



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution	Gnanamani College of Technology
• Name of the Head of the institution	Dr.T.K.Kannan
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9944492300
• Alternate phone No.	7598293888
• Mobile No. (Principal)	9944492300
• Registered e-mail ID (Principal)	principal@gct.org.in
• Address	NH-7, A.K.SAMUTHIRAM, PACHAL POST, NAMAKKAL
• City/Town	NAMAKKAL
• State/UT	Tamil nadu
• Pin Code	637018
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	05/07/2023
• Type of Institution	Co-education
• Location	Rural

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr.R.Umamaheswari**
- Phone No. **9965011391**
- Mobile No: **7598293999**
- IQAC e-mail ID **iqac@gct.org.in**

3.Website address (Web link of the AQAR (Previous Academic Year)) https://gct.org.in/gct_new/AQAR/AQAR%2022-23.pdf

4.Was the Academic Calendar prepared for that year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://gct.org.in/gct_new/AQAR%2023-24/extended/calendar/Calendar.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A	3.05	2022	22/02/2022	21/02/2027

6.Date of Establishment of IQAC **07/08/2014**

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
Gnanamani College of Technology	MSME Idea Hackathon 3.0 (women)	MSME	13/03/2024	1,29,000

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 4

- 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)

- Autonomous Status for a period of ten years from 2023-2024 to 2032-2033. • 4-star rating in Institution's Innovation Council. • ICWO / HSF India with Anti-Human Trafficking club conducted awareness Programme to stop forced labor, illegal organ transplant and sexual harassment of women.
- NSS /YRC cell organized 23 Social Responsibility and Awareness programs for the benefit of rural and under privileged people. • EDC organized 14 Activities related to entrepreneurship development. • More than 140 programmes have been organized by all the departments to enhance the students' technical skills.
- Awareness Programme on Opportunities and Challenges in Higher Education. • Successful completion of their NPTEL/SWAYAM courses during July 2023- June 2024. • Nehru Yuva Kendra (Ministry of Youth Affairs & Sports) organized Yuva Samwad - India@2047.

Faculty Activities and Achievements: • Total Number of Faculty Participations 719 and Achievements 125. • Faculty members published 219 Papers in Reputed Journals. • Patent publication 5 and book publication 26.

Student Activities and Achievements: • Number of Students Participations in various technical events: 4342 • Number of Students Achievements: 154.

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
<p style="text-align: center;">Quality Enhancement</p>	<ul style="list-style-type: none"> • Autonomous Status for a period of ten years from 2023-2024 to 2032-2033. • 4-star rating in Institution's Innovation Council. • More than 140 programmes have been organized by all the departments to enhance the students' technical skills. • Orientation Programme on Outcome Based Education. • Awareness programme on Women's Safety and Equality.

13. Was the AQAR placed before the statutory body? **Yes**

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
<p style="text-align: center;">Governing Council</p>	<p style="text-align: center;">19/05/2023</p>

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

- Year

Part A

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<ul style="list-style-type: none"> • Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
Governing Council	19/05/2023
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> • Year 	
Year	Date of Submission
2022-2023	20/02/2024
15. Multidisciplinary / interdisciplinary	
<p>Our institution has the vision of setting a benchmark for the education providers in the field of Engineering and Technology and providing quality technical education that fosters the spirit of learning and research through an innovative synergistic model of education that promotes academic excellence, scientific pursuit, and professionalism. The institution is keen in promoting multidisciplinary approach among the student community thereby facilitating the young minds to solve day to day societal</p>	

problems. Science Club has been actively undertaking lot of student activities. It develops the multidisciplinary approach among the young minds by applying the concepts of Science, Arts and Mathematics. The club plans events such as workshop, guest lecture, project expo, etc. at the beginning of every academic year. Being a non- autonomous institution, we follow the curricula and syllabi offered by the affiliating university viz. Anna University, Chennai. The university offers non-credit mandatory courses that emphasize general health, mind, history & culture, nation building, gender equality and industrial safety in the minds of students. The university offers credit courses on human values & ethics, environmental science and sustainability, internship and project work towards the attainment of a holistic and multidisciplinary education. The institution is undergoing the process of getting autonomous status. The institution has research centers and Centre of Excellence like Centre for Cyber Security, Centre for Data Science, Centre for Electric Vehicle & Energy and center for Robotics. Since most of today challenges need solutions incorporating multidisciplinary research, we encourage students to take up projects in these centers based on their interest but employ the multidisciplinary approach through knowledge sharing with the fellow students. Many students presented their innovative ideas in Hackathons and MSME.

16.Academic bank of credits (ABC):

Our institution is going to apply for registration with Academic Bank of Credits from statutory authorities such as Governing Council, Academic Council and university authorities. We encourage the students to learn and earn credits through the online modes in SWAYAM, NPTEL, etc. Many of our students have successfully completed such online courses. Our faculty members are also encouraged to register such courses which are considered as equivalent to FDPs. Some of our faculty members have successfully completed many MOOC courses in NPTEL and Swayam with good scores and ranks. The institution has been encouraging the faculty members to prepare the course material, assignments, quiz, etc. . By this way, the institution promotes digital learning and assessment.

17.Skill development:

The institution is imparting knowledge on recent technologies with a MoU between our institution and various industries. Through this initiative, students could get trained in recent technologies that facilitate them to become industry ready at the time of their graduation. Capacity building and soft skills

oriented training are provided to the students. Industry supported Labs could expose the students in the recent technologies in all domains. Students will be trained in their first semester on activating productive language skills through Cambridge, an initiative of Tamil Nadu Government.

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

Our institution offers non-credit mandatory courses that emphasize on Constitution of India and its culture, nation building. The institution emphasizes the bilingual mode of teaching by the faculty members especially to teach Tamil medium students from rural background and pay individual attention during tutorial sessions and performance enhancement classes. The institution conducts number of awareness programmes to the students on environment, sustainability, energy conservation, ancient knowledge, arts, culture and tradition of our country through the clubs such as Tamil Mandram and Fine Arts.

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

Our institution has been following OBE for teaching, learning, evaluation and continuous improvement. Our UG programmes viz. B.E. Computer Science and Engineering, B.E. Electronics and Communication Engineering, , B.E. Electrical and Electronics Engineering and B.E. Mechanical Engineering are accredited by NBA. Academic calendar is prepared before the commencement of classwork, in every semester. Faculty members prepare a lesson plan keeping in view of the syllabi offered by the university and the expected course outcomes (COs). COs are suitably framed by the course coordinator for each course, based on the syllabus and objectives of the course. COs are mapped with POs and PSOs. Questions in the internal assessment and assignments are framed such that the assessment of the entire COs is properly made. Based on the performance of students and target fixed for attainment of each CO, assessment of attainment of COs is computed. If the target is not achieved, then suitable corrective action such as changing the pattern of delivery of courses and assessment will be taken by the faculty members. Similarly, assessment is made based on the performance of students in the external end semester examination. Then the assessment of attainment of POs and PSOs is made through all the courses as well as activities through mini projects, case studies, seminars and workshops, etc. The Advisory and Assessment Committee scrutinize this process and suggest suitable measures periodically such as fixing revised targets for POs, PSOs and

conducting more student centric activities, thereby facilitating continuous improvement of the programme offered by each department. It is found each program offered by our institution is found to progress successfully through this closed loop monitoring.

20.Distance education/online education:

The institution supports online learning and assessment through Google Classrooms and Zoom apart from traditional teaching. They could share the material with the students for enhanced learning. The institution also has a online platform for sharing learning resources, performance assessment and analysis of students. The faculty members and students utilize this platform. The institution is also planning to offer certificate courses online for professionals and value added course for our students in the recent areas to meet the future challenges of the society.

Extended Profile

1.Programme

1.1

22

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1

4004

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

708

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

1355

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	684	
Number of courses in all programmes during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.2	316	
Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.3	316	
Number of sanctioned posts for the year:		
4.Institution		
4.1	1043	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	64	
Total number of Classrooms and Seminar halls		
4.3	793	
Total number of computers on campus for academic purposes		
4.4	2304	
Total expenditure, excluding salary, during the year (INR in Lakhs):		

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Gnanamani College of Technology (GCT), an autonomous institution, conducts a comprehensive four-yearly review and revision of its curriculum, aligning it with its vision, mission and societal needs. The curriculum is designed following guidelines from UGC, AICTE and Anna University, incorporating model curricula from AICTE, reputed institutions like NITs and syllabi of competitive exams such as GATE and IES. Inputs from various academicians, industry experts, alumni and stakeholders further refine the process.

The curriculum emphasizes humanities, basic and engineering sciences, professional core and electives, open electives and employability enhancement courses. Departments develop course titles, credits and content, ensuring alignment with Program Outcomes (POs), Program Specific Outcomes (PSOs) and Educational Objectives (PEOs). The Board of Studies (BoS), comprising academic and industry experts, regularly reviews course content.

The Curriculum Development Cell (CDC) ensures compliance with central and state guidelines, determining credit structures. To enhance employability, GCT offers courses in AI, Cyber Security, Data Analytics, Digital Marketing and more. Students gain practical exposure through mandatory internships, industrial visits and projects. Additionally, NPTEL/SWAYAM courses promote lifelong learning and corporate social responsibility. GCT's dynamic curriculum empowers students with skills and knowledge for successful careers and societal contributions

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%201/1.1.1%20Additional%20information.pdf

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

0

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

684

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**

38

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

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

The Institution has taken measures to integrate and address the Issues relevant to the curricular, co-curricular and extracurricular activities to ensure gender equity.

Various committees have been formed to ensure safe and healthy environment.

Women Empowerment Cell empowers girl students to enhance understanding and addressing of issues.

Women grievances committee is constituted with all the women's faculty and female-student representatives from each class of all the programs. Being a ragging free campus, there is no case of incidence like eve-teasing, sexual harassment against girl students.

Facilities provided for the welfare of our women's faculty and girls students:

Separate Counseling Cell for Girls.

Medical emergency dispensary on campus to give first-aid and routine medical requirements for the girl-students and lady faculty members.

Campus is under the surveillance of CCTV Camera to ensure safety and to maintain the discipline.

Environment and Sustainability

To integrate the cross-cutting issues relevant to environment and

sustainability, all programs have a compulsory course on Environmental Science and Engineering in curriculum.

Swachh Bharat, Avoiding Plastics and Blood Donation Camps are organized regularly by NSS/YRC to improve their life skills.

Human Rights

Anna University offers Human Rights course as elective course.

Committees like SC/ST, Anti-Ragging deal issues regarding ragging related misconduct

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

36

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

1137

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

3178

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://gct.kredovoiceout.in/#/admin/login/index
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://gct.org.in/action_taken_for_feedback.html
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

1397

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)

1043

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.

The learning level of the students will be assessed and enhanced to get good results and placements in top MNCs. In each semester, internal assessment tests are conducted to award internal marks. The students who have scored 60% marks in the internal tests and less than 3 arrears in the previous semester results are considered advanced learners; the rest are considered slow learners. Special programs are arranged for advanced learners to improve their communication and technical skills; separate modules are designed by the training and placement cell. Students are encouraged to organize and participate in programs like webinars, seminars, workshops, etc., to enhance their knowledge and skills. The Higher Education Cell organizes various programs to motivate the students to get through the competitive examinations. In special programs for slow learners to get good results, counseling is given to all the slow learners for all programs. Mentors are deputed for every 20 students to establish good relationships with each student and motivate them personally. Materials were sent online, like a question bank and a collection of university question papers. All students were asked to go through the online materials. It will be helpful in the university exams. Students were encouraged to complete projects and internships at different companies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%202/2.2.1/slow_advLearners.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2023	4004	316

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:

Student-centric learning is supported by creating a conducive learning atmosphere, which allows the students to think in different ways to respond and ask questions. Students were grouped into advanced learners and slow learners in each class and monitored by subject faculties where they could share ideas and clarification for their development. Apart from this, students were motivated to join online courses like webinars, NPTEL, etc. By including club activities, students were imparted practical training, which is necessary for getting real-time, hands-on experience. **Experiential learning:** In the lab class, while conducting lab experiments, the concepts and working principles of the equipment are explained in addition to content beyond experiments. The college is well equipped with equipment to support faculty members and students. **Participative learning and problem-solving methodologies:** The faculty members make learning interactive with students by motivating their participation in group discussions and questions-and-answer sessions on current affairs. Assignments are given to the students in the regular subject topics. In that way, the students can work to solve problems with different methodologies and find the best method to solve them.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

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

The teaching, learning, and assessment strategies of the programs are continually reviewed. Through online pre-placement training, mainly soft skills and aptitude-based modules are given. Motivations towards research for students are also offered. encouraging students to do mini-projects in the concerned subjects. Subject concepts are explained through video lessons, PPTs, e-lessons, and lab experiments. The learning materials for every course are available on the content server of the college, which can be accessed by the students through the intranet facilities. Course materials, question banks, PPTs, and lab manuals are periodically uploaded in the intranet portal GRC (Gnanamani Resource Centre, <https://193.193.193.193/grc/loggingrc.aspx>) to develop the students self-learning by all the subject teachers. Students can access the database of the digital library, NPTEL videos, and other internet facilities that consist of course material, recorded video lectures, and animations. NPTEL videos, e-books, web links, and teachers design role-play-based assignments to enhance the teaching and learning of students. A web link is provided to the students for giving feedback on the faculties. Students give feedback on the ongoing subject-wise lecture sessions. This feedback will enable the faculty to know the effectiveness of his or her teaching on a lecture basis and help to improve their performance.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%202/2.3.2/FINAL%20ICT%20TOOLS.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

316

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**Academic Schedule**

The academic schedule for each semester is prepared by the IQAC coordinator, The principal will approve the prepared Academic schedule and it will be circulated to all faculty and students. Pre-planned dates for commencement of the classes, Continuous Internal Examination, last working day, Practical exam, semester-end examinations and a tentative date for reopening for next semester will be given in the schedule.

Teaching Plan

Faculty will update the Faculty Log Book with the following details:

- Course syllabus
- Course delivery plan,
- Course outcomes and their mapping with Program Outcomes,
- Content beyond the syllabus,
- Learning resources planned,
- Course coordinator meeting etc.

The faculty log book will be approved by the Head of the Department concerned. All the faculties follow the academic schedule for completing the syllabus on time. Hand written lecture materials are prepared by the faculty and distributed the same to the students.

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

316

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

30

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)

1482

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

21

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

26

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

The institution has been consistently implementing reforms in its examination procedures by incorporating IT into all aspects of the examination system. The reforms within the institutions for all activities have been maintained in confidentiality while remaining easily accessible. The Departments adheres to the examination framework established by the University, which includes both internal assessments and end-of-semester examinations. After each test, the evaluated answer sheets are returned to the students, allowing for an self-evaluation of their performance along with recommendations for improvement if necessary. This process helps students enhance their performance in subsequent tests. The institution provides a printed format for internal assessments in accordance with instructed criteria to ensure rightful evaluations. The introduction of Bloom's Model of Examination Reforms has become a significant aspect of the examination system. An integrated examination platform within the ERP system facilitates both pre- and post-examination processes. Faculty members upload student lists, internal assessment marks, assignments, attendance, and other relevant data onto the ERP portal using their personal credentials via a web-based interface, which minimizes errors and conserves time. Additionally, hall

tickets are generated and printed through the ERP by the Examination Cell. Results are also entered into the ERP system and published online, making them accessible through the institution's website. A revaluation option is available for students to address any discrepancies in evaluation and result processing.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gct.org.in/coe.html

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

The institute is affiliated with Anna University in Chennai. The program outcomes (POs), program-specific outcomes (PSOs), and course outcomes (COs) are well defined and stated in the university curriculum for the regulations (R-2017 and R-2021). POs, PSOs, and COs frame and justify the vision and mission statements of the college and the syllabus content. COs are framed by the head of the department, subject handling faculty, and subject experts as per the content of the syllabus. Due care is taken to inform POs, PSOs, and COs of all the stakeholders. POs, PSOs, and COs for all programs and courses offered by the institution are displayed on the institute website for reference by all stakeholders. Each course has defined course outcomes that are mapped to the program outcome, program-specific outcomes, and a set of performance criteria that are used to provide a quantitative measurement of how well course outcomes are achieved. The course outcomes of each course are mapped to the program outcomes, with a level of emphasis being high-level correlated (3), medium-level correlated (2), and low-level correlated (1). COs are recorded by the faculty concerned for their respective courses and referred to while executing the course plan.

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://gct.org.in/cse.html

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

Attainment of Course Outcomes: The internal assessment mark for the theory is considered for three internal assessment examinations, the laboratory average mark of records, and one model practical examination. Project work is evaluated by conducting three review sessions. Final course outcome is calculated 80% of internal assessment mark and 20% from course end survey for each subject.

Anna University Grade Points, as detailed below:

Grade

Grade points

Mark Range

O

10

91-100

A+

9

81-90

A

8

71-80

B+

7

61-70

B

6

50-60

U

0

-

Attainment of program outcomes and program-specific outcomes: Internal Assessment Tests are conducted three times per semester, assessed by respective faculty members, and reviewed by the HOD. The university examination is conducted at the end of the semester, assessed by external examiners, and reviewed by the board chairman appointed by the university. Record Mark and Model Practical Examinations are conducted once per semester, assessed by the respective faculty member, and reviewed by the HOD concerned.

For indirect attainment the following survey:

Alumni, Employer Survey, Exit survey and includes co-curricular activities.

The survey consists of questionnaires and feedback formats for the alumni students. This form will be collected by the faculty coordinator and reviewed by the HOD and principal for continuous improvement.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%202/2.6.2/CO%20PO%20attainment%20for%20the%20batch%20EEE.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

602

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://gct.org.in/coe.html

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://gct.org.in/gct_new/AQAR%2023-24/Criteria%202/2.7%20Student_Survey.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

The institution fosters a robust research culture among staff and students, aligning with its vision and mission. The Gnan R&D Cell spearheads this initiative, promoting awareness and nurturing research mindsets for cutting-edge and socially relevant projects. The institution emphasizes research publications in reputed journals, industry collaboration through MoUs, and innovative

projects. Faculty are encouraged to pursue higher education, publish research annually, and secure funding from national and international agencies.

To support research, the institution offers monetary incentives for publications, seed funding for proof-of-concept development, and financial aid for professional development activities, including conferences and workshops. It also supports patent filings and consultancy projects with industries. Facilities include state-of-the-art laboratories, a central library with over 40,000 volumes and digital resources like IEEE access, 24/7 high-speed Wi-Fi, and spaces for startups. Research infrastructure is further bolstered by three R&D centers recognized by Anna University and interdisciplinary collaboration opportunities.

This comprehensive policy, available on the institutional website, ensures the consistent promotion of research and innovation while providing the necessary support and infrastructure to advance scholarly and industrial contributions.

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://gct.org.in/r&d_centre.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)

4.5

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	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

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

3.29

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

2

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://my.msme.gov.in/inc/HI/HackathonThreSubmittedAppList.aspx?Sec=Apd & https://www.editn.in/
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

11

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

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://my.msme.gov.in/inc/HI/HackathonThreSubmittedAppList.aspx?Sec=Apd & https://www.editn.in/
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.

Gnanamani College of Technology has the following Ecosystem for Innovations and initiatives for creation and Transfer of

knowledge.

Institution Innovation Council: Aims to encourage inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes.

Entrepreneurship Development Cell: Aims to enrich the entrepreneurial environment by creating successful entrepreneurs.

Research & Development Centers: Aims to nurture research culture by promoting research in newly emerging and challenging frontier areas.

Industry supported, Start-ups & Innovative Project labs: Aims to inculcate higher level thinking and creativity among the students.

Industry Connected MoUs: Aims to minimize the gap between learning and carrier opportunities.

Incubation Centre: Aims to facilitate or supports the development and growth of early-stage businesses and entrepreneurial ventures.

Gnan Central Library: GCT house has a central library in the campus and it has around 20,000 volume of books, magazines and journals.

Gnan Resource Centre: GCT has an exclusive web site named GRC where students leverage intranet using LAN, to download the study materials uploaded by every faculty.

Wi-Fi: GCT provides Wi-Fi enabled Hi-tech campus to access rich online Data bases. Approximately 102 Wi-Fi devices are being utilized in the classrooms, library and hostels.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%203/3.3.1.pdf

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

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

10

File Description	Documents
URL to the research page on HEI website	https://gct.org.in/r&d_centre.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

119

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

40

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://gct.org.in/gct_new/AQAR%2023-24/Criteria%203/3.4.4%20Number%20of%20books%20and%20chapters%20in%20edited%20volumes%2C%20books%20published%20per%20teacher%20during%20the%20year.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

474

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

20

File Description	Documents
Bibliometrics 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)

6.4235

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

0

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

Institute actively integrates community engagement into its educational framework, promoting a strong college-neighborhood network to drive community development. Through consistent activities, it nurtures a sense of social responsibility among students. Volunteers from the National Service Scheme (NSS) and Youth Red Cross Society (YRCS) participate in impactful initiatives, including:

- Tree plantation,
- Blood Donation & Medical Camp
- Environmental awareness program
- Health & Hygiene Program
- Road Safety Awareness Program
- Meri Maati Mera Desh &
- Drug Awareness Rally

The National Service Scheme (NSS) actively engages students in community development activities in nearby villages, fostering social responsibility and civic engagement. Additionally, the institute organizes special camps and projects in nearby areas like Pachal, A.K. Samuthiram, and Moonuchavadi, fostering campus-community connections. These programs aim to enhance the quality of life in neighbouring villages while instilling values of service, citizenship, and empathy in students. This embodies the essence of democratic living and emphasizes the importance of unselfish service, respect for the other's point of view, and consideration for fellow humans.

By engaging students in such extension and outreach efforts, the institute not only contributes to the community's well-being but also ensures the holistic development of its students, preparing them to become responsible citizens.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%203/3.6.1%20Extension%20activities%20carried%20out%20in%20the%20neighbourhood%20sensitising%20students%20to%20social%20issues%20for%20their%20holistic%20development%2C%20and%20the%20impact%20thereof%20during%20the%20year.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

33

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)

21

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

3412

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

204

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)

44

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.

Physical Facilities

Gnanamani College of Technology has adequate infrastructural facilities for teaching-learning. Institution is spread out in 29.6 Acres of green-campus. The College has Placement Cell, Training Cell and Entrepreneurship Development Cell. Our college is having 64 classrooms, 4 seminar halls, 65 laboratories, 2 drawing halls, 1 Computer Centre and 2 workshops.

(a) Library: The College has library with area of 1133 Sq.m, e-Governance facilities with good ambience. Library has 39119

printed as well as reference books, 42 International Journals, 135 National and 939 International e-journals, 5500 e-books (free and purchased), 1140 back volumes, 320 project reports and 319 question banks.

(b) Computing Equipment: The Institution has Computer Centers with 793 Computer systems. It maintains a student computer ratio of AICTE requirement. The institution is equipped with 125 Wi-Fi Access points facility with a bandwidth of 100 Mbps.

(c) Transport facilities for field visits and industrial visits Gnanamani provides transport facilities 46 buses for all major and minor locations within district and nearby district for student benefit.

(d) Other Facilities: The Institution has exclusive well-ventilated hostel rooms attached with rest rooms/bath rooms for boys and girls separately. Institution provides hygienic and good quality food.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%204/4.1.1%20Infrastructure.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.)

Gnanamani College of Technology is facilitated with various indoor and outdoor games which provide students to enrich their sportsmanship. The Students can refresh themselves by utilizing the Gym facility.

Sports: The Institution has a well-established play ground with an area of 37577.46 Sq.m.

Games:

Institution has spacious outdoor game facility with an area of 37404.46 Sq.m. It has one Cricket ground with 26766 Sq.m area, one Volley Ball court with 390 Sq.m area, one Foot Ball court with 4952 Sq.m area, 1 Shuttle Badminton court with 879.66 Sq.m area, 1 Kho-Kho court with 518 Sq.m area and 1 Kabadi court with 348 Sq.m

area.

Gym: For all-round development of the students, there is fully equipped gym - fitness zone containing all modern equipment. This area (comprising nearly 265 sq. meters) has a range of equipment's like dumb bells, Steering plates, Biceps Steering plates, skipping ropes.

Yoga: The Yoga classes are conducted for students regularly through Physical Education hours. Students are encouraged to perform yoga during college cultural events.

Cultural: Cultural competitions are being held during Annual day. Students have participated in the interdepartmental level and inter college level competitions and won prizes laurels to the institution.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%204/4.1.2%20Sports.pdf

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

48

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)

2303.68

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Institution Library is automated with Lips-iNet (Library Information Processing System-Dolphin Software) and barcode Technology. This is main software for library management, comprising wide data collection fields for book, non book such as CD, DVD, Question paper, Project work, Periodicals & Back volumes etc, Members and category settings, Students book allocation setting, library access, book circulation, fine setting, etc are maintained, Contains a huge variety of report formats for books, members, staffs, Circulation, library resources etc.

Specification of the Software:

- Name of the software : Lips-iNet (Library Information Processing System- Dolphin Software)
- Nature of Automation : Fully Automated with Barcode
- Version : 5.0
- Year of Automation : 2008

Software Administration

- Create new user log-in, password and grant rights to access various modules
- Set overdue charge at various stages/holiday
- Back-up, export and import of data
- Update database using various fields
- Generate charts

Additional feature of the software

OPAC- (Online Public Access Catalogue)

The facilities are provided with intranet connection, this is searching module applicable for every library user. Contains a

variety of search options such as Simple Search, Advanced Search, Reservation, Stock Verification, Periodicals, Non-Book Materials, Report Management, E-Gate (Electronics Gate)

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AOAR%2023-24/Criteria%204/4.2.1.pdf

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

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)

12.98

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

4.2.4 - 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

558

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

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

The learning materials for every course are available in the content server of the college which can be accessed by the students through the intranet facilities. Course materials, question bank, PPT and lab manuals are periodically uploaded in the Intranet portal GRC Gnanamani Resource Centre (Static IP) - <http://193.193.193.193/grc/loggingrc.aspx>) to develop the students self-learning. 125 Wi-Fi access points enhance the utility of internet and intranet facilities to the students and staff round the clock at the speed of 100 mbps. The college upgraded the internet speed regularly based on requirements. All the computers of the institution are enabled with LAN connection. The total bandwidth is divided for all the computers through LAN and also through Wi-Fi hotspots. Eight Wi-Fi access points have been installed at various places. Initially we have totally 793 computers with latest. All the staff members are having unique gct domain user-name and password for storing their data. We are having separate team called IT Help Desk to troubleshoot all IT related issues. Institute frequently encourages staffs and students to use all the open-source software like TurboC, C++, Java, Anaconda Distribution, Netbeans IDE, Scilab, GCC, maxima, etc., as per AICTE guidelines.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%204/4.3.1%20IT%20facilities%28SYSTEM%20UPGRADATION%29.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4004	793

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	No File Uploaded

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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%204/4.3.4%20facilities%20for%20e-content.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)

306.37

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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.

To ensure the adequacy of the infrastructure including land, buildings, equipment, computer hardware and software, the norms of the statutory bodies like UGC, AICTE and Anna University with regard to resource requirements are adhered as it is. The masonry and plumbing works are done with local skilled persons through our Estate office. College account section is maintaining students' fees collection, attendance & salary details of teaching & non-teaching staff. Component movement registers, Seminar Hall utilization register and maintenance register are taken care by administrative office. Lab equipment's are serviced by manufacturers and service personnel during the start of odd and even semester. Campus Surveillance Cameras, CCTVs, other security equipment's are maintained by the equipment providers. Fire Extinguishers in various blocks, class-room, labs, hostels, offices, etc. are set and maintained promptly for the safety of our stake holders. Each laboratory has an assistant, who ensures the proper use of the computers. Library stocks are audited once in a year. Books stock register is properly maintained and auditing of books is performed annually. College physical education department is taking care of sports equipment maintenance, gym maintenance, Sports stocks are audited once in a year. The following maintenance and service are done periodically UPS, Generator, AC, Lift, Transport.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%204/4.4.2%20lab.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

1993

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

597

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	www.gct.org.in
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

2092

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' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	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

389

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

29

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

1

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

8

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

A cell committee in Gnanamani College of Technology serves as a catalyst for holistic development by providing opportunities for students to explore, learn and engage beyond the regular academic curriculum. It fosters a sense of community, encourages creativity and nurtures leadership skills among the members while enriching

the college experience for all students. The committees often dedicated in areas such as academics, culture, sports and community service which serves as dynamic platforms that promotes student engagement and development. In the academic sphere, committees such as IIC, EDC and IQAC etc., organizes seminars, workshops, technical training and symposium providing students with opportunities to explore deeper into their subjects of interest. Cultural committees are instrumental in planning diverse events, festivals and talent shows whereas sports committee organize various competitions, coaching sessions and fitness activities promoting physical well-being and teamwork. The meticulous planning and execution of these committees involve identifying goals allocating resources and collaborating with other entities. Regular meetings are held to discuss progress and challenges ensures a coordinated effort towards achieving set goals. Feedback mechanisms are integral to the committees, allowing them to adapt and evolve based on the changing needs and preferences of the student community. Grievance Redressal committee and Anti ragging committee takes care of students problems, Student representation will play vital role in this.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.gct.org.in

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

27

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

- The college has a registered alumni association named as

Gnanamani College of Technology Alumni Association. Efforts were taken to register the association and registered in the year of 2019 with registration number SRG/Namakkal/167/2019.

Key objectives

- To organize and conduct seminars, conferences, workshops, endowment lectures and other academic activities.
 - To create and establish Alumni endowments for granting scholarships, prizes and medals to the students for showing high proficiency in their studies and honor old students of the College.
 - To advise and interact with State and Central Government Bodies, Universities and Associations of other academic institutions on matters related to promotion of higher education, training and management systems and thereby promoting the welfare and status of the College.
 - To render financial aid to deserving alumni in cases of extreme compassionate circumstances.
 - Career mentor: Competition in entering the work force is becoming more intensive as a result of a higher number of graduates competing for a limited number of job opportunities. Job availability is more critical in certain sectors.
- The Name and Designation of the members: 1. Sachin S Raj, President
2. S. Charanya, Vice President
3. G. Vidhya Krishnan, Secretary
4. B. Gopala Sutharsan, Joint Secretary and
5. C. Kumaresan, Treasurer

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gct.org.in/alumni.html

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 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

VISION

Emerging as a technical institution of high standard and excellence to produce quality Engineers, Researchers, Administrators and Entrepreneurs with ethical and moral values to contribute the sustainable development of the society.

MISSION

? To have in-depth domain knowledge with analytical and practical skills in cutting edge technologies by imparting quality technical education.

? To be industry ready and multi-skilled personalities to transfer technology to industries and rural areas by creating interests among students in Research and Development and Entrepreneurship.

QUALITY POLICY

Gnanamani College of Technology is committed to provide all requirements in curricular and co-curricular areas of Technical Education to our students and mould them with Technical Knowledge, Soft Skills, Physical Education and Ethics to enable them Engineering Professionals of International Standards. The College is also committed to strive for continual improvement of its Quality Management System through Student satisfaction in terms of achieving Academic Excellence, total personality development and excellent placement opportunities for the students. Objective of entire team efforts is to establish name of Gnanamani College of Technology as single source quality supplier by determining and fulfilling student's requirement.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/INSTITUTIONAL%20VISION%20AND%20LEADERSHIP.pdf

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

The Philanthropic Founder and Chairman, Dr.T.Arangannal has the deep vision of serving the society with the motto "Education is the foundation upon which we build our future". His vision has been the heritage statement for the functioning of the

institution. Based on the recommendations of the Governing Council, the commencement of new courses, expansion of infrastructure, implementation of strategy and other vital decisions are approved by the Chairman and peer team, implementation process discussed with the Principal and Heads of the departments for execution. The top management headed by the Chairman, Chairperson, Chief Administrative Officer, Principal, Academic Director and Vice Principal ensures that periodical meetings of the Governing Council are conducted to monitor the progress. The college delegates authority and provides operational autonomy other departments/ units of the institution and work towards decentralized governance system. People who have authority and autonomy: • Chief Administrative Officer • Principal • Academic Director • Deans • Vice Principal • COE • HODs • Committee Coordinators •

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	http://gct.org.in/gct_new/AOAR%2023-24/Criteria%206/6.1.2%2023-24.pdf

6.2 - Strategy Development and Deployment

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

The most important of the strategic plan is to develop quality of education in line with vision and mission of the institution. The strategic plan deployed and reviewed from time to time obtaining feedback from stake holders and various academic and administrative bodies. The management plans for improvement and expansions of infrastructure, modernization of existing facilities, research and development actives and introduction of new courses The Management maintains transparency in communicating the intent of the organization to all its employees through clarity in authority and delegation to achieve positive results in improving performance of the institution through the following acts.

? Frequent Meeting of respective Academic/Admission Bodies/Stake holders as per the requirement.

? Creating intellectual and ethical wealth

? Participative style of management through proper decentralization mechanism

The Strategic plan of the institute i.e. 2021-30 is as follows.

? To achieve highest grade in NAAC Accreditation.

? To encourage the faculty members to publish papers in reputed International/National Journals with good impact factor.

? To motivate all the Faculty members to pursue Ph.D.

? To get National Board of Accreditation for the eligible remaining departments.

? To enhance industry powered /sponsored laboratories.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/Str%20plan.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.

The most important of the strategic plan is to develop quality of education in line with vision and mission of the institution. The strategic plan deployed and reviewed from time to time obtaining feedback from stake holders and various academic and administrative bodies. The management plans for improvement and expansions of infrastructure, modernization of existing facilities, research and development actives and introduction of new courses The Management maintains transparency in communicating the intent of the organization to all its employees through clarity in authority and delegation to achieve positive results in improving performance of the institution through the following acts.

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? To enhance industry powered /sponsored laboratories.

File Description	Documents
Paste link to Organogram on the institution webpage	https://gct.org.in/about.html
Upload any additional information	View File
Paste link for additional Information	http://gct.org.in/code_of_ethics.html

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

Welfare Schemes for Teaching Staff

? The Institution ensures good quality of teaching by means of conducting quality improvement

programs, workshops, faculty training programmes & facilitating teaching learning opportunities for staff.

? Group insurance and Free Medical emergency transportation

? Sanction of one week leave for marriage.

? Sponsorship for attending conference, workshops and FDPs.

? Motivation for organizing guest lectures, attending orientation, refresher programmes & short term courses.

? Causal leave / Special leave to all eligible staff.

? Winter and summer vacation leave to all teaching staff.

? Motivation to register for Ph.D& for taking necessary steps to apply research proposals, getting financial grants, funds & patent etc.

? Encouragement to enroll as members of various professional bodies and societies with financial support.

? Research facilities to the faculty to present their research work at conferences (national & international) and share their technical expertise as resource persons.

? All adequate facilities are provided to the faculty to make best use of all the resources like internet, e-learning resources, library facilities, national & international journals.

Non-teaching staff

? Personal accident insurance

? Salary advance.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/HR%20manual%20V4.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

80

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

12

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.)

158

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

Internal Audit is conducted by officials deputed from Trust office periodically and the reports are obtained before conduct of the external audit which is normally done after the annual closure of the accounts in all respects. External Audit is conducted by the Statutory Auditors after 30th June and the reports are prepared and updated by 30th September of the subsequent year and the account statement are disclosed in the website. During the course of Internal Audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, to collect documentary evidences wherever inadequate in respect of payments, compliance of T.D.S. and Statutory Formalities and Reconciliation of Unit wise balances with the Control Accounts and Bank Reconciliations. The copy of the Internal audit report covering all matters related to maintenance of accounts is prepared. Subsequently, External Statutory Audit is conducted by the auditors and the final audit report with audit findings are submitted to the Management. The consolidation of the findings of the Institutions with Trust Central office has been completed and the annual returns have been submitted to Income tax Authorities and to the other relevant authorities concerned.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/Expenditure%20Details%2023-24.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	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Fees Collections

Students are admitted as per the Tami Nadu Government prescribed Higher Education norms by admitting 50% of students through Anna University Counseling (TNEA) and 50% through Consortium of Self-Financing Professional, Arts and Science Colleges in Tamil Nadu.

Term Loan and Hire Purchase Loans

Institute is getting above Loans from Banks with reduced rate of interest by maintaining the liquidity, DSCR and Debt Equity Ratios which are sound and the Loans are availed through Christian Educational Trust.

Non-Government Bodies and Sponsorship Receipts

Donations are received from well-wishers (alumni and others), industries, individuals and philanthropists for institutional activities.

Corpus Donation of Trust and Trust Contribution

The College is functioning under the Christian Educational Trust at Rasipuram Taluk, Namakkal, Tamilnadu. The Trust gets corpus donations from well-wishers, corporates and philanthropists.

Optimal Utilization

Recurring Expenses

Salary to staff, academic activities and payment of bank interest are done with fees collection.

Infrastructural development facilities and Building construction works

Management allocates budget to create and upgrade the infrastructural facilities in tune with the modern trends and for construction works. Bank loans and corpus donations received from well-wishers and philanthropist are judiciously utilized for the same.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/Expenditure%20Details%2023-24.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)

Internal Quality Assurance Cell (IQAC) has significantly contributed for institutionalizing the quality assurance strategies and processes by implementing quality scheme and practices. IQAC is one of the major policy making and implementing unit in our college. IQAC encourages various committees/cells of the institute and alumni association to organize awareness programs, camps, extension and service oriented activities.

- Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.
- Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.
- Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak.
- Increased use of ICT for Teaching-Learning and evaluation Process.
- Encouraging research atmosphere in the institution.
- Monitoring the co-curricular, extra-curricular, extension and sports activities.
- Enrichment of NSS and IIC.

- Conducts periodical review meetings with senior professors, head of the departments, other experts and students on quality parameters.
- Promotion of Research and Development activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AOAR%2023-24/Criteria%206/IQAC%20MoM%2023-24.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

Internal Quality Assurance Cell (IQAC) being the central body within the college monitors and review the teaching-learning process regularly. This involves examining the curriculum, teaching methods, assessment strategies, and other aspects of the learning process to identify areas for improvement. Implementation of pedagogical initiatives and various instructional methods is a crucial aspect of improving the quality of education in an institution. Some common pedagogical initiatives include:

- Collaborative learning involves promoting teamwork and collaboration among students, encouraging them to learn from each other and share their knowledge and skills.
- Encouraging students to earn online certifications can provide them with an opportunity to develop new skills and knowledge outside of the classroom.
- Continuous evaluation comprising of internal assessment tests, assignments, group discussions, and seminar presentations.
- Providing additional support to weaker students can help them catch up with their peers and succeed academically.
- Providing challenging tasks, additional reading materials, and mentorship opportunities to bright students can help them reach their full potential and excel in their academic and professional careers.

By implementing these strategies, our institution can create a more supportive and engaging learning environment that promotes student success and achievement, regardless of their background or skill level.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/AAA%20audit%202023-2024.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 institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/IQAC%20annual%20report%2023-24.pdf
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

1. Safety and Security

- A team of security guards ensures the security of the students and staff members.
- Special attention is given to the students those who are staying in the Hostel.
- Separate hostel for boys & girls with sophisticated room with all facilities.

- Entire campus is covered with sufficient lighting during the night time arrangements.
- Study duties are allotted for HoDs' and Faculties to monitor the study hour.
- Transportation is provided for the needy in emergency.
- CCTV cameras are installed in all over the campus for monitoring purposes.

2. Counselling

- Faculty members are assigned as Mentors for a group of 15 to 20 students. All the mentors maintain student's details such as parents name, addresses, contact numbers, details of their assessment marks and their progress in Curricular and Co-curricular activities.
- Mentors are monitoring and guiding their students continuously and counseling them to improve their attendance, Individual talents / skills etc.
- All the mentors act as good motivators to inculcate and develop their co-curricular, extra-curricular and other activities along with the regular academic works.
- The students are always feel free and liberty to meet their mentor for any sort of help and guidance.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://gct.org.in/gct_new/AQAR%2023-24/Criteria%207/7.1.1.1%20Consolidated.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy plant Wheeling to the Grid 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)

1. Solid waste management:

Solid waste management is the process of collecting, treating and disposing of solid materials which is taken care in the Institution. Improper disposal of solid waste can create unsanitary conditions in turn leads to pollution of the environment and outbreaks of vector-borne diseases.

2. Liquid Waste Management:

Due to the increase of water usage, the volume of sewage increases and safe disposal of sewage has become a cause of concern. The appropriate reuse of treated sewage is the obvious and eminent solution. Our Institution has two Sewage Treatment Plants (STP) to recycle the waste water.

3. E-Waste Management:

Disposal of e-waste is an emerging global environmental and public health issue and has become the most rapidly growing segment of formal municipal waste stream in the world. The life of the electronic items is extended by doing proper maintenance. The harmless items are used in the laboratories for demonstration purpose. The out dated computer mother boards, RAM, hard disks and processors are used for the purpose of hardware assembly training.

4. Waste recycling system:

- Reduce, Reuse, Recycling is the process carried out for the solid, liquid and E-waste

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

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:

A. Any 4 or All of the above

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

File Description	Documents
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:

A. Any 4 or all of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	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).

The institute has prioritized creating an inclusive environment for students, faculty, and the public, emphasizing harmony in social, regional, linguistic and cultural events.

NSS Volunteers from our institution have been actively involved in various community service activities, demonstrating their

commitment to social responsibility. In July 2023, three volunteers donated blood in an emergency situation at Bharat Blood Bank, Namakkal. The NSS unit also conducted an awareness program, "Meri Maati Mera Desh 2023," in a Village.

The volunteers contributed their services to organize several events, including "Arupathu Moovar Peruvizha - 2023," "Lord Krishna Janmashtami 2023". They also participated in a blood donation camp, collecting 80 units of blood for the Government Hospital's Blood Bank, Rasipuram.

Additionally, the NSS and YRC units jointly organized an awareness program on National Deworming Day and conducted a rally on energy conservation and environmental protection. The volunteers enthusiastically participated in the Pongal festival celebrations, showcasing their skills and embracing cultural values.

These activities demonstrate the dedication of our NSS volunteers, students and faculties to serving the community and promoting social welfare. Their selfless efforts have made a positive impact on the lives of many individuals and contributed to the betterment of society.

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:

Environmental Science and Engineering, Professional Ethics in Engineering for the following department (ECE, EEE, CIVIL, MECH, CSE, BM, FOOD, CHEMICAL) through which we enhance the Sensitization of students. The students are trained to adhere to constitutional obligations.

The Institution encourages multicultural celebrations in the campus. Students join together to improve society of nation and cultures. Indian great personalities' life history is shown to the young minds.

A GOOD CITIZEN

A good citizen is the one who is helpful and broad minded. He stays calm and doesn't make others harder. It is the responsibility of every person to keep its area clean. The good citizen is the one who abides by all the rules and laws of the country.

LAW

It is the duty of ever citizens to help the administration for maintenance of law and order; the primary function of the State.

ENVIRONMENT

Environmental scientists work on subjects like the understanding of earth processes, evaluating alternative energysystems, pollution control, natural resource managementand the effects of global climate change.Science is the explanation of the physical world, while engineering encompasses applications of science to achieve results. Water is a valuable natural resource that is found in different forms in the environment.

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

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various 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

- Our Institution has students from different parts of India. The Institution encourages multicultural celebrations in the campus. Our students work towards clean and better India. They intend to improve the society, nation and culture. Indian leaders biographies are being discussed with the young minds through the programmes conducted on these special days. Ever since our school days, we are told that on the days of national festivals we should remember all those who sacrificed their lives or a part of their lives to freedom our country from the British. We should also remember them on the days they were born and the days when they were demised after serving the country. The reason we celebrate festivals is because the majority of them are more or less religiously centered and thus welcome to honor our religions. Festivals also give a sense of enjoyment, relaxation and offer the time needed to bond with family members whom we never really see. These Celebrations will help students to have a good understanding about the culture, characteristics and purpose of celebration. So our college is concerned with great personalities anniversaries and festivals celebrated in front of students and teachers to make them service minded.

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

7.2.1. Student Talk

Student talks offer a platform for young minds to articulate their ideas, research findings, or perspectives on various subjects. During these talks, students share insights into their academic projects, discoveries, or personal experiences, contributing to a vibrant academic community. Through engaging discussions and Q&A sessions, students showcase their ability to convey complex information effectively. Whether presenting research findings, sharing insights, or engaging in debates, students hone their ability to convey complex concepts in a clear and concise manner. In essence, student talks go beyond the classroom, shaping well-rounded individuals equipped with effective communication and analytical prowess.

7.2.2 Peer Group Counselling

Peer group counselling is a valuable approach in addressing various challenges faced by individuals within a shared community. This form of counselling involves peers providing support, understanding, and guidance to one another, creating a supportive network that fosters personal growth and well-being.

Importantly, peer group counselling complements formal counselling services. While professional counsellors provide expert guidance, peers offer a unique form of emotional support and understanding.

By fostering a sense of community, encouraging empathy, and promoting effective communication, this approach contributes positively to individuals' emotional well-being and helps create resilient, empowered communities.

File Description	Documents
Best practices in the Institutional website	http://gct.org.in/gct_new/AQAR%2023-24/Criteria%207/Peer%20Counseling.pdf
Any other relevant information	http://gct.org.in/gct_new/AQAR%2023-24/Criteria%207/STS%20%26%20PGT.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)

Gnanamani College of Technology is committed to fostering community involvement and social responsibility. Throughout the year, the institution participates in initiatives that raise awareness about critical social issues.

Some notable activities include:

Observing the International Day Against Drug Abuse and Illicit Trafficking with a human chain formation. Organizing an awareness program titled "Meri Maati Mera Desh" at Pachal village. Participating in cultural events like "Arupathu Moovar Peruvizha" and "Lord Krishna Janmashtami" celebration. Celebrating Teachers' Day at Vallalar Temple.

The college also addresses health and environmental issues through:

Conducting an eye camp with the Indian Vision Institute. Organizing a General Medical Camp with Manipal Hospital. Hosting an "Energy Conservation Awareness Rally" with the Tamil Nadu Generation and Distribution Corporation Limited. Marking Wetland Conservation Day and raising awareness about Manjappal. Organizing an "Awareness Camp on Women Entrepreneurship" for women empowerment.

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.

Gnanamani College of Technology (GCT), an autonomous institution, conducts a comprehensive four-yearly review and revision of its curriculum, aligning it with its vision, mission and societal needs. The curriculum is designed following guidelines from UGC, AICTE and Anna University, incorporating model curricula from AICTE, reputed institutions like NITs and syllabi of competitive exams such as GATE and IES. Inputs from various academicians, industry experts, alumni and stakeholders further refine the process.

The curriculum emphasizes humanities, basic and engineering sciences, professional core and electives, open electives and employability enhancement courses. Departments develop course titles, credits and content, ensuring alignment with Program Outcomes (POs), Program Specific Outcomes (PSOs) and Educational Objectives (PEOs). The Board of Studies (BoS), comprising academic and industry experts, regularly reviews course content.

The Curriculum Development Cell (CDC) ensures compliance with central and state guidelines, determining credit structures. To enhance employability, GCT offers courses in AI, Cyber Security, Data Analytics, Digital Marketing and more. Students gain practical exposure through mandatory internships, industrial visits and projects. Additionally, NPTEL/SWAYAM courses promote lifelong learning and corporate social responsibility. GCT's dynamic curriculum empowers students with skills and knowledge for successful careers and societal contributions

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%201/1.1.1%20Additional%20information.pdf

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

0

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

684

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**

38

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

22

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

The Institution has taken measures to integrate and address the Issues relevant to the curricular, co-curricular and extracurricular activities to ensure gender equity.

Various committees have been formed to ensure safe and healthy environment.

Women Empowerment Cell empowers girl students to enhance understanding and addressing of issues.

Women grievances committee is constituted with all the women's faculty and female-student representatives from each class of all the programs. Being a ragging free campus, there is no case of incidence like eve-teasing, sexual harassment against girl students.

Facilities provided for the welfare of our women's faculty and girls students:

Separate Counseling Cell for Girls.

Medical emergency dispensary on campus to give first-aid and routine medical requirements for the girl-students and lady faculty members.

Campus is under the surveillance of CCTV Camera to ensure safety and to maintain the discipline.

Environment and Sustainability

To integrate the cross-cutting issues relevant to environment and sustainability, all programs have a compulsory course on Environmental Science and Engineering in curriculum.

Swachh Bharat, Avoiding Plastics and Blood Donation Camps are organized regularly by NSS/YRC to improve their life skills.

Human Rights

Anna University offers Human Rights course as elective course.

Committees like SC/ST, Anti-Ragging deal issues regarding ragging related misconduct

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

36

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

1137

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

3178

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://gct.kredovoiceout.in/#/admin/login/index
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://gct.org.in/action_taken_for_feedback.html
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

1397

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)

1043

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.

The learning level of the students will be assessed and enhanced to get good results and placements in top MNCs. In each semester, internal assessment tests are conducted to award internal marks. The students who have scored 60% marks in the internal tests and less than 3 arrears in the previous semester results are considered advanced learners; the rest are considered slow learners. Special programs are arranged for advanced learners to improve their communication and technical skills; separate modules are designed by the training and placement cell. Students are encouraged to organize and participate in programs like webinars, seminars, workshops, etc., to enhance their knowledge and skills. The Higher Education Cell organizes various programs to motivate the students to get through the competitive examinations. In special programs for slow learners to get good results, counseling is given to all the slow learners for all programs. Mentors are deputed for every 20 students to establish good relationships with each student and motivate them personally. Materials were sent online, like a question bank and a collection of university question papers. All students were asked to go through the online materials. It will be helpful in the university exams. Students were encouraged to complete projects and internships at different companies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AOAR%2023-24/Criteria%202/2.2.1/slow advLearners.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2023	4004	316

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:

Student-centric learning is supported by creating a conducive learning atmosphere, which allows the students to think in different ways to respond and ask questions. Students were grouped into advanced learners and slow learners in each class and monitored by subject faculties where they could share ideas and clarification for their development. Apart from this, students were motivated to join online courses like webinars, NPTEL, etc. By including club activities, students were imparted practical training, which is necessary for getting real-time, hands-on experience. **Experiential learning:** In the lab class, while conducting lab experiments, the concepts and working principles of the equipment are explained in addition to content beyond experiments. The college is well equipped with equipment to support faculty members and students. **Participative learning and problem-solving methodologies:** The faculty members make learning interactive with students by motivating their participation in group discussions and questions-and-answer sessions on current affairs. Assignments are given to the students in the regular subject topics. In that way, the students can work to solve problems with different methodologies and find the best method to solve them.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

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

The teaching, learning, and assessment strategies of the

programs are continually reviewed. Through online pre-placement training, mainly soft skills and aptitude-based modules are given. Motivations towards research for students are also offered. Encouraging students to do mini-projects in the concerned subjects. Subject concepts are explained through video lessons, PPTs, e-lessons, and lab experiments. The learning materials for every course are available on the content server of the college, which can be accessed by the students through the intranet facilities. Course materials, question banks, PPTs, and lab manuals are periodically uploaded in the intranet portal GRC (Gnanamani Resource Centre, <https://193.193.193.193/grc/loggingrc.aspx>) to develop the students self-learning by all the subject teachers. Students can access the database of the digital library, NPTEL videos, and other internet facilities that consist of course material, recorded video lectures, and animations. NPTEL videos, e-books, web links, and teachers design role-play-based assignments to enhance the teaching and learning of students. A web link is provided to the students for giving feedback on the faculties. Students give feedback on the ongoing subject-wise lecture sessions. This feedback will enable the faculty to know the effectiveness of his or her teaching on a lecture basis and help to improve their performance.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%202/2.3.2/FINAL%20ICT%20TOOLS.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

316

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

Academic Schedule

The academic schedule for each semester is prepared by the IQAC coordinator, The principal will approve the prepared Academic schedule and it will be circulated to all faculty and students. Pre-planned dates for commencement of the classes, Continuous Internal Examination, last working day, Practical exam, semester-end examinations and a tentative date for reopening for next semester will be given in the schedule.

Teaching Plan

Faculty will update the Faculty Log Book with the following details:

- Course syllabus
- Course delivery plan,
- Course outcomes and their mapping with Program Outcomes,
- Content beyond the syllabus,
- Learning resources planned,
- Course coordinator meeting etc.

The faculty log book will be approved by the Head of the Department concerned. All the faculties follow the academic schedule for completing the syllabus on time. Hand written lecture materials are prepared by the faculty and distributed the same to the students.

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**

316

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

30

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)

1482

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

21

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

26

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

The institution has been consistently implementing reforms in its examination procedures by incorporating IT into all aspects of the examination system. The reforms within the institutions for all activities have been maintained in confidentiality while remaining easily accessible. The Departments adheres to the examination framework established by the University, which includes both internal assessments and end-of-semester examinations. After each test, the evaluated answer sheets are returned to the students, allowing for a self-evaluation of their performance along with recommendations for improvement if necessary. This process helps students enhance their performance in subsequent tests. The institution provides a printed format for internal assessments in accordance with instructed criteria to ensure rightful evaluations. The introduction of Bloom's Model of Examination Reforms has become a significant aspect of the examination system. An integrated examination platform within the ERP system facilitates both pre- and post-examination processes. Faculty members upload student lists, internal assessment marks, assignments, attendance, and other relevant data onto the ERP portal using their personal credentials via a web-based interface, which

minimizes errors and conserves time. Additionally, hall tickets are generated and printed through the ERP by the Examination Cell. Results are also entered into the ERP system and published online, making them accessible through the institution's website. A revaluation option is available for students to address any discrepancies in evaluation and result processing.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gct.org.in/coe.html

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

The institute is affiliated with Anna University in Chennai. The program outcomes (POs), program-specific outcomes (PSOs), and course outcomes (COs) are well defined and stated in the university curriculum for the regulations (R-2017 and R-2021). POs, PSOs, and COs frame and justify the vision and mission statements of the college and the syllabus content. COs are framed by the head of the department, subject handling faculty, and subject experts as per the content of the syllabus. Due care is taken to inform POs, PSOs, and COs of all the stakeholders. POs, PSOs, and COs for all programs and courses offered by the institution are displayed on the institute website for reference by all stakeholders. Each course has defined course outcomes that are mapped to the program outcome, program-specific outcomes, and a set of performance criteria that are used to provide a quantitative measurement of how well course outcomes are achieved. The course outcomes of each course are mapped to the program outcomes, with a level of emphasis being high-level correlated (3), medium-level correlated (2), and low-level correlated (1). COs are recorded by the faculty concerned for their respective courses and referred to while executing the course plan.

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://gct.org.in/cse.html

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

Attainment of Course Outcomes: The internal assessment mark for the theory is considered for three internal assessment examinations, the laboratory average mark of records, and one model practical examination. Project work is evaluated by conducting three review sessions. Final course outcome is calculated 80% of internal assessment mark and 20% from course end survey for each subject.

Anna University Grade Points, as detailed below:

Grade

Grade points

Mark Range

O

10

91-100

A+

9

81-90

A

8

71-80

B+

7

61-70

B

6

50-60

U

0

-

Attainment of program outcomes and program-specific outcomes: Internal Assessment Tests are conducted three times per semester, assessed by respective faculty members, and reviewed by the HOD. The university examination is conducted at the end of the semester, assessed by external examiners, and reviewed by the board chairman appointed by the university. Record Mark and Model Practical Examinations are conducted once per semester, assessed by the respective faculty member, and reviewed by the HOD concerned.

For indirect attainment the following survey:

Alumni, Employer Survey, Exit survey and includes co-curricular activities.

The survey consists of questionnaires and feedback formats for the alumni students. This form will be collected by the faculty coordinator and reviewed by the HOD and principal for continuous improvement.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%202/2.6.2/CO%20PO%20attainment%20for%20the%20batch%20EEE.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

602

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://gct.org.in/coe.html

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://gct.org.in/gct_new/AQAR%2023-24/Criteria%202/2.7%20Student_Survey.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

The institution fosters a robust research culture among staff and students, aligning with its vision and mission. The Gnan R&D Cell spearheads this initiative, promoting awareness and nurturing research mindsets for cutting-edge and socially relevant projects. The institution emphasizes research

publications in reputed journals, industry collaboration through MoUs, and innovative projects. Faculty are encouraged to pursue higher education, publish research annually, and secure funding from national and international agencies.

To support research, the institution offers monetary incentives for publications, seed funding for proof-of-concept development, and financial aid for professional development activities, including conferences and workshops. It also supports patent filings and consultancy projects with industries. Facilities include state-of-the-art laboratories, a central library with over 40,000 volumes and digital resources like IEEE access, 24/7 high-speed Wi-Fi, and spaces for startups. Research infrastructure is further bolstered by three R&D centers recognized by Anna University and interdisciplinary collaboration opportunities.

This comprehensive policy, available on the institutional website, ensures the consistent promotion of research and innovation while providing the necessary support and infrastructure to advance scholarly and industrial contributions.

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://gct.org.in/r&d_centre.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)

4.5

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	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

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

3.29

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

2

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://my.msme.gov.in/inc/HI/HackathonThreeSubmittedAppList.aspx?Sec=Apd & https://www.editn.in/
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

11

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

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://my.msme.gov.in/inc/HI/HackathonThreeSubmittedAppList.aspx?Sec=Apd & https://www.editn.in/
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.

Gnanamani College of Technology has the following Ecosystem for Innovations and initiatives for creation and Transfer of knowledge.

Institution Innovation Council: Aims to encourage inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes.

Entrepreneurship Development Cell: Aims to enrich the entrepreneurial environment by creating successful entrepreneurs.

Research & Development Centers: Aims to nurture research culture by promoting research in newly emerging and challenging frontier areas.

Industry supported, Start-ups & Innovative Project labs: Aims to inculcate higher level thinking and creativity among the students.

Industry Connected MoUs: Aims to minimize the gap between learning and carrier opportunities.

Incubation Centre: Aims to facilitate or supports the development and growth of early-stage businesses and entrepreneurial ventures.

Gnan Central Library: GCT house has a central library in the campus and it has around 20,000 volume of books, magazines and journals.

Gnan Resource Centre: GCT has an exclusive web site named GRC where students leverage intranet using LAN, to download the study materials uploaded by every faculty.

Wi-Fi: GCT provides Wi-Fi enabled Hi-tech campus to access rich online Data bases. Approximately 102 Wi-Fi devices are being utilized in the classrooms, library and hostels.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%203/3.3.1.pdf

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

82

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

10

File Description	Documents
URL to the research page on HEI website	https://gct.org.in/r&d_centre.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

119

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

40

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://gct.org.in/gct_new/AQAR%2023-24/Criteria%203/3.4.4%20Number%20of%20books%20and%20chapters%20in%20edited%20volumes%20%20books%20published%20per%20teacher%20during%20the%20year.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

474

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

20

File Description	Documents
Bibliometrics 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)

6.4235

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

0

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

Institute actively integrates community engagement into its educational framework, promoting a strong college-neighborhood network to drive community development. Through consistent activities, it nurtures a sense of social responsibility among students. Volunteers from the National Service Scheme (NSS) and Youth Red Cross Society (YRCS) participate in impactful initiatives, including:

- Tree plantation,
- Blood Donation & Medical Camp
- Environmental awareness program
- Health & Hygiene Program
- Road Safety Awareness Program
- Meri Maati Mera Desh &
- Drug Awareness Rally

The National Service Scheme (NSS) actively engages students in community development activities in nearby villages, fostering social responsibility and civic engagement. Additionally, the institute organizes special camps and projects in nearby areas like Pachal, A.K. Samuthiram, and Moonuchavadi, fostering campus-community connections. These programs aim to enhance the quality of life in neighbouring villages while instilling values of service, citizenship, and empathy in students. This embodies the essence of democratic living and emphasizes the

importance of unselfish service, respect for the other's point of view, and consideration for fellow humans.

By engaging students in such extension and outreach efforts, the institute not only contributes to the community's well-being but also ensures the holistic development of its students, preparing them to become responsible citizens.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%203/3.6.1%20Extension%20activities%20carried%20out%20in%20the%20neighbourhood%20sensitising%20students%20to%20social%20issues%20for%20their%20holistic%20development%2C%20and%20the%20impact%20thereof%20during%20the%20year.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

33

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)

21

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

3412

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

204

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)

44

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.

Physical Facilities

Gnanamani College of Technology has adequate infrastructural facilities for teaching-learning. Institution is spread out in 29.6 Acres of green-campus. The College has Placement Cell, Training Cell and Entrepreneurship Development Cell. Our college is having 64 classrooms, 4 seminar halls, 65 laboratories, 2 drawing halls, 1 Computer Centre and 2 workshops.

(a) Library: The College has library with area of 1133 Sq.m, e-Governance facilities with good ambience. Library has 39119 printed as well as reference books, 42 International Journals, 135 National and 939 International e-journals, 5500 e-books (free and purchased), 1140 back volumes, 320 project reports and 319 question banks.

(b) Computing Equipment: The Institution has Computer Centers with 793 Computer systems. It maintains a student computer ratio of AICTE requirement. The institution is equipped with 125 Wi-Fi Access points facility with a bandwidth of 100 Mbps.

(c) Transport facilities for field visits and industrial visits Gnanamani provides transport facilities 46 buses for all major and minor locations within district and nearby district for student benefit.

(d) Other Facilities: The Institution has exclusive well-ventilated hostel rooms attached with rest rooms/bath rooms for boys and girls separately. Institution provides hygienic and good quality food.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%204/4.1.1%20Infrastructure.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.)

Gnanamani College of Technology is facilitated with various indoor and outdoor games which provide students to enrich their sportsmanship. The Students can refresh themselves by utilizing the Gym facility.

Sports: The Institution has a well-established play ground with an area of 37577.46 Sq.m.

Games:

Institution has spacious outdoor game facility with an area of 37404.46 Sq.m. It has one Cricket ground with 26766 Sq.m area, one Volley Ball court with 390 Sq.m area, one Foot Ball court with 4952 Sq.m area, 1 Shuttle Badminton court with 879.66 Sq.m area, 1 Kho-Kho court with 518 Sq.m area and 1 Kabadi court with 348 Sq.m area.

Gym: For all-round development of the students, there is fully equipped gym - fitness zone containing all modern equipment. This area (comprising nearly 265 sq. meters) has a range of equipment's like dumb bells, Steering plates, Biceps Steering plates, skipping ropes.

Yoga: The Yoga classes are conducted for students regularly through Physical Education hours. Students are encouraged to perform yoga during college cultural events.

Cultural: Cultural competitions are being held during Annual day. Students have participated in the interdepartmental level and inter college level competitions and won prizes laurels to the institution.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AOAR%2023-24/Criteria%204/4.1.2%20Sports.pdf

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

48

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)

2303.68

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Institution Library is automated with Lips-iNet (Library Information Processing System-Dolphin Software) and barcode Technology. This is main software for library management, comprising wide data collection fields for book, non book such as CD, DVD, Question paper, Project work, Periodicals & Back volumes etc, Members and category settings, Students book allocation setting, library access, book circulation, fine setting, etc are maintained, Contains a huge variety of report formats for books, members, staffs, Circulation, library resources etc.

Specification of the Software:

- o Name of the software : Lips-iNet (Library Information Processing System- Dolphin Software)
- o Nature of Automation : Fully Automated with Barcode
- o Version : 5.0
- o Year of Automation : 2008

Software Administration

- Create new user log-in, password and grant rights to access various modules
- Set overdue charge at various stages/holiday
- Back-up, export and import of data
- Update database using various fields
- Generate charts

Additional feature of the software**OPAC- (Online Public Access Catalogue)**

The facilities are provided with intranet connection, this is searching module applicable for every library user. Contains a variety of search options such as Simple Search, Advanced Search, Reservation, Stock Verification, Periodicals, Non-Book Materials, Report Management, E-Gate (Electronics Gate)

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%204/4.2.1.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)

12.98

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

4.2.4 - 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

558

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

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

The learning materials for every course are available in the content server of the college which can be accessed by the students through the intranet facilities. Course materials, question bank, PPT and lab manuals are periodically uploaded in the Intranet portal GRC Gnanamani Resource Centre (Static IP) - <http://193.193.193.193/grc/logingrc.aspx>) to develop the students self-learning. 125 Wi-Fi access points enhance the utility of internet and intranet facilities to the students and staff round the clock at the speed of 100 mbps. The college upgraded the internet speed regularly based on requirements. All the computers of the institution are enabled with LAN connection. The total bandwidth is divided for all the computers through LAN and also through Wi-Fi hotspots. Eight Wi-Fi access points have been installed at various places. Initially we have totally 793 computers with latest. All the staff members are having unique gct domain user-name and password for storing their data. We are having separate team called IT Help Desk to troubleshoot all IT related issues. Institute frequently encourages staffs and students to use all the open-source software like TurboC, C++, Java,

Anaconda Distribution, Netbeans IDE, Scilab, GCC, maxima, etc., as per AICTE guidelines.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AOAR%2023-24/Criteria%204/4.3.1%20IT%20facilities%28SYSTEM%20UPGRADATION%29.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4004	793

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. 750 Mbps**

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

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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%204/4.3.4%20facilities%20for%20e-content.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)

306.37

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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.

To ensure the adequacy of the infrastructure including land, buildings, equipment, computer hardware and software, the norms of the statutory bodies like UGC, AICTE and Anna University with regard to resource requirements are adhered as it is. The masonry and plumbing works are done with local skilled persons through our Estate office. College account section is maintaining students' fees collection, attendance & salary details of teaching & non-teaching staff. Component movement registers, Seminar Hall utilization register and maintenance register are taken care by administrative office. Lab equipment's are serviced by manufacturers and service personnel during the start of odd and even semester. Campus Surveillance Cameras, CCTVs, other security equipment's are maintained by the equipment providers. Fire Extinguishers in various blocks, class-room, labs, hostels, offices, etc. are set and maintained promptly for the safety of our stake holders. Each laboratory has an assistant, who ensures the proper use of the computers. Library stocks are audited once in a year. Books

stock register is properly maintained and auditing of books is performed annually. College physical education department is taking care of sports equipment maintenance, gym maintenance, Sports stocks are audited once in a year. The following maintenance and service are done periodically UPS, Generator, AC, Lift, Transport.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AOAR%2023-24/Criteria%204/4.4.2%20lab.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

1993

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

597

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

A. All of the above

Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	www.gct.org.in
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

2092

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	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

389

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

29

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

1

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

8

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

A cell committee in Gnanamani College of Technology serves as a catalyst for holistic development by providing opportunities for students to explore, learn and engage beyond the regular academic curriculum. It fosters a sense of community, encourages creativity and nurtures leadership skills among the members while enriching the college experience for all students. The committees often dedicated in areas such as academics, culture, sports and community service which serves as dynamic platforms that promotes student engagement and development. In the academic sphere, committees such as IIC, EDC and IQAC etc., organizes seminars, workshops, technical training and symposium providing students with opportunities to explore deeper into their subjects of interest. Cultural committees are instrumental in planning diverse events, festivals and talent shows whereas sports committee organize various competitions, coaching sessions and fitness activities promoting physical well-being and teamwork. The meticulous planning and execution of these committees involve identifying goals allocating resources and collaborating with other entities. Regular meetings are held to discuss progress and challenges ensures a coordinated effort towards achieving set goals. Feedback mechanisms are integral to the committees, allowing them to adapt and evolve based on the changing needs and preferences of the student community. Grievance Redressal

committee and Anti ragging committee takes care of students problems, Student representation will play vital role in this.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.gct.org.in

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

27

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

- The college has a registered alumni association named as Gnanamani College of Technology Alumni Association. Efforts were taken to register the association and registered in the year of 2019 with registration number SRG/Namakkal/167/2019. Key objectives
- To organize and conduct seminars, conferences, workshops, endowment lectures and other academic activities.
- To create and establish Alumni endowments for granting scholarships, prizes and medals to the students for showing high proficiency in their studies and honor old students of the College.
- To advise and interact with State and Central Government Bodies, Universities and Associations of other academic institutions on matters related to promotion of higher education, training and management systems and thereby promoting the welfare and status of the College.
- To render financial aid to deserving alumni in cases of extreme compassionate circumstances.
- Career mentor: Competition in entering the work force is becoming more intensive as a result of

a higher number of graduates competing for a limited number of job opportunities. Job availability is more critical in certain sectors. The Name and Designation of the members: 1. Sachin S Raj, President 2. S. Charanya, Vice President 3. G. Vidhya Krishnan, Secretary 4. B. Gopala Sutharsan, Joint Secretary and 5. C. Kumaresan, Treasurer

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gct.org.in/alumni.html

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 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

VISION

Emerging as a technical institution of high standard and excellence to produce quality Engineers, Researchers, Administrators and Entrepreneurs with ethical and moral values to contribute the sustainable development of the society.

MISSION

? To have in-depth domain knowledge with analytical and practical skills in cutting edge technologies by imparting quality technical education.

? To be industry ready and multi-skilled personalities to transfer technology to industries and rural areas by creating interests among students in Research and Development and Entrepreneurship.

QUALITY POLICY

Gnanamani College of Technology is committed to provide all requirements in curricular and co-curricular areas of Technical Education to our students and mould them with Technical Knowledge, Soft Skills, Physical Education and Ethics to enable them Engineering Professionals of International Standards. The College is also committed to strive for continual improvement of its Quality Management System through Student satisfaction in terms of achieving Academic Excellence, total personality development and excellent placement opportunities for the students. Objective of entire team efforts is to establish name of Gnanamani College of Technology as single source quality supplier by determining and fulfilling student's requirement.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/INSTITUTIONAL%20VISION%20AND%20LEADERSHIP.pdf

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

The Philanthropic Founder and Chairman, Dr.T.Arangannal has the deep vision of serving the society with the motto "Education is the foundation upon which we build our future". His vision has been the heritage statement for the functioning of the institution. Based on the recommendations of the Governing Council, the commencement of new courses, expansion of infrastructure, implementation of strategy and other vital decisions are approved by the Chairman and peer team, implementation process discussed with the Principal and Heads of the departments for execution. The top management headed by the Chairman, Chairperson, Chief Administrative Officer, Principal, Academic Director and Vice Principal ensures that periodical meetings of the Governing Council are conducted to monitor the progress. The college delegates authority and provides operational autonomy other departments/ units of the institution and work towards decentralized governance system. People who have authority and autonomy: • Chief Administrative Officer • Principal • Academic Director • Deans • Vice Principal • COE • HODs • Committee Coordinators •

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	http://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/6.1.2%2023-24.pdf

6.2 - Strategy Development and Deployment

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

The most important of the strategic plan is to develop quality of education in line with vision and mission of the institution. The strategic plan deployed and reviewed from time to time obtaining feedback from stake holders and various academic and administrative bodies. The management plans for improvement and expansions of infrastructure, modernization of existing facilities, research and development activities and introduction of new courses. The Management maintains transparency in communicating the intent of the organization to all its employees through clarity in authority and delegation to achieve positive results in improving performance of the institution through the following acts.

? Frequent Meeting of respective Academic/Admission Bodies/Stake holders as per the requirement.

? Creating intellectual and ethical wealth

? Participative style of management through proper decentralization mechanism

The Strategic plan of the institute i.e. 2021-30 is as follows.

? To achieve highest grade in NAAC Accreditation.

? To encourage the faculty members to publish papers in reputed International/National Journals with good impact factor.

? To motivate all the Faculty members to pursue Ph.D.

? To get National Board of Accreditation for the eligible remaining departments.

? To enhance industry powered /sponsored laboratories.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/Str%20plan.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.

The most important of the strategic plan is to develop quality of education in line with vision and mission of the institution. The strategic plan deployed and reviewed from time to time obtaining feedback from stake holders and various academic and administrative bodies. The management plans for improvement and expansions of infrastructure, modernization of existing facilities, research and development activities and introduction of new courses. The Management maintains transparency in communicating the intent of the organization to all its employees through clarity in authority and delegation to achieve positive results in improving performance of the institution through the following acts.

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? To get National Board of Accreditation for the eligible remaining departments.

? To enhance industry powered /sponsored laboratories.

File Description	Documents
Paste link to Organogram on the institution webpage	https://gct.org.in/about.html
Upload any additional information	View File
Paste link for additional Information	http://gct.org.in/code_of_ethics.html

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

Welfare Schemes for Teaching Staff

? The Institution ensures good quality of teaching by means of conducting quality improvement

programs, workshops, faculty training programmes & facilitating teaching learning opportunities for staff.

? Group insurance and Free Medical emergency transportation

- ? Sanction of one week leave for marriage.
- ? Sponsorship for attending conference, workshops and FDPs.
- ? Motivation for organizing guest lectures, attending orientation, refresher programmes & short term courses.
- ? Causal leave / Special leave to all eligible staff.
- ? Winter and summer vacation leave to all teaching staff.
- ? Motivation to register for Ph.D& for taking necessary steps to apply research proposals, getting financial grants, funds & patent etc.
- ? Encouragement to enroll as members of various professional bodies and societies with financial support.
- ? Research facilities to the faculty to present their research work at conferences (national & international) and share their technical expertise as resource persons.
- ? All adequate facilities are provided to the faculty to make best use of all the resources like internet, e-learning resources, library facilities, national & international journals.

Non-teaching staff

- ? Personal accident insurance
- ? Salary advance.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/HR%20manual%20V4.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

80

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

12

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.)

158

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

Internal Audit is conducted by officials deputed from Trust office periodically and the reports are obtained before conduct of the external audit which is normally done after the annual

closure of the accounts in all respects. External Audit is conducted by the Statutory Auditors after 30th June and the reports are prepared and updated by 30th September of the subsequent year and the account statement are disclosed in the website. During the course of Internal Audit, all required steps are taken to regularize the accounts and to obtain confirmations for the credit balances, to collect documentary evidences wherever inadequate in respect of payments, compliance of T.D.S. and Statutory Formalities and Reconciliation of Unit wise balances with the Control Accounts and Bank Reconciliations. The copy of the Internal audit report covering all matters related to maintenance of accounts is prepared. Subsequently, External Statutory Audit is conducted by the auditors and the final audit report with audit findings are submitted to the Management. The consolidation of the findings of the Institutions with Trust Central office has been completed and the annual returns have been submitted to Income tax Authorities and to the other relevant authorities concerned.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/Expenditure%20Details%2023-24.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	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Fees Collections

Students are admitted as per the Tami Nadu Government prescribed Higher Education norms by admitting 50% of students through Anna University Counseling (TNEA) and 50% through Consortium of Self-Financing Professional, Arts and Science Colleges in Tamil Nadu.

Term Loan and Hire Purchase Loans

Institute is getting above Loans from Banks with reduced rate of interest by maintaining the liquidity, DSCR and Debt Equity Ratios which are sound and the Loans are availed through Christian Educational Trust.

Non-Government Bodies and Sponsorship Receipts

Donations are received from well-wishers (alumni and others), industries, individuals and philanthropists for institutional activities.

Corpus Donation of Trust and Trust Contribution

The College is functioning under the Christian Educational Trust at Rasipuram Taluk , Namakkal, Tamilnadu. The Trust gets corpus donations from well-wishers, corporates and philanthropists.

Optimal Utilization

Recurring Expenses

Salary to staff, academic activities and payment of bank interest are done with fees collection.

Infrastructural development facilities and Building construction works

Management allocates budget to create and upgrade the infrastructural facilities in tune with the modern trends and for construction works. Bank loans and corpus donations received from well-wishers and philanthropist are judiciously utilized for the same.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/Expenditure%20Details%2023-24.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)

Internal Quality Assurance Cell (IQAC) has significantly contributed for institutionalizing the quality assurance strategies and processes by implementing quality scheme and practices. IQAC is one of the major policy making and implementing unit in our college. IQAC encourages various committees/cells of the institute and alumni association to organize awareness programs, camps, extension and service oriented activities.

- Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.
- Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.
- Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak.
- Increased use of ICT for Teaching-Learning and evaluation Process.
- Encouraging research atmosphere in the institution.
- Monitoring the co-curricular, extra-curricular, extension and sports activities.
- Enrichment of NSS and IIC.
- Conducts periodical review meetings with senior professors, head of the departments, other experts and students on quality parameters.
- Promotion of Research and Development activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/IQAC%20MoM%2023-24.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

Internal Quality Assurance Cell (IQAC) being the central body within the college monitors and review the teaching-learning process regularly. This involves examining the curriculum, teaching methods, assessment strategies, and other aspects of the learning process to identify areas for improvement. Implementation of pedagogical initiatives and various instructional methods is a crucial aspect of improving the quality of education in an institution. Some common pedagogical initiatives include:

- Collaborative learning involves promoting teamwork and collaboration among students, encouraging them to learn from each other and share their knowledge and skills.
- Encouraging students to earn online certifications can provide them with an opportunity to develop new skills and knowledge outside of the classroom.
- Continuous evaluation comprising of internal assessment tests, assignments, group discussions, and seminar presentations.
- Providing additional support to weaker students can help them catch up with their peers and succeed academically.
- Providing challenging tasks, additional reading materials, and mentorship opportunities to bright students can help them reach their full potential and excel in their academic and professional careers.

By implementing these strategies, our institution can create a more supportive and engaging learning environment that promotes student success and achievement, regardless of their background or skill level.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/AAA%20audit%202023-2024.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 institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%206/IQAC%20annual%20report%2023-24.pdf
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

1. Safety and Security

- A team of security guards ensures the security of the students and staff members.
- Special attention is given to the students those who are staying in the Hostel.
- Separate hostel for boys & girls with sophisticated room with all facilities.

- Entire campus is covered with sufficient lighting during the night time arrangements.
- Study duties are allotted for HoDs' and Faculties to monitor the study hour.
- Transportation is provided for the needy in emergency.
- CCTV cameras are installed in all over the campus for monitoring purposes.

2. Counselling

- Faculty members are assigned as Mentors for a group of 15 to 20 students. All the mentors maintain student's details such as parents name, addresses, contact numbers, details of their assessment marks and their progress in Curricular and Co-curricular activities.
- Mentors are monitoring and guiding their students continuously and counseling them to improve their attendance, Individual talents / skills etc.
- All the mentors act as good motivators to inculcate and develop their co-curricular, extra-curricular and other activities along with the regular academic works.
- The students are always feel free and liberty to meet their mentor for any sort of help and guidance.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://gct.org.in/gct_new/AQAR%2023-24/Criteria%207/7.1.1.1%20Consolidated.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)

1. Solid waste management:

Solid waste management is the process of collecting, treating and disposing of solid materials which is taken care in the Institution. Improper disposal of solid waste can create unsanitary conditions in turn leads to pollution of the environment and outbreaks of vector-borne diseases.

2. Liquid Waste Management:

Due to the increase of water usage, the volume of sewage increases and safe disposal of sewage has become a cause of concern. The appropriate reuse of treated sewage is the obvious and eminent solution. Our Institution has two Sewage Treatment Plants (STP) to recycle the waste water.

3. E-Waste Management:

Disposal of e-waste is an emerging global environmental and public health issue and has become the most rapidly growing segment of formal municipal waste stream in the world. The life of the electronic items is extended by doing proper maintenance. The harmless items are used in the laboratories for demonstration purpose. The out dated computer mother boards, RAM, hard disks and processors are used for the purpose of hardware assembly training.

4. Waste recycling system:

- Reduce, Reuse, Recycling is the process carried out for the solid, liquid and E-waste

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

A. Any 4 or all of the above

Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	
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: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	A. Any 4 or All of the above
File Description	Documents
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: <ol style="list-style-type: none"> 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).

The institute has prioritized creating an inclusive environment for students, faculty, and the public, emphasizing harmony in social, regional, linguistic and cultural events.

NSS Volunteers from our institution have been actively involved in various community service activities, demonstrating their commitment to social responsibility. In July 2023, three volunteers donated blood in an emergency situation at Bharat Blood Bank, Namakkal. The NSS unit also conducted an awareness program, "Meri Maati Mera Desh 2023," in a Village.

The volunteers contributed their services to organize several events, including "Arupathu Moovar Peruvizha - 2023," "Lord Krishna Janmashtami 2023". They also participated in a blood donation camp, collecting 80 units of blood for the Government Hospital's Blood Bank, Rasipuram.

Additionally, the NSS and YRC units jointly organized an awareness program on National Deworming Day and conducted a rally on energy conservation and environmental protection. The volunteers enthusiastically participated in the Pongal festival celebrations, showcasing their skills and embracing cultural values.

These activities demonstrate the dedication of our NSS volunteers, students and faculties to serving the community and promoting social welfare. Their selfless efforts have made a positive impact on the lives of many individuals and contributed to the betterment of society.

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:

Environmental Science and Engineering, Professional Ethics in Engineering for the following department (ECE, EEE, CIVIL, MECH, CSE, BM, FOOD, CHEMICAL) through which we enhance the Sensitization of students. The students are trained to adhere to constitutional obligations.

The Institution encourages multicultural celebrations in the campus. Students join together to improve society of nation and cultures. Indian great personalities' life history is shown to the young minds.

A GOOD CITIZEN

A good citizen is the one who is helpful and broad minded. He stays calm and doesn't make others harder. It is the responsibility of every person to keep its area clean. The good citizen is the one who abides by all the rules and laws of the country.

LAW

It is the duty of ever citizens to help the administration for maintenance of law and order; the primary function of the State.

ENVIRONMENT

Environmental scientists work on subjects like the understanding of earth processes, evaluating alternative energysystems, pollution control, natural resource managementand the effects of global climate change.Science is the explanation of the physical world, while engineering encompasses applications of science to achieve results. Water is a valuable natural resource that is found in different forms in the environment.

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

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

- Our Institution has students from different parts of India. The Institution encourages multicultural celebrations in the campus. Our students work towards clean and better India. They intend to improve the society, nation and culture. Indian leaders biographies are being discussed with the young minds through the programmes conducted on these special days. Ever since our school days, we are told that on the days of national festivals we should remember all those who sacrificed their lives or a part of their lives to freedom our country from the British. We should also remember them on the days they were born and the days when they were demised after serving the country. The reason we celebrate festivals is because the majority of them are more or less religiously centered and thus welcome to honor our religions. Festivals also give a sense of enjoyment, relaxation and offer the time needed to bond with family members whom we never really see. These Celebrations will help students to have a good understanding about the culture, characteristics and purpose of celebration. So our college is concerned with great personalities anniversaries and festivals celebrated in front of students and teachers to make them service minded.

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

7.2.1. Student Talk

Student talks offer a platform for young minds to articulate their ideas, research findings, or perspectives on various subjects. During these talks, students share insights into their academic projects, discoveries, or personal experiences, contributing to a vibrant academic community. Through engaging discussions and Q&A sessions, students showcase their ability to convey complex information effectively. Whether presenting research findings, sharing insights, or engaging in debates, students hone their ability to convey complex concepts in a clear and concise manner. In essence, student talks go beyond the classroom, shaping well-rounded individuals equipped with effective communication and analytical prowess.

7.2.2 Peer Group Counselling

Peer group counselling is a valuable approach in addressing various challenges faced by individuals within a shared community. This form of counselling involves peers providing support, understanding, and guidance to one another, creating a supportive network that fosters personal growth and well-being.

Importantly, peer group counselling complements formal counselling services. While professional counsellors provide expert guidance, peers offer a unique form of emotional support and understanding.

By fostering a sense of community, encouraging empathy, and promoting effective communication, this approach contributes positively to individuals' emotional well-being and helps

create resilient, empowered communities.

File Description	Documents
Best practices in the Institutional website	http://gct.org.in/gct_new/AOAR%2023-24/Criteria%207/Peer%20Counseling.pdf
Any other relevant information	http://gct.org.in/gct_new/AOAR%2023-24/Criteria%207/STS%20%26%20PGT.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)

Gnanamani College of Technology is committed to fostering community involvement and social responsibility. Throughout the year, the institution participates in initiatives that raise awareness about critical social issues.

Some notable activities include:

Observing the International Day Against Drug Abuse and Illicit Trafficking with a human chain formation. Organizing an awareness program titled "Meri Maati Mera Desh" at Pachal village. Participating in cultural events like "Arupathu Moovar Peruvizha" and "Lord Krishna Janmashtami" celebration. Celebrating Teachers' Day at Vallalar Temple.

The college also addresses health and environmental issues through:

Conducting an eye camp with the Indian Vision Institute. Organizing a General Medical Camp with Manipal Hospital. Hosting an "Energy Conservation Awareness Rally" with the Tamil Nadu Generation and Distribution Corporation Limited. Marking Wetland Conservation Day and raising awareness about Manjappal. Organizing an "Awareness Camp on Women Entrepreneurship" for women empowerment.

File Description	Documents
Appropriate link in the institutional website	https://gct.org.in/gct_new/AQAR%2023-24/Criteria%207/7.3%20FINAL.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- To facilitate Faculty and Student Exchange programmes with other academic institutions and linkages.
- To facilitate sustainable upgradation of the college.
- To strengthen the Alumni Association and increase Alumni engagement.
- To promote Research by students and Faculties.
- To provide amenities and sports facilities in harmony with nature.
- To continue to provide congenial learning environment for holistic development of Students, Faculty and Supporting Staff.
- To inculcate online learning such as NPTEL, SWAYAM and MOOC courses to students.
- To monitor Quality Assurance and Quality Enhancement activities of the Institution and to obtain better NIRF Ranking.
- To continue to provide formal education to needy and deserving students, by providing - fee concessions, fee waiver, book bank facility, etc
- To create an Incubation Centre/ centre of excellence for new ideas to be translated into business ideas.