional Ranking Framework (NIRF), MoE, in the year 2023. ? Sustained effort emphasizing on the importance of creativity, innovation and research has resulted in 126 faculty research publications in reputed journals and Fourteen (14) patents. ? A more rigorous training given to advanced learners, resulted in significant increase in number of placements. (1420 offers, 645 individual placements) and median salary package of 4.6 LPA. ? Organized two workshops namely: "Leadership and Governance for Institutional Sustainability" during (8-12) May 2023 and "Developing Faculty Members as Academic Leaders" during (3-8) July 2023 22-23. ? Conducted Academic and Administrative Audit and Green, Energy and

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12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
1. Branding of the college to attract better quality students	The branding of the college is improved which is reflected in better ranking of students admitted this year.
2. Development of leadership across various departments/units for sustainability of the institution	The leadership qualities of many staff members were improved by making them to attend One-week Workshop on Leadership and Governance for Institutional Sustainability from (08-12), May 2023
3. Good Governance using LMS and ERP s/w including financial resources management	Training has been provided to all the faculty members on the use of LMS and ERP software such as Ref Globe
4. Providing informal education, by organizing programs and activities for the benefit of the Community and thereby increasing Community Service and Extension	With the help of some selected students, the NSS unit of GCET provided training to the school children of nearby schools
5. Create awareness and initiate measures for Protecting and Promoting Environment.	The Environment Club of GCET has organized many events to create awareness on protecting Environment such as Ban on Plastic, Haritha Haram and Restricted entry of Vehicles in the campus etc
6. Encourage and facilitate creativity and innovation in students employing project based learning	Institution Innovation Cell (IIC) of GCET is very active and encouraged many students to participate in Hackathons conducted across many Institutions of National repute
7. Involving more number of faculty to adopt PBL thereby improving Quality of TLP, with more faculty adopting Problem/Project Based Learning (PBL)	Few departments are implementing PBL activities to impart experiential learning to the students

8. Expansion of Incubation Centre for Product Development and Entrepreneurship	Incubation center is strengthened by providing necessary funding which resulted in 1 startup registered with MSME, GoI.
9. Expansion of Academic and Research infrastructure (For improved Teaching-Learning, R & D, and Consultancy)	Institute always encourages staff members by providing Incentives to the faculty who publish research articles in Scopus and SCI Journals
10. Quality student placements both in terms of numbers and companies with a median salary of 6 to 8 lakhs PA.	The efforts are on to attract good number of companies which offer more salary packages and it resulted in 2 students securing 31 Lakhs package.
11. Improve Industry - Institute - Interaction using inputs from GB members, Resource persons, faculty and Alumni	Institute has undergone more MoUs with reputed organizations
12. Increasing number and quality of co-curricular and extra-curricular activities through Student Clubs, Professional Bodies and Technical Associations	The club activities are also improved by continuous monitoring and providing necessary funding.
13. Significantly improving Alumni Engagement and Interaction	The Alumni are invited for providing necessary guidance to share their experience with their juniors
14. Revise the Vision and Mission of the College, where necessary, aligning with the aforesaid objectives	It is under consideration
15. Continuously innovate, introduce new courses either in curriculum or offer as VAC, remaining relevant to the changing needs of the stakeholders	Few departments are conducting Value Added Courses to the students on latest topics to enhance their employability skills.
13.Was the AQAR placed before the statutory	Yes

body?

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
GOB	01/11/2022

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

- Year

Year	Date of Submission
2022-23	16/02/2024

15.Multidisciplinary / interdisciplinary

As an autonomous institution, GCET has been administering ten multidisciplinary programs (eight UG in Civil, Electrical, Electronics and Communication, Computer Science and allied areas, and Mechanical Engineering and two PG in Computer Science and Business Administration). Learners acquire knowledge, develop critical thinking, solving complex problems using more than one discipline of their pursuance. With the global industry 4.0 and 5.0, converging towards automation, requiring sound knowledge of computer science in every discipline, institute has been offering a minor course in computer science, for all its undergraduate programs, adding intrinsic value towards the capabilities of its graduates, thus promoting interdisciplinary and personalised learning through a labile and organic curriculum, and apt pedagogical approaches, thereby nurturing future-ready graduates. Over and above, our undergraduates take up practical work, design thinking, internship, seminars and major projects encompassing basic mathematical, physical and engineering sciences. The UG programs as being offered by GCET under CBCS, comprise the following components with an average percentage mentioned for each as a total of 160 credits, required for a student to graduate: Humanities, Social Sciences and Management: 9% Basic Sciences: 15% Engineering Sciences: 16% Professional Core: 35% Professional Electives: 9.4% Open Electives: 5.6% Projects, Design Thinking, Internship and Seminar: 10% Several other Add-on courses leading to improved employability and professional enrichment: These courses on Logical

reasoning, environmental studies, human values, professional ethics, Project management and finance, and Entrepreneurship, also lend themselves as leading to a multidisciplinary philosophy. Apart from the above, several Value Added Courses (although not offered as part of the curriculum) viz., Design and Development of Electric Vehicles, Rivet Architecture Software Training, Advanced Programming Skills, Arduino and Raspberry PI Modules, Advanced Programming Skills, and Business English, also qualify as opportunities for Learners to acquire multidisciplinary experiences. Humanities and Social Sciences courses such as English, Communication skills, Social Sciences, and Management as offered in the curriculum, are designed to communicate effectively in English (both in written and oral); and understand how different types of organizations work, how financial resources are managed at individual, family, small organization, corporate and national levels. Social Science courses, including "open electives" offered by civil engineering, electrical engineering, and management, mainly focus on interactions among different individuals, and impact of technologies on humans, promote the philosophy of liberal education. Our PG programs offer advanced courses to students and facilitate them develop research outlook and towards this department of CSE offering Masters program in CSE has been recognized as research center by the affiliating University. Many of our Alumni can vouch for this multidisciplinary training as offered by GCET, and several of them are now holding coveted positions in elite organizations, and are practicing professionals in multidisciplinary ventures.

16.Academic bank of credits (ABC):

Academic Bank of Credits (ABC): As per National Education Policy 2020, the Academic Bank of Credits (ABC) has been envisaged to facilitate the academic mobility of students with the freedom to study across the Higher Education Institutions in the country with an appropriate "credit transfer" mechanism and to choose their own learning path to attain a Degree or Diploma or Post Graduate diploma or academic qualification, working on the principle of multiple entry-multiple exit as well as any-time, any-where, and any-level learning. The notable features of ABC are as follows: Allows academic institutions to lodge and maintain the integrity of the credits Maintains the authenticity and confidentiality of student credits Easy credit transfer through digital mode Faster credit recognition The institution has registered on National Academic Depository (NAD) portal. NAD provides a legitimate and user-friendly method for online submission, verification, and validation of academic awards granted by various educational institutions. This will significantly minimize fraudulent activities such as

certificate forgery and mark-sheet forgery by allowing online verifications of the same. Students are advised to register on the ABC portal through Digi Locker to verify the availability of credits in their ABC account. Subsequent to registration by the students on ABC portal, an ABC ID will be created which must be submitted to institution so that credits may be sent into their respective ABC accounts. Academic Bank of Credits facilitates students to provide significant autonomy by offering extensive choice of courses for a program of study, flexibility in curriculum, novel and engaging course options across a number of higher education disciplines or institutions. In addition, students are encouraged to pursue courses under SWAYAM NPTEL, MOOCS, Coursera and other similar universally accepted platforms as an alternate for mandatory courses and certain elective courses to avail the facilities provided by the Academic Bank of Credits. Additional credits are also offered to students who pursue online courses offered by recognised platforms.

17.Skill development:

The institution has been offering training courses on Stitching, paper bags making, MS office etc. to rural unemployed (youth and women folk) thereby facilitating them to make a living, which is in alignment with NEP-20. Geethanjali, as part of its UG curricula, has been administering Engineering Workshop, comprising, "carpentry, smithy, filing, welding, house wiring etc." for a total duration of 32 hours. However, the institute is of the opinion that each of the above, should be for a duration of 32 hours to gain some semblance of proficiency. Hence, the institute has identified vocational courses mentioned under point 2 of this document, integrating the above into curricula of mainstream engineering education programs, by explicitly mentioning the exit/re-entry plan(s), if a learner chooses to, which are almost in alignment with NHEQF. The institution has also designed and administering three additional English language courses, each carrying one credit (each of 32 hours duration) along with two logical reasoning courses, each carrying two credits (each of 64 hours duration), all integrated into the curricula. Apart from this the institute has provided 25 Value Added courses across various departments. These courses have been facilitating students acquire adequate soft skills, communication skills and above all, critical thinking and logical reasoning skills, which are essential for gainful employment, higher education as well as career progression. Institution has a tie up with VIHE, Brahmakumaris, Art of living foundation, etc., and has been organizing several events with the help of these organizations towards holistic development of the student. Apart from these, institution also administers orientation/induction program for first

year students for a duration of 90-100 hours. Nearly, 50 faculty have undergone training on student induction program organized by AICTE/UGC/JNTUH. Over and above, four to five mandatory non-credit courses are offered on Human values, Professional ethics, Environmental studies, Gender sensitization and Indian Ethos. Further, several students participate in outreach activities, including NSS. All these promote the learner with a positive outlook through development of humanistic, ethical, constitutional and universal human values of truth, righteousness (dharma) etc. Institution has proposed a program structure for each discipline of its UG programs, if adopted by AICTE/UGC and approved by statutory bodies, wherein, students undergo at least two vocational courses in each academic year of their first two years. Institution is confident that the proposed vocational courses would help students find employment or enable them to start a small business unit of their own. College being located in not too far away from industrial area, proposes to engage the services of the personnel/industry available, utilizing the contacts of industry personnel invited on to its Governing Body, Academic Council and Boards of Studies, rope in more industry personnel to train faculty and technical staff on vocational skills for a sustainable vocational training courses benefitting students, in particular, students who may take an exit path prematurely.

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

The institution has been attracting faculty and a good number of students belonging to other states which has been helping us to adopt to various cultures of other states, thereby not only developing linguistic and cultural tolerance but also facilitating integration of all cultures resulting in a pluralistic society. Institution plans to develop and administer certificate courses in Vedic Mathematics, astronomy, philosophy, yoga, etc. by tying-up with VIHE, Brahmakumaris, Art of living foundation, etc. Further, institute has also been offering courses on Human Values and Professional Ethics, Gender Sensitization, Environmental Studies, Indian Constitution etc. All these have been facilitating faculty and students of the institute, developing empathy-oriented compassion, practice gender equality, realizing and appreciating the economic and other contribution of women and addressing environmental issues towards sustainable development of society.

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

Institution has adopted OBE ever since the year 2010. Geethanjali has been striving hard in providing OBE, which clearly focuses and

organizes everything in an educational system around "what is essential for all students to be able to do successfully at the end of their learning experiences". Accordingly, we have defined our PEOs, using the POs of NBA, organized the curricula in the form of several courses to inculcate higher order thinking skills, specified their associated course outcomes. Consequently, adopted pedagogical practices, and subsequently aligned assessments to make sure the learning ultimately happens, ascertaining room for improvement in teaching and learning. Our OBE's Accent is on Promoting Thinking Process. All our faculty appreciate the fact that any learning should promote critical thinking and thus, our main focus has been on ensuring learning rather than teaching, as students cannot learn, if they do not think, since, any learning that doesn't involve thinking is absolutely of "no use". Hence, our pedagogical practices employed engage students with the course content, promoting critical thinking. Our faculty believe that a subject/course "does not exist in isolation", and therefore, help students make "links" to other subjects/courses, thereby motivating them towards continuous/lifelong learning. Faculty strive hard and ensure students appreciate "thinking process" and "enjoy learning" thereby students become self-explorers, who ultimately contribute to "Technological Advancements" for "Sustainable Societal Development". Our faculty ensure students acquire specific knowledge, practical skills through experimental and experiential learning (laboratory work, problem/project-based learning, internships, and industrial visits), develop attitude and higher order thinking skills during their course study, leading to professional development. Our faculty adopt various assessment tools to evaluate students' learning by aligning assessment to learning outcomes in a course, and provide feedback to students about their learning and accordingly, adjust their pedagogical practices and/or students' learning behaviours to ensure improved student learning. Towards the end, our OBE programs ensure, Teaching is purposeful, systematic, didactic, heuristic and Philetic cultivating intellectual curiosity, independence and grappling with aesthetic, ethical, political, social implication of ideas, encouraging students to discover, follow their interests, take responsibility for their own learning, nurture and develop them both academically, personally and professionally. Teachers provide students with appropriate and purposeful learning experiences and opportunities so that students acquire useful knowledge, develop higher order thinking skills, creativity, originality, self-motivation and independence, which can be used for technological advancements and sustainable societal development.

20.Distance education/online education:

> Our faculty make use of ICT-enabled tools for Classroom teaching-learning practices, preparing relevant power point presentations and videos to augment student learning experiences. Real time simulation exercises and virtual lab exercises adopted by teachers help in the demonstration of complex concepts so that students comprehend/demystify them with ease and are able to understand the nuances of the exercises better. Such efforts have borne fruits in terms of not only better comprehension of the concepts by the learners but also enhanced their long-term knowledge retention abilities. Students and faculty have unlimited access to the institutional Wi-Fi network. Wipro Training was conducted for final year students of CSE, IT, ECE and EEE (students with CGPA of 6.5 and above and with no active backlogs) by Wipro certified faculty of Geethanjali college of Engineering and Technology in two phases. In A.Y 2022-2023, online training was given for total 525 registered students, among which 302 students completed Phase-1 and 223 students have completed Phase- 2. Phase 1 training was given on Core and Advanced Java concepts for a duration of 185 hours. Qualified students of Phase 1 training (3 milestone assessments) were selected for Phase-2 training on Java Full Stack for duration of 50 hours. E-Certificates were issued to the Phase-2 as well as Phase- 1qualified students.

Extended Profile

1.Programme

1.1 **12**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1 **4315**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2 **866**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

2.3   **4137**

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

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

3.Academic

3.1   **490**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

3.2   **289**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**12**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	**4315**

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	**866**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**4137**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	**490**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**289**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.3 Number of sanctioned posts for the year:	**289**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**405**
4.2 Total number of Classrooms and Seminar halls	**70**
4.3 Total number of computers on campus for academic purposes	**2506**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**2811.84**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Curricula have been revised in 2020 catering to the needs of industry 4.0, wherein inputs have been taken from industry, R&D establishments, professional bodies, government and community, ensuring adequate relevance to the local, national, regional and global developmental needs, facilitating liberal and holistic education that has a strong potential to broaden students' perspective and transform the world meeting NEP 2020 as well as

some of the UNSDGs.

Curricula have not been subsequently revised as per the suggestions of accreditation committees of NBA and NAAC which have mentioned it is always good to change curricula after two batches have graduated under the same curricula.However, value added courses and other inputs through guest lectures, in addition to course based projects in many courses as well as mini/major projects have been administered to keep up with the advancements or developments taking place in various areas concerning to the specific discipline with clearly articulated outcomes meeting the POs, and PSOs thereby fulfilling the aspirational requirements of stakeholders.

All the above have also been helping students in acquiring the higher order skills of Bloom's Taxonomy, leading to improved employability as well as considerable career progression.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/1.1.1_1.1.3_1.2.1_AR18_AR20_AR22_Syllabus.pdf

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

01

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

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

490

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

1.2 - Academic Flexibility

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

240

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

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

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

It's the Vision and Mission of Geethanjali that their graduates

have a responsibility to their profession as well as towards the Organization they serve.Towards this objective, adequate care has been taken to impart not only fundamental knowledge through Curricula but also engage students in various activities inculcating the three Es': Education, Environment, and Experience, through courses titled, namely, "Human Values and Professional Ethics", "Business Ethics", "Environmental studies", "Gender Sensitization" etc. It's the conviction of not only the institution but also its faculty and staff that graduates of Geethanjali should possess and exhibit good attitude, honesty, integrity and humanism which are embedded in the institution's core values and guiding principles that facilitate graduates to serve towards the sustainable development of the society. In addition, institute conducts several community service activities through its NSS Unit facilitating development of a holistic perspective among students towards life, profession, empathy and happiness so that they are able to discharge their professional responsibilities with integrity, dignity, fairness and courtesy, avoiding conflict of interest with colleagues, Stakeholders and organisation.

Adequate awareness is created regarding the environmental impact on society due to urbanization and industrialization and many open elective courses are offered facilitating students understand the ecosystem.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

20

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

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

1640

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

2820

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/1.4.1/Action%20Taken%20Report%20By%20Academic%20Council%20_%20BOS.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/1.4.2%20Action%20taken%20reports%20of%20stackholders.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1074

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

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

405

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 students' learning levels and organises special programmes for both slow and advanced learners.

Institution firmly believes all learners can learn. However, some learners learn quickly may call them as advanced learners, while others learn at their own pace, referred to as slow learners. Institution identifies advanced and slow learners considering the following aspects:

- **Regularity in attendance.**
- **Performance in tutorial and laboratory sessions.**
- **Interactions in and outside the classroom.**
- **Marks obtained in mid-term examinations (Theory and Lab).**
- **Performance in the Semester End Examinations.**

Advanced learners are provided with more challenging tasks and are given advanced training on coding, value added courses and special training to participate in Ideations, Hackathons, Project exhibitions, coding competitions, etc., facilitating them to incubate their ideas, develop and build prototypes for a possible patenting and scaling up towards a startup, thereby encouraging them towards entrepreneurship.

Slow learners are provided with required academic support through focused mentoring and by conducting remedial classes for improving their academic performance. They are also given separate learning material that facilitates learning in smaller segments in order not to drive them away from learning thus helping them to keep their academic learning alive. Further, they are also associated with a peer who is an advanced learner.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/2.2.1.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/08/2023	4315	289

File Description	Documents
Upload 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:

Geethanjali employs the following student-centric learning methods through various activities as part of its curriculum.

Group and participative learning involving Collaborative, Corroborative and Cooperative Learning facilitating development of Professional Competencies

Many courses in the curriculum across disciplines have not only experiments in the laboratories but also course-based group projects through which many professional competencies have been developed in students. Students while working on these course-based group projects, discuss ideas, engage in subject-specific discussions, develop critical thinking, assimilate multiple views, obtain feedback from one another thereby enhance their learning and develop ways to solve problems, which may arise in the execution of these projects. It also mitigates learner isolation.

Subsequently, they develop prototypes, some of which could well be promoted for further improvisation to participate in Hackathons/project exhibitions in highly reputed institutions and a few have also been patented and suggested for a possible start up. This exercise facilitate students discuss topics on emerging trends, innovative business ideas, prepare technical articles, business reports, and present them at seminars/symposia. This promotes students' sensitivity towards feelings of team members, develop listening skills, be open to others' ideas, and look for opportunities to work collaboratively, corroboratively and cooperatively, thereby enabling him a self-learner.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/2.3.1.pdf

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

ICT-enabled tools have been used for Teaching-Learning:

Faculty have been using ICT-enabled tools, namely, smart boards, deliver power point presentations and show videos and animations for augmenting student learning experiences. Real-time simulations and virtual lab exercises adopted by faculty have been helping in demystifying complex concepts. Unlimited access is provided to the institutional Wi-Fi network and digital library, and institutional LMS for protracted ICT-enabled teaching-learning facilitating students to learn at their pace.

In addition, faculty have been engaging students through virtual modes using several platforms such as Google Suite, GoToMeeting, Zoom and Cisco Webex. Guest lectures, Remedial classes, value added courses, internships, orientation/induction programs, and a few virtual industry visits are conducted online.

WhatsApp/Telegram groups, and email groups with Geethanjali's domain name have been facilitating posting/exchange of content.

Learners have been able to get an opportunity to work on live projects with other learners in and outside the college, interact with experts from other institutions/organizations.

ICT tools in Assessment and Evaluation have been facilitating quicker assessment and feedback learners to improve upon, within a short duration of administering the tests and examinations and also enabling faculty to readjust their teaching for improved outcomes.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/2.3.2.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

224

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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

A meeting of HoDs, Deans, Controller of Examinations, Registrar, Principal and Coordinators of various units/cells is convened at least a month before the conclusion of the corresponding academic year and then meticulously plan, chalk out various academic, co-curricular and extra-curricular activities to be conducted in the subsequent academic year of both semesters and draft the academic calendar conceiving all these activities.

The academic calendar for each program, prepared by Dean Academic, is presented to Academic Council for its approval. After approval, is circulated to all concerned, displayed on institution's website, and shared on electronic media. Based on the academic calendar, each department prepares a detailed academic schedule, comprising various activities to be conducted during the semester, and are monitored regularly. Activities includeschedule of

- Midterm and end semester theory and laboratory examinations
- Meetings of
  - Class Review Committee
  - Course Coordinator with faculty teaching same course
  - Department faculty

- - ○ **Parent-Teacher**
  - ○ **Program Assessment Committee**
- **Feedback on Teaching-Learning-Process**
- **Student mentoring**
- **Checking student attendance registers by IQAC**
- **Course End Survey**
- **Industrial Visits**
- **Guest lectures**
- **Need based Remedial classes.**

After the completion of academic year, an external academic and administrative audit is conducted and suitable actions taken as per its recommendations.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

289

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

76

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

5

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

32

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

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

491/8437

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	[View File](#)
Upload any additional information	[View File](#)

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

Geethanjali has adopted a comprehensive EMS facilitated through IT integration, backed by state-of-the-art hardware/software systems. This has reformed the examination procedures and processes including the CIA.

As per the academic calendar, examination section issues notifications related to Midterm examinations (Continuous Internal Evaluation (CIE)), Semester End Examinations (SEE) through college website, WhatsApp groups and group mail.

The following operations pertaining to conduct of examinations are automated.

- **Comprehensive student profile database**
- **Communicating to external examiners**
- **Student registrations for semester end (Regular & Supplementary) examinations**
- **Generation of hall tickets**
- **Student seating plan generation**
- **Barcoded answer booklet generation and printing with student photo and signature for end semester exams**
- **Attendance sheet generation**
- **Scanning, coding and decoding of answer booklets**
- **Digital evaluation facilitating remote evaluation for both CIE and SEE**
- **Result processing (with built-in Grafting and Moderation as per affiliating university guidelines)**
- **Publication of results**
- **Generation of**
  - **Memorandum of marks with SGPA and intermittent CGPA up to the end of corresponding semester**
  - **Consolidated memorandum of marks with SGPA and CGPA**
  - **Provisional Certificate with student photo**

- o **Transcripts**
  - o **Bonafide and conduct certificates**
- **Result analysis, branch wise, year wise, course wise and overall.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/2.5.3.pdf

2.6 - Student Performance and Learning Outcomes

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

Program Assessment Committees of corresponding programs offered by the institution have taken adequate measures to communicate the Program Outcomes (POs), Program specific outcomes (PSOs) and Course Outcomes (COs) for all Programs to the faculty and students much before the commencement of the semester as detailed below:

- **POs and PSOs of each program offered by the institution and the COs of each course of the program are explicitly stated and mentioned in the book that contains "Academic Regulations, Program Structure and Detailed Syllabus", given to all faculty members and students, same is uploaded on the college website "gcet.edu.in", department-wise in addition to keeping it in Centre for learning resources and department library.**
- **Students are explained the importance of POs and PSOs during the induction program of the first year. POs and PSOs are also displayed in classrooms, corridors, department's library and faculty rooms.**
- **Faculty teaching the course discuss the importance of COs in the class at the beginning of the semester.**
- **COs of each course are given in the course file maintained by the faculty, also displayed on the institutional website.**
- **COs of each lab course are given in the lab manual/student workbook, in addition to displaying in the corresponding lab.**

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/2.6.1.pdf

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

At each semester end, institution measures and evaluates attainment of Course Outcomes of each course, Program Outcomes at the end of each academic year for the graduated batch of the corresponding academic year.

Procedure for measuring attainment of COs:

Attainment of COs is computed by considering the marks obtained by students in mid-term examinations, Assignments/Tutorials, Semester End Examinations (SEE) and through surveys.

- 75% and 25% weightage is given for the direct component and indirect component respectively.
- Indirect component includes:

- Feedback
    - From Class Review Committee (10%)
    - TLP feedback (10%) and
    - On Course End Survey (5%).

- In the direct component, weightage of 60% for SEE and 40% for Continuous Internal Evaluation that includes 20% for Subjective, 10% for Objective in Mid-term examinations, 10% for Assignments and Tutorials.

Procedure for measuring the attainments of POs and PSOs:

- 75% weightage is given for the Direct attainment of that PO/PSO obtained in terms of Levels 1, 2 and 3, which is the weighted average of all the COs related to that PO/PSO and
- 25% weightage for Indirect measurement includes:

- Exit feedback on POs/ PSOs (10%)

- **Alumni Survey on POs/ PSOs (10%) and**
- **Co-curricular and Extra-curricular activities (5%).**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/2.6.2.pdf

2.6.3 - Pass Percentage of students

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

871

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/2.6.3.1.pdf

2.7 - Student Satisfaction Survey

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

https://www.geethanjaliinstitutions.com/engineering/aqar/2024/2.7.1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Institution's conviction is research is not only an important and integral part of any scholarly activity of an HEI but also has a direct bearing on its achievements thereby, requiring development of creativity, innovation, analytical thinking and problem-solving

capabilities among students and faculty, and such outcome adds new knowledge and strengthens the economic status of the Nation. Therefore, Institution has been progressively updating its research facilities and has been recognized as Scientific and Industrial Research Organization (SIRO) by the Directorate of Scientific and Industrial Research (DSIR) since 2011.

Institution apart from continuously establishing and upgrading its research labs in various areas, some of which in collaboration with a few industries, has ensured availability of hardware and software for use by students and faculty.

Institution has a well-defined research-policy, established research committee, comprising internal members and external experts from industry/research organisations, reviews on-going research, identifies potential areas for research, plans accordingly, encourages students and faculty to take up creative and innovative projects, through funding.

Faculty are encouraged to pursue PhD and are sanctioned study/sabbatical leave, seed money, incentives for publications in journals and attending/organizing conferences.

Institute has collaborated with other premier institutions towards strengthening research and developmental activity.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.geethanjaliinstitutions.com/engineering/research.html
Any additional information	View File

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

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

4

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

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

0

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

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

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

3

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.drdo.gov.in/headquarter-directorates/contact-us/extramural-research-intellectual-property-rights-er-ipr
List of research projects during the year	[View File](#)

3.2.3 - Number of teachers recognised as research guides

06

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	[View File](#)
Institutional data in Prescribed format	[View File](#)

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

3

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	https://www.drdo.gov.in/headquarter-directorates/contact-us/extramural-research-intellectual-property-rights-er-ipr
Any additional information	[View File](#)

3.3 - Innovation Ecosystem

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

Institution's conviction is that HEIs are mirrors of future society and considers that the foremost goal of education is to

nurture people towards providing solutions to technical and societal problems in a creative and innovative manner.

With this motive, institution has established an incubation Centre and has been working as per the guidelines of Institute Innovation Council (IIC) of the MoE, inculcating creativity and innovation among students, faculty and others through various activities/programs. The incubation centre along with institution's R&D and Entrepreneurship Development cells works in tandem thus provides an ecosystem for creation and transfer of knowledge towards sustainable societal development.

Institution has adopted the National Innovation and Startup policy encouraging and nourishing innovation and entrepreneurial abilities, inviting ideas from students, faculty and others through a dedicated webpage. Ideas received are reviewed by a committee comprising senior professors and seed money is sanctioned to selected projects, resulting in Patents, are financially supported by college. Institution has registered with MSME, GoI, one start-up was registered with the Ministry of Corporate Affairs, GoI in the year 2022. Efforts are anvil to scale up into an industry.

Institution has several MoUs with various organizations to strengthen innovation/entrepreneurship activities.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1tF4SKYWkV 2QvZ0uUGGK-KZhFFx7AmNHh/view

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

26

File Description	Documents
Report of the events	[View File](#)
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	[View File](#)

3.4 - Research Publications and Awards	
3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

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

3.4.2.1 - Number of PhD students registered during the year

6

File Description	Documents
URL to the research page on HEI website	https://www.geethanjaliinstitutions.com/engineering/research.html
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

126

File Description	Documents
List of research papers by title, author, department, and year of publication	[View File](#)
Any additional information	[View File](#)

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

22

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/3.4.4._Incentives%20given%20publications%20Books,%20Paper%20in%20journals,conferences.pdf

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

3.4.5.1 - Total number of Citations in Scopus during the year

689

File Description	Documents
Any additional information	[View File](#)
Bibliometrics of the publications during the year	[View File](#)

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

3.4.6.1 - h-index of Scopus during the year

79

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

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

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

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

Rs.3,47,312/-

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

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

Institution believes every HEI must contribute significantly towards societal development. Hence, it promotes and encourages regular engagement of faculty, students and staff with neighbourhood community through various activities. NSS unit, Women Protection Cell, Environmental club, and others conduct workshops, rallies, road shows, Swachh Bharath, green environment, tree plantation, gender sensitization, cleanliness/hygiene campaigns, traffic rules awareness, and empowerment of girls and women. As part of community service, institution organizes

- Blood Donation and health camps.
- Training programs for Rural Women facilitating self-employment are also organized.
- Visit to nearby government schools and old age homes providing necessary help.

In addition, institution has been contributing two teachers' salary of neighbourhood school.

Impact and Sensitization

Involvement in extension and outreach activities has sensitized students towards social and legal issues, particularly, matters pertaining to domestic violence, dowry, child abuse, abortion of female foetus, victims of violence, differently-abled persons, displaced persons and such others. It is our conviction that sensitized students promote "Beti Bachao, Beti Padao," empathize with people suffering from various issues, help them lead improved quality of lives.

Through the above activities, social, communication, interpersonal, management, leadership, analytical, and perceptual skills have been developed in students, thus leading to students' holistic development.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/3.6.1.pdf

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

04

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	[View File](#)

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

27

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

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

1885

File Description	Documents
Reports of the events	[View File](#)
Any additional information	[View File](#)

3.7 - Collaboration

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

216

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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

27

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

Institution has been providing an ambience, highly conducive for learning through its infrastructure facilities comprising classrooms (x), tutorial rooms (x), fully equipped laboratories (x), air-conditioned seminar halls (04), auditorium (01), smart boards (x), LCD Projectors, Wi-Fi connectivity and public address system. Research laboratories and Centres of Excellence established in the institution have been facilitating students and faculty to carry out innovative projects resulting in good research publications as well as patents.

Adequate facilities and resources in the institution facilitate barrier free environment in addition to the necessary primary and emergency health care.

Institution has adequate power backup with two diesel generators

of 200 kVA and 380 kVA and UPS facilities with a capacity of 500 kVA.

Fire extinguishers are placed in all the buildings. Potable drinking water is made available in the campus through an RO plant. Institution has a fleet of 40 busses plying from different locations of the city. For some senior faculty pool transport is provided with five vehicles. Institution has a good hygienic canteen.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/4.1.1.pdf

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

Institution's strong conviction is, the college years are crucial in students' cognitive, emotional, moral, and social development. Students' involvement with peers and others in various extracurricular activities, sports and cultural activities, have profound influence in the development of their cognitive skills, identity, self-concept, self-esteem, values, attitudes, behavior patterns, and personality. Active participation of students in various events also facilitates development of Creativity, Innovative thinking, Leadership, and Emotional Quotient in them. Towards this, institution has been providing adequate facilities and conducting a number of events thus leading to their holistic development.

The college has six blocks comprising various facilities.

Block-I and Block-IV have 250-seater, and 400-seater Air-conditioned Seminar Halls respectively, used for practicing singing, skits, dancing etc.

Open gallery of Block II, used for smaller events.

In Block III, the 100-seat Seminar Hall facilitates conduct of various events.

The ground in front of Block-V houses Basketball Court and to its

right hosts cricket net practice sessions.

Indoor games are facilitated in the games room of Block V.

Yoga sessions are conducted on the lawns of the Open Auditorium and Seminar Halls.

Institution allocates one/two-hour time slots in Timetable for extra-curricular activities.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/4.1.2.pdf

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

59

File Description	Documents
Upload any additional information	[View File](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

1439.17558

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	[View File](#)

4.2 - Library as a Learning Resource

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

Institution has a spacious Center for Learning Resources in an independent building with an area of 1263 Sqm. spread over two floors. Ground Floor is accommodating OPAC, periodicals, News Papers, Digital Information Center, thesis, reprography and special reference. First floor is accommodating circulation, references, periodical back volumes etc. It is having a modern infrastructure with a seating capacity of 250 students. CLR is automated with Integrated Library Management Software, KOHA and Ez School version 10.0.9.22used for circulation, procurement and OPAC. It has the collection of 8113 Titles and 44813 volumes of books and subscribed more than 13555 online journals of IEEE, K-HUB, DELNET, Knimbus remote access, Nlist, J-gate, Case center NDL and subscribed Journals in print. Library is fully computerized with bar-coding system. Name of the ILMS software: Fully Automated Version Ez School Software and KOHA Software.

The College has a Digital Information Center with 25 systems, connected to the college's intranet, Articles, e-lectures of faculty of IITs, NPTEL, Textbooks, videos, Britannica Encyclopaedia, books for preparing towards GATE, GRE etc. The CLR has an Electronic Resource Centre which provides access to stores of electronic information of IEEE, DELNET and online open resource journals of Engineering, Applied Sciences and Management.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/4.2.1%20ILMS%20INVOICES-2022-2023%201602.pdf

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

34.14

File Description	Documents
Audited statements of accounts	View File
Any additional information	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 - Usage of library by teachers and students (footfalls and login data for online access)

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

759

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

4.3 - IT Infrastructure

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

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

Institution considers that in the current information age no organization can survive without extensive use of IT. Towards this, the institution has developed an IT policy encompassing all IT/IT enabled services used in the campus, ensuring smooth

functioning with adequate security to all users connected to the campus network. Based on the laboratory and other requirements, every year, institution has been allocating budget for updating its IT facilities for procurement of computer systems and other IT related equipment including software.

Every user in the campus is provided access to the campus network as well as internet access.

Institution has campus wide wi-fi facilitating internet connectivity anywhere in the campus.

All students and faculty are given email accounts with college domain name through GSuite. The institution has installed two firewalls in order to protect all its internal systems from cyber-attacks. The institution also installed CISCO switches for monitoring traffic in the campus network.

Budget utilized for the academic year 2022-23 is Rs.112.52 lakhs

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/4.3.1.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4315	2506

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: **Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**	**B. Any three of the above**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/4.3.4.pdf
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

1427.88468

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	[View File](#)

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

Administrative officer along with other members of the maintenance cell under the supervision of Registrar ensures proper functioning of all civil, electrical, water, sewage, environment, and other facilities through frequent inspections and need-based maintenance works. Other members of the maintenance cell comprise maintenance in-charge, Head, EEE department, and two senior faculty members, one each from Civil and Mechanical Engineering departments

respectively.

A central complaint register is maintained; the cell attends to the complaints on a priority basis. All minor repairs and some major repairs are carried out internally, while some other major repairs are outsourced. Members of the cell meet based on need basis, review the requirements, and chalk-out further action to be taken. It also arranges conduct of energy, environment, and green audit. Gardeners and janitors conduct regular cleaning of the campus premises and restrooms, twice a day.

Each laboratory maintains a stock register with complete details of lab equipment including license details of software, if any. Appointed qualified technical staff for each lab and they perform minor repairs of lab equipment, ensuring their orderly performance. Any major repair of equipment beyond the scope of technical staff is outsourced. Occupancy of each lab is a maximum of 70-80% and remaining time is used for regular maintenance.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/4.4.2.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

2272

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

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

225

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/5.1.3.pdf
Details of capability development and schemes	View File
Any additional information	View File

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

3960

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

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

A. All of the above

grievances Timely redressal of grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

647

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

89

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

209

File Description	Documents
Upload supporting data for students/alumni	[View File](#)
Any additional information	[View File](#)

5.3 - Student Participation and Activities

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

02

File Description	Documents
e-copies of award letters and certificates	[View File](#)
Any additional information	[View File](#)

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

Geethanjali has a Student Council (SC) comprising nine members. In addition, various bodies, statutory and non-statutory, constituted by institution have student representatives. The SC under the aegis of Dean, students' affairs plans and organizes various co-curricular and extra-curricular activities of the institution in association with the college academic committee. Geethanjali celebrates regional, national and international commemoration days and festivals, wherein, SC members are involved in the smooth conduct of the events.

SC contributes to the enhancement of the learning experiences of students through various student clubs. It also facilitates organization of various technical activities through professional bodies and community service through NSS.

Anti-ragging committee, grievance redressal cell, women protection cell, safety against Substance abuse, Entrepreneurship development cell, IQAC, BoS and Class review committee etc also have Student representatives.

Students' council also actively engages with the alumni association of the institution facilitating guest lectures, talks

on career guidance etc. towards career development of students.

Overall, the Students Council is a dynamic body, meets often and contributes a great deal in the development of students and institution.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/student-council.html

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

71

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	[View File](#)

5.4 - Alumni Engagement

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

- Boards of Studies of various departments have Alumni as members. They contribute towards review and redesign of curriculum meeting industry and societal requirements.
- Alumni also give advice on the development of laboratories, involving experiments which use modern tools for improved employability of students.
- Alumni working in various organizations connect the placement cell, industry-institute interaction cell of the institution to their respective organisations, thereby, facilitating industrial visits, internships, and, placements for students. Alumni also help their respective departments in arranging resource persons for student and faculty development programs and guest lectures.
- Alumni members are also invited to deliver technical talks and provide career guidance to students.

- Alumni working in various R & D establishments connect the faculty of the college to their professional seniors, to carryout research.
- Alumni, who pursued higher education abroad, help the students in securing admissions in the universities, where they have studied, particularly in preparation of statement of purpose, inform research projects and funds available with various professors for a possible teaching/research assistant ship.

Alumni of the college have donated certain resources/facilities to college for students use.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alumni.gcet.edu.in/

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The vision of the institution envisages the students graduating from the institution contribute to national development and well-being of global community. Institution's mission is to produce engineering graduates equipped with sound knowledge in basic sciences and technical skills, towards realization of its vision.

Realization of institution's vision calls for good governance, requiring establishment of structures and processes, designed to ensure accountability, transparency, responsiveness, equity, empowerment, and participation by all concerned. In line with these needs, and as per UGC guidelines for autonomous institutions, four statutory committees are constituted. In addition, several non-statutory committees constituted, assist in

the overall governance of the institution. Principal, vested with the overall responsibility, plans, organizes, and controls institution's activities. Organization of the institution is structured into schools/departments, and groups/divisions within the departments.

Various committees formed at the institutional and department levels, comprising the faculty at all levels, assisting the Principal, Deans and Department Heads facilitate in effectively performing their functions. The committees are empowered to recommend actions on various issues referred to them. Thus, participation in decision making goes right down to the hierarchy, helping not only in smooth functioning of the organisation, but also facilitates development of leadership skills across the institution.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.geethanjaliinstitutions.com/engineering/img/downloads/GB%20Minutes%2019-11-2022.pdf

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

Geethanjali has a well laid practice of decentralization and participative management involving different statutory and non-statutory bodies/councils, committees and cells, namely, Academic Council, Board of Studies, Finance Committee, Institute's Planning and Monitoring Board, Admissions Committee, Program Assessment Committee (PAC), College Academic Committee, Research Committee, IQAC Cell etc. Roles and responsibilities of each of the above are defined explicitly. A case study implementing OBE through a practice of decentralization and participative management in the development of Course Outcomes (COs), Course delivery methodology, Course attainments and Program Assessment is mentioned below:

PAC comprises Department Head as chairperson and Senior faculty members, monitors attainment of COs, Program Outcomes (POs) and Program Specific Outcomes (PSOs).

Program Coordinator (PC): Department Head or senior professor designated as PC, in association with senior faculty, oversees the

courses offered by the department.

Course Coordinators (CC): Discusses the course, its relationship to other courses within the program with PC.

PAC meets at least twice in a year, reviews attainment of COs, POs and PSOs, recommends appropriate action to BoS/PC/CC.

All the above clearly indicate decentralization at the department, involving participation of faculty members in administering, monitoring student learning, evaluation and assessment of COs, POs and PSOs.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/6.1.2.pdf

6.2 - Strategy Development and Deployment

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

Institution has prepared its perspective strategic plan for 2021-26 after collecting inputs from all its stake holders with regard to their expectations on various aspects towards its growth and carrying out SWOC analysis of departments and the institution. The strategic plan document has short-term, medium-term and long-term goals with respect to the seven aspects mentioned below, wherein, metrics are identified and fixed time lines accordingly, for each of them.

1. Improvement of Quality Teaching Learning Process adopting Problem/Case Study/ Project Based Learning developing creativity, innovation and critical thinking in students

- Expansion of Incubation Centre /Product Development/Entrepreneurship
- Expansion of Academic and Research infrastructure (For improved Learning, Research, Development, and Consultancy)
- Expansion of Center for Learning Resources.

1. **Quality student placements, in terms of numbers and salary package**
2. **Offer more PG Programs and initiate Twinning Programs**
3. **Increasing internal seed funding for Research and Development.**
4. **Establishment of Faculty Development Center**
5. **Improving quality, ensuring accountability through Quality Assurance System**
6. **Achieving ABET Accreditation status**

Institutional strategic plan on the aspects mentioned above is articulated, implemented and regularly monitored at various levels and an appropriate action initiated, whenever necessary so that the short, medium and, long term goals are achieved.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File]()
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/6.2.1.pdf
Upload any additional information	[View File]()

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

Institute's organogram depicts its organizational structure.

Principal is Head of the Institution. Institute is organized into Academic & Administrative divisions.

The Governing Body, guides Institute in the development of institution's Vision, Mission, and Quality Policy, gives approval for the same and monitors its performance.

Institution's other statutory bodies, namely, Academic Council (AC), Boards of Studies (BoS), and Finance Committee.

Institution's Non-statutory Committees, oversee functioning of Center for Learning Resources, Examinations, internal complaints etc. In addition, institution's Planning and Monitoring Board, assists Principal in governance.

Dean Academics, prepares Academic schedule detailing various

activities, monitors progress of class work, directs and supervises Curricular and Co-Curricular activities.

Registrar along with Dean Academics, assists Principal in institutional administration within the policy framework.

Controller, Examinations

Coordinates with external examiners, affiliating university officials and all concerned in the institution, ensuring smooth conduct of all examinations, evaluation, and timely declaration of results.

Dean, Research, Development and Consultancy

Formulates institution's research and consultancy policies, reviews research proposals and faculty/student publications. Identifies areas/organisations for collaboration and rendering consultancy services.

HoD

Administers smooth conduct of department's academic and administrative activities.

Along with other BoS members, develops curricula for all programs administered by the department.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.geethanjaliinstitutions.com/engineering/about-geethanjali.html
Upload any additional information	View File
Paste link for additional Information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/6.2.2.pdf

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

The following schemes/benefits are offered by the institution, for the welfare and career development of the teaching and Non-teaching staff.

- **EPF contribution by Management to all the eligible staff members**
- **Free Medical facility at the institute**
- **Free transport to administrative staff.**
- **Vehicles, and bus passes to Messengers.**
- **Public transport bus passes to all drivers.**
- **Special allowances to faculty deputed to Examination department.**
- **Need Based financial assistance to staff**
- **Cell-Phones and Laptops to HoDs for better connectivity and networking**
- **CLs, HPLs, CCL, Medical Leave and Examination Leave as per their eligibility.**
- **Paid Maternity Leave for female employees.**
- **Special leave to staff on the occasion of their marriage.**
- **Health Awareness camps within campus and Free Medical Check-ups.**
- **Fee concession to children of staff members who are studying in GCET.**
- **Sponsorship to faculty attending FDPs, Conferences etc.**
- **Canteen facility for students and staff.**
- **Uniforms, washing allowance for Attendants, Ayahs and Drivers.**
- **Paid leave @ one day/Week as incentive to faculty pursuing Ph.D.**
- **ESI benefit to all eligible employees.**
- **Salary advance for staff in times of need.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/6.3.1.pdf

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

108

File Description	Documents
Upload any additional information	[View File](#)
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 programmes organized by the Institution for its teaching and non-teaching staff during the year

27

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	[View File](#)

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

166

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Institute's internal audit committee, inspects the books of account and records maintained by the finance department, evaluates internal control system, particularly, in respect of purchases, scholarships etc. The audit report is submitted to Principal/Chairman and subsequently Principal directs departments to take follow up action for closing the deficiencies and making changes in systems and procedures as called for.

Institution also arranges to conduct external financial audit every year by an external auditing agency, a registered financial auditing company. The auditors verify the financial statements and books of accounts to certify the true financial position and also validates the operating system prevalent is fair and just, and is in tune with the prevailing processes elsewhere. The auditors also employ internal check by verifying arithmetical accuracy of account books. Except for transactions involving petty amounts, all other payments are made through account payee to maintain transparency. The audit observations submitted to the management by the audit company are examined carefully and corrective actions taken, if any, wherever required. At the end of every financial year, IT returns are filed to income tax department. These include, income and expenditure statements audited by a chartered accountant.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/6.4.1.pdf

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists

during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The policy of the institution with regard to mobilization of funds is as follows:

The main source of funds for the institution is the Tuition and other miscellaneous fee collected from students. Other sources of funds are grants received from Government bodies, namely, AICTE, JNTUH, DST etc. for organizing faculty development programs, seminars, workshops, modernization of labs/workshops and execution of projects.

Accounts section of the institution prepares, month-wise cash flow statements, two months in advance. The cash outflow statement is based on institutional budget estimates and additional inputs from departments for unanticipated major expenses, if any, and contingency expenses. The cash inflow statement is prepared based on the schedules of students' admissions, and examinations. Any gap between realised income and expenses is bridged through loans as per the policy guidelines laid down.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/6.4.3.pdf

6.5 - Internal Quality Assurance System

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

improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

1. Developing research culture in the institution by encouraging faculty to deliver seminars/lectures on advances taking place in their respective research domain.

Senior faculty in the departments have been delivering seminars on emerging research trends in their respective domains. This has been motivating other faculty members in various departments to delve into various topics of emerging research areas, critique the same where possible, identify research problems, pursue research, present the work carried out to other faculty of the department as well as publishing their research work. This culture has been evolving and encouraging significant number of non-doctorate faculty to pursue Ph.D, and a reasonable number of faculty obtained doctorate degree in the last two years.

2. A systematic process for imbibing creativity, innovation and development of entrepreneurial culture in students:

Towards this, institution expanded incubation centre, administering Design Thinking course with industry experts as resource persons, imbibing creativity, innovation, inculcating critical thinking, facilitating faculty and students to transform their Ideas into development of prototypes, providing solutions towards societal problems.

Further, Initiated Kick-Start Program through MoU with T-HuB, an Innovation Campus of the Government of Telangana, to develop entrepreneurial culture, resulting in more number of students participating in Ideathons and Hackathons.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/6.5.1.pdf

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

IQAC periodically reviews Teaching-Learning Process (TLP) for attaining Learning Outcomes:

Academic schedule detailing curricular, Co/extra-curricular activities is prepared much before commencement of the semester, timetables are prepared, and faculty prepare course files, teaching plan with correlation to Course Outcomes (COs), Program Outcome (POs) and Program Specific Outcome (PSOs) as per specified format.

Student feedback on TLP taken twice in a semester, one immediately after three weeks of instruction, final in the penultimate week of the semester, is reviewed by HoD, Dean, Academics and Principal, communicated to faculty. Faculty with <70% feedback counselled for improvement.

Course Coordinator discusses issues if any with other faculty teaching the same course.

Class review meetings are conducted ensuring a certain degree of quality TLP across all sections for attaining outcomes.

At the end of the semester department's Program Assessment Committee reviews attainment of COs, POs and PSOs and recommends appropriate action.

College Academic Committee periodically evaluates effectiveness of TLP, pedagogical practices and processes outlined by IQAC.

IQAC administers external academic and administrative audit through a peer team comprising senior academicians of reputed institutions, which visits departments, conducts audit for a complete day and submits report. Departments take appropriate action on the findings of the report.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/6.5.2.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other	A. Any 4 or all of the above

institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.geethanjaliinstitutions.com/engineering/iqac.html
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	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

Measures initiated supporting gender equity include support from

Curricula: 'Gender Sensitization', offered as mandatory course, organized as "interactive sessions" spreading over the entire semester to all undergraduate students of this Institution. Students of both genders participate in various components of curricula, namely, laboratory work, internships, mini and major projects, technical and project seminar, work cooperatively and collaboratively, understand behavioral nuances of working with opposite gender, including case studies involving necessity of sharing of domestic work.

Extracurricular activities:

Institution has celebrated International Women's day.

Students of both genders form groups, participate in various extracurricular activities.

Non-academic bodies:

Institute's IEEE Women in Engineering affinity group conducted 06

awareness programs aiming at performing and practicing 'Gender equity and sensitization'.

Women Protection Cell periodically meets and reviews complaints received from female faculty and students, if any, recommends disciplinary action, It also creates awareness on preventive measures conducting workshops and seminars sensitizing all concerned.

Women Safety and Security: Employed more women security personnel to support female faculty, staff and students. Increased CCTV surveillance at more locations. Women are provided with separate waiting rooms and telephone numbers of SHE-TEAMS of Hyderabad police, suggesting them to take necessary help as and when needed.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/7.1.1.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged 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 a maximum of 200 words)

Institute's operations result in the generation of waste, which are broadly classified as:

- Solid Waste
- Liquid Waste
- E-Waste

There is no generation of Hazardous chemicals and radioactive

waste. Sanitary Incinerators are installed inside the campus to promote hygiene.

Solid Waste generated in the institution include rubber tyres, metal scrap, paper, old newspapers, used papers and journal files: These are segregated, stored separately and given away to scrap dealers/vendors/recyclers. Apart from dry solid waste, food waste from canteen is collected by authorized agents for use as cattle feed. Further, colour coded dust bins are placed in institution's premises to collect solid waste.

Liquid Waste generated in the institution includes laboratory, and canteen effluent wastes. These are drained to a pit in distant open land.

- include, electronic waste, created when an electronic product is discarded after the end of its useful life, which include obsolete electronic devices, namely, computer systems, servers, monitors, compact discs, printers, scanners, copiers, calculators, fax machines, battery cells etc. are handed over to an agency.

Waste recycling old newspapers, used papers, journal files are collected by an agency, which in turn recycles the waste paper for further use.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	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
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

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
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

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

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

Institution organizes various events through student clubs, and other units.

Fine arts club conducts Music competitions, namely, western, classical, skits and dramas with themes such as mythological, historical and social, in different languages. Traditional day

celebrated representing India's diverse culture.

Photography club organizes photo exhibition, depicting nature, socioeconomic divide between rural/urban India, under-developed/developed countries, developing emotional quotient and compassion leading to self-actualization.

Environmental club conducts events promoting environmental protection.

Mandatory courses-Environmental science, Human Values and Professional Ethics in curriculum, help students in understanding importance of peace, harmony and prosperity for sustainable development.

NSS unit celebrates National Festivals, Independence Day, Republic Day and commemoration days of eminent personalities, conducting games/sports, debates, essay writing competitions signifying their importance. Organizes Blood Donation and health awareness camps, and community service involving students, and faculty, and staff.

Institute organizes Orientation Program, College-Day, Graduation-Day, Sports and Cultural-Day.

Through all these activities, students are nurtured, inculcating empathy-oriented compassion, cultural, regional, religious, linguistic and communal tolerance, needed in a highly pluralistic society that has widespread socioeconomic diversities, facilitating in strengthening unity, developing a spirit of consensus and cooperation through dialogue and esprit de corps for a harmonious, peaceful and prosperous society paving way for sustainable development.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

Institution involves students in activities pertaining to strengthening core values, making them aware of their rights, duties and responsibilities helping them becoming responsible

citizens.

Values: Faculty participate in AICTE's Universal Human Values programs and teach courses on "Human Values and Professional Ethics" and "Indian Ethos" delivered through YouTube videos, real life examples, case studies and anecdotes giving various perspectives on situations in life, creating an everlasting impression on student's mind, touching student's heart, developing integrity, competence and building a stronger character.

Institution offers a mandatory audit course on Indian Constitution which deals with fundamental rights, duties and responsibilities of citizens. Also organizes programs stressing that rights are always associated with responsibilities, mutually linked to one another.

Organizes formal and informal, co-curricular and extra-curricular activities facilitating students assume higher responsibility, motivating them with goals oriented towards societal development.

Student mentoring, a well-designed and planned activity, focusses on building student's character, making student a responsible citizen.

Facilitating holistic development of students towards a more balanced life, profession and happiness, by encouraging them to interact with a galaxy of personalities from various walks of life enabling them becoming "Good Global Citizens" promoting peace and harmony in the Society for sustainable development of mankind.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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

A. All of the above

students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

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 programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

Following days are celebrated:

World Environmental Day: Environmental Club hosts programs enlightening students about restoration and protection of Nature for environmental sustainability through Tree Plantations and "Save Energy" campaign. Debates, Essay Writing, Group Discussions, Poster Presentation and Slogan Writing Competitions are held.

International Women's Day: Students are sensitized towards "Gender equality" through short video presentations. Successful women from various fields are invited to inspire young minds.

International Yoga Day: Eminent Yoga instructors are invited to guide participants to practice asanas, lead healthy and joyful life.

World Photography Day: Photography club organizes photo exhibition, depicting nature, socioeconomic divide between rural/urban India, under-developed/developed countries, developing emotional quotient and compassion leading to self-actualization.

National commemorative days:

Independence Day and Republic Day are celebrated, professing sacrifices made by freedom fighters, instilling and igniting spirit of patriotism in students.

National Science Day is celebrated, conducting science exhibition, enabling students participate in large numbers, inculcating scientific temper in them.

National Mathematics Day is celebrated conducting events promoting analytical/logical reasoning, quizzes, Sudoku, and Rubik's Cube competitions.

Teacher's Day is celebrated; students express their gratitude to Teachers' contribution for the cause of education.

Engineer's Day is celebrated, conducting competitions, facilitating students showcase their Engineering Skills through executed Projects.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	[View File](#)
Geotagged photographs of some of the events	[View File](#)
Any other relevant information	[View File](#)

7.2 - Best Practices

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

Title of the practice-I

Mentoring of students through hand-holding

Title of the practice-II

Structured Training Program for Improved Placements and Career Development

The above Best Practices for the AY:2021-22 are provided on Institutional website; The weblink is given below:

https://www.geethanjaliinstitutions.com/engineering/aqar/2024/7.2.1%20Best%20Practices%20in%20the%20Institutional%20link.pdf

File Description	Documents
Best practices in the Institutional website	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/7.2.1%20Best%20Practices%20in%20the%20Institutional%20link.pdf
Any other relevant information	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/7.2.1_best-practices_supporting%20_doc.pdf

7.3 - Institutional Distinctiveness

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

The first Program Educational Objective of our programs is gainful employment or pursuit of higher education. Keeping this in view, institution has taken several initiatives, in a structured manner, identifying highly advanced learners and others to impart required skills, particularly, involved programming skills from second year.

Tests on programming skills are conducted and identified about 141 students across engineering programs, who are given rigorous training on "Advanced programming skills" enabling a good number of these get selected in well-paying organizations with a compensation package of around rupees 8 lakhs per annum.

Refresher course on "Programming Skills" is given for the remaining 800 students of engineering discipline, in addition to short course on "Database Systems involving PL/SQL". All Undergraduate students are given training on "Aptitude Skills", comprising, Quantitative, Logical and Verbal ability and soft skills. Over and above, mock interviews are conducted for all students.

The impact of advanced training program is visible with 104 students placed in product-based companies. The median salary of the recruited students of the graduated batch is 4.6 lakhs rupees per annum.

Impact of the training is visible with another 645 students placed

and the total number of offers stood at 1420 for the same batch.

File Description	Documents
Appropriate link in the institutional website	https://www.geethanjaliinstitutions.com/engineering/aqar/2024/7.3.1.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Plan of Action for the Academic Year 2023-24

1. **Principal to address faculty in smaller groups of 10-12 at the beginning of academic year.**
2. **To conduct:**

- **Professional Development Programs for faculty.**
- **Awareness program for faculty of CSE (Emerging areas) about NBA, NAAC.**
- **A Guest lecture (in association with Placement cell) on Dress etiquette for students during interview.**
- **An IPR session in association with IIC, GCET.**
- **An awareness program on KNIMBUS-utilization of Library e-learning resources.**
- **Faculty Development Programs for e-content generation.**

1. **Initiating Quality circles across the organization.**
2. **Increasing alumni involvement significantly through talks, interactions, placement assistance etc.**
3. **Extending Project Based Learning to a couple of first year courses.**
4. **Conducting FDP/SDP in association with English department to improve Soft skills of faculty and administrative staff.**
5. **Encouraging faculty to publish research papers in journals with higher impact factor.**
6. **Increase the number of faculty seminars in emerging areas of research.**
7. **Encouraging research proposals from faculty providing more seed funding.**
8. **Increased involvement of students and faculty significantly improving the innovation eco system-supporting startups as per MoE's National Innovation and start up policy through IIC.**

9. Capacity enhancement of admin staff in effective use of MS Office.
10. Encouraging non-doctoral faculty to pursue Ph.D program.