YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	GOVERNMENT COLLEGE OF TECHNOLOGY
• Name of the Head of the institution	Dr.P.Thamarai
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04222432221
• Alternate phone No.	04222453040
• Mobile No. (Principal)	9486558500
• Registered e-mail ID (Principal)	principal@gct.ac.in
• Address	Government College of Technology, Thadagam Road
• City/Town	Coimbatore
• State/UT	Tamil Nadu
• Pin Code	641013
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	30/05/2018
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Grants-in aid**
• Name of the IQAC Co-ordinator/Director	**Dr. R. THENMOZHI**
• Phone No.	**04222432221**
• Mobile No:	**9443440631**
• IQAC e-mail ID	**iqac@gct.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://gct.ac.in/sites/gct.ac.in/files/aqar_report-2019-20%20%281%29.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.ac.in/academic-schedule

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.21**	**2018**	**02/11/2018**	**01/11/2023**

6.Date of Establishment of IQAC	**14/11/2017**

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
Government College of Technology, Coimbatore	TEQIP III	MHRD (58 Months)	01/04/2017	70000000
CIVIL ENGINEERING	MODROB	AICTE (2 Years)	20/07/2020	1990000
COMPUTER SCIENCE AND ENGINEERING	RPS	AICTE (3 Years)	02/08/2017	637353
COMPUTER SCIENCE AND ENGINEERING	RPS	AICTE(3 Years)	01/04/2019	634300
INDUSTRIAL BIOTECHNOLOGY	RPS	AICTE (2 Years)	14/08/2020	588000
INDUSTRIAL BIOTECHNOLOGY	S & T Project	TNSCST (2 Years)	29/03/2021	204000
CIVIL ENGINEERING	TEQIP COE - ES	MHRD (58 Months)	01/04/2017	2,00,00,000
ELECTRICAL AND ELECTRONICS ENGINEERING	TEQIP COE - AER	MHRD (58 Months)	01/04/2017	2,00,00,000

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)

Programmes like workshops, seminars are organised Faculty members have been motivated and facilitated to attend faculty development training programmes and workshops in reputed organisations with financial support.

Students of all the branches have attended internship programmes in various Organisations.

Placement Cell has organised workshops related to Entrepreneurship activities, career Awareness programmes with the financial support from TEQIP.

Students are motivated to participate in Smart India Hakathtan competitions, etc.,

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
• Initiation should be taken to get Accreditation for more Departments.	• SAR submitted to NBA for 3 UG and 2PG Departments in April 2021 and expecting NBA committee visit on October/November 2021.
• Faculties should be motivated to publish the research articles in high impact factor journals.	• Totally 96 papers have been published in national and International journals with the impact factor ranging from 0.1 to 5.0 in the academic year 2020-2021.
• Employability Skill Test programmes to students of all branches.	• The placement percentage has improved to 5% in 2020-2021 through the Employability Skill Test and Training.
• Participation in the programmes organised by other Institutions.	• Many faculty members attended FDP, Workshops, Training Programs etc in reputed organizations.
• Faculty members are motivated to register for online course for quality improvement and Career advancement.	• 68 faculty members have obtained certificates by participation in the online SWAYAM and NPTEL courses.
• Students should be motivated to participate in Competitions.	• Many students of GCT, CBE have participated in various completions and won Prizes/Awards. To cite few, Y's Service club of GCT Youth hunted 12 awards in YSDOM's 41st West District Conference.
• Every department should sign MoU with minimum 2 companies per year. All the departments have signed MoU with minimum of one company and some departments have signed two MoUs in the academic year 2020-2021.	• All the departments have signed MoU with minimum of one company and some departments have signed two MoUs in the academic year 2020-21.
• Each department should organize Conference / workshops / FDP in every academic year.	• All the departments have organized Faculty Development Training programs/Workshops

	etc., and few Departments have organized International Conferences and Workshops.
• The average pass % of passed out students should be more than 90%.	• The average pass % of passed out UG students in 2020-2021 is 91% and PG Students is 94%.
• Training Programmes should be organized for students to compete in competitive examinations like GATE, TOFEL, CAT,MAT, etc., and to improve placements.	• GCT Alumini Association conducted student Mentorship Program 2021 and Alumini Relations Cell conducted online training sessions for GATE, Higher Studies and Placements for Students.
• E-resource content in Library should be enhanced.	• GCT has been selected for subscription to SCOPUS for one Year and subscriptions to e-resources under AICTE e-Shodh Sindhu Scheme

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
External Peer Review Committee	08/10/2021

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

- Year

Year	Date of Submission
09/02/2019	09/02/2019

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**2**

2.Student

2.1 Total number of students during the year:	**3050**
2.2 Number of outgoing / final year students during the year:	**853**
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**853**

3.Academic

3.1 Number of courses in all programmes during the year:	**20**
3.2 Number of full-time teachers during the year:	**156**
3.3 Number of sanctioned posts for the year:	**209**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**634**
4.2 Total number of Classrooms and Seminar halls	**68**
4.3 Total number of computers on campus for academic purposes	**1350**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**242.73**

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.

The curricula have been formulated in accordance with the guidelines of AICTE, affiliating university and, in alignment with the vision and mission of the Institution. Considering the technological advancements, the curriculum is shaped in the form of Humanities, Basic and Engineering Sciences, Mathematics, Professional Core, Professional and Open electives and Employability Enhancement courses with the emphasis on overall development and knowledge

acquisition. The curriculum also includes, Mini projects, laboratory and project work. The core courses in the curriculum provide technical knowledge in the chosen program. Students learn important concepts in professional core courses and advanced concepts in professional/open elective courses. With a view to promote self-learning, students can opt for SWAYAM/NPTEL online courses.

A set of PEOs, POs and PSOs are formulated for every programme based on the 'outcome based education' approach. Course objectives and outcomes, are prepared for each course following the appropriate levels of Blooms taxonomy. The question papers follow various levels of Bloom taxonomy. Systematic procedures have also been devised for assessing the attainment of PEOs, POs, PSOs and COs. The appropriate corrective measures are implemented based on the attainment levels perceived every year.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	https://gct.ac.in/regulations-2018

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

4

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

284

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

2

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

20

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

Institution integrates cross cutting issues relevant to professional ethics, gender, Environment and sustainability, human values into

the curriculum:

In order to integrate the cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics, the Institution offers different types of courses in the curriculum like Environmental Sciences and Engineering, Professional Practices, Professional Ethics, Humanities, Youth Empowerment for Yoga Practice, etc., thereby leading to the holistic development of students. The Additional Activity Points programme which is embedded in the regulations ensures skill development and societal commitment of the students.

1. Gender issues

Anti Gender Harassment Committee/Prevention and Prohibition of Sexual Harassment of women employees and students was constituted and functioning in formal since 2017. This committee addresses gender related issues and registers complaints with respect to gender harassment at work and suggests punishments. Women Empowerment Cell was constituted and functioning in formal since 2017. This provides a platform for hands-on experiences related to gender sensitivity which enable students to interface with real life situations. The programmes are organized through Women Empowerment Cell periodically.

2. Human Values and Professional Ethics

A course on "Professional Ethics" and "Humanities" are offered as subjects to the students to take during the programme of study. Social development activities like blood donation camps, health check-up camps, hygiene and health workshops, environment awareness camps, workshops on social issues, public health, gender issues are organized periodically. All the activities are monitored by faculty in-charge at each institution/campus. As an integral part of student engagement in social activities during their programme of study, college also facilitates the students to enroll as NSS/NCC Volunteers. It aims at inculcating values, ethics and socially responsible qualities. Students organize street plays, awareness campaigns, debates etc. Human values activities by students are being conducted since inception.

3. Environment and sustainability

A course on Environmental Sciences and Engineering is included in all UG programmes. In order to sensitize students about the environment and sustainability issues, a number of activities such

as seminars, workshops, guest lectures, industry visits and field excursions are organized for students of all programmes.

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	**No File Uploaded**

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

5

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

248

File Description	Documents
List of students enrolled	View File
Any additional information	**No File Uploaded**

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

1307

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	**No File Uploaded**

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://drive.google.com/drive/u/2/folders/1E45Bw34HlktA0r2_7ovXxMK6RgLekYEb
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://drive.google.com/drive/u/2/folders/1E45Bw34HlktA0r2_7ovXxMK6RgLekYEb
Any additional information	No File Uploaded

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

690

File Description	Documents
Any additional information	No File Uploaded
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)

653

File Description	Documents
Any additional information	**No File Uploaded**
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.

Here we believe in outcome-based learning processes, where we categorize the students through valid support from Faculty advisors, based on the prerequisite tests, class interaction and test performances.

Strategies for slow learners

Remedial Classes are conducted to improve the academic performance of the slow learners, absentees and students who participate in Extra-Curricular activities and to help them to catch up with their peers.

Strategies for advanced learners

1. Skill Development Programme like Communicative English, Aptitude are conducted.
2. Trained for placement, GATE and other competitive exams.
3. Assignment and Student Seminars on contemporary topics to enable them for placement.
4. The academic achievements of the students are extremely motivated by honoring them with Medals on Award day ceremony and Graduation Day.
5. Appointed as member in board of studies and office bearers of student council, department association and various professional bodies to develop their communication, leadership & team building skills.
6. They are encouraged to participate in:

1. MOOC Courses under Swayam platform.
2. Various Seminars/ Conferences/ Workshops/ Inter-Collegiate Competitions.
3. National /International level hackathons and competitions.
4. Debate, Group Discussion, Problem Solving – Decision Making Exercises and Quiz Programmes.
5. Extra-curricular activities, exhibitions and cultural

competitions.

6. Innovative projects and other technical initiatives of the Institute.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/05/2021	3050	156

File Description	Documents
Upload any additional information	No File Uploaded

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:

GCT provides platform to grow, develop skills and nurture values that shape young minds. Student oriented innovative programs to stimulate creativity, enhance problem solving capabilities and ensure participative learning are conducted. Following student centric methods are adopted:

Experiential Learning:

1. Beyond syllabus laboratory sessions and periodic Industrial visits
2. Hand on training through summer internships are made compulsory
3. Student clubs like Society of Automotive Engineers, Institute of EEE, Robert Bosch IRSC, e-yantra Robotics and IoT instigate the spirit of innovation
4. Value added Certificate courses from MOOCs, NPTEL, edX, MNCs like Microsoft/ Google/ NSE etc., enhance subject knowledge
5. Participation in Simulated stock exchanges and hackathons help students work on real life scenarios

Participatory Learning:

1. **Techfest, Symposia for Paper, Project and Poster presentations for every department is conducted annually and students are encouraged to take part in Inter-college / Nationwide conferences, seminars too.**
2. **To enhance student Managerial skills activities like English Literature Society and Tamil Mandram events are held to inculcate extra-curricular skills**

The Annual cultural program organized for students is an arena for creativity

Problem-solving Skills:

Student Mini Project development, Solution to Environmental Problems, Regular Quizzes, Case studies, Debates, in inter-intra college help students acquire problem solving qualities.

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

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The following tools are used by the Institute,

ICT Tools:

Number of teachers using ICT (*LMS, e-Resources*)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used

| 156 | 4 | 20 | 7 | 156 |

Use of ICT By Faculty

1. Power Point Presentations- Faculties use power-point presentations for teaching using LCD's and projectors. Access to online search engines and websites is provided through digital library.

2. Industry Connect- Guest lectures, expert talks and various technical competitions are organized for students in the well-equipped seminar and conference halls.

3. Online quiz- Online quizzes are conducted for students after the completion of each unit through GOOGLE FORMS/ Yahoo+/

4. Video Conferencing- Student Counselling is offered via Zoom / Google meet applications.

5. Video lecture- Recorded Video Lectures are made available for long term learning and future referencing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	gct.ac.in/mooc-courses
Upload any additional information	**No File Uploaded**

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

2.3.3.1 - Number of mentors

70

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

An Academic committee is formed constituting the Principal, Vice Principal, HODs, Industrial experts and university nominees to formulate academic regulations, curriculum, academic schedule, monitor teaching and learning quality.

1. Academic calendar

The Academic Committee collects the plan of action and puts forth a well-planned Academic calendar which is displayed in the notice boards and website for student access.

The calendar clearly covers the days of instruction, holidays, examinations and vacations.

In case of unforeseen situations necessary changes are made by the authorities and is displayed in the notice boards and websites.

2. Teaching Plan

   A unit-wise teaching plan of the course content, spread over the allotted lecture hours, is prepared to ensure a uniform pace of teaching by the respective faculty as directed by the HODs before commencement of semester course work.

An Outcome Based Education prescribed by NBA includes following:

   1. Course prerequisites
   2. Course objectives, Course outcomes and mapping with program outcomes
   3. Learning resources and delivery methodologies like LBD
   4. Assessment methods
   5. Unit wise lecture plan
   6. Assignment, tutorial and model questions
   7. Link to video lectures
   8. Additional information
      Internal Audit Committee will audit the Academic plans of each faculty and the audit reports are submitted to the Principal, for follow up action.

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

156

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	**No File Uploaded**

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

81

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	**No File Uploaded**

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

1400

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	**No File Uploaded**

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

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	**No File Uploaded**

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

0

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	**No File Uploaded**

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

Choice Based Credit System
The regulations and curriculum has the following provisions
Add/Drop courses, Self-study courses, Internship, Project/Mini Project, Field visit, Language Laboratory, Withdrawal of courses, In plant Training, Break of study permitted, Credit Transfer, Open Electives, Additional Activity Points, Value added courses, SWAYAM/MOOC courses, Audit and mandatory courses as per the AICTE model curriculum
The quality of the question paper is ensured through two level Question paper scrutiny process.
Transparency in examination evaluation system
All the Students are free to review the valued answer scripts without any additional fee on the reopening day in the presence of the respective Course Incharge, from the academic year 2016-17 onwards
Students are permitted to receive the photocopy of the valued Answer Scripts at nominal fees
Students can apply for revaluation. The results will be intimated to the student concerned through the Head of the Department within 5 working days from the last date of application of revaluation.

Challenging the revaluation is permitted. In such a case, Join Revaluation is carried out by two subject experts and the results are declared within 2 days.
Refund of 50% Fee, if the failed candidate gets pass mark after revaluation.
Auditing the end semester question papers and answer scripts valuation.
Relative grading system is followed

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://portal.gct.ac.in

2.6 - Student Performance and Learning Outcomes

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

Course Outcomesare framed for all courses in the program during the commencement of the semester based on Blooms' Taxonomy which includesvarious levels like:

•Remember

•Understand

•Apply

•Analyze

•Evaluate

•Create

HOD along with subject faculties and domain experts discuss and frame the Course Outcomes.Mechanism of Communication of all Learning Outcomes (PO, PSO, CO) among faculty, staff, and students

•Students are educated with the outcomes of each coursebefore the commencement of the subject.

•POs and PSOs are displayed at prominent places like HOD Room, Seminar Hall, Class room, Laboratories, Faculty Rooms.

•PO, PSO, CO are included in Lesson Plans ,Lab Manuals, Course files, Course End Survey, Alumni Survey etc

•It is displayed in Institution Website

•These points are discussed using Alumni meet and feedbacks are taken from alumni to ensure whether the outcomes are met.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

Course outcomes identify the unique knowledge and skills expected to be gained from a given course. Programme outcomes are one step broader statements that describe what students are expected to know and be able to do upon the completion of a specific program. Programme specific outcomes are what the students of a specific programme should be able to do at the time of studying in the programme. Programme outcomes and programme specific outcomes are attained through the attainment of course outcomes. Measurement of attainment of POs, PSOs and COs is done through formative and summative methods. Analysis of students' performance in internal tests is continuous assessment. Maximum 150 marks are allotted on three internal examination and 45 marks on three assignments and 15 marks for Quizes. Analysis of terminal examresults is also done. After the analysis, strategy for improvement is made and implemented. All the assessments are analyzed regularly. The analysis of students' performance in semester examination is done to know the levels of attainment of POs, PSOs and COs. Each department analyses the result of the students for each subject.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

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

845

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	**No File Uploaded**
Paste link for the annual report	https://gct.ac.in/annual-report-2020

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.ac.in/students-satisfaction-survey

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

Research in Government College of Technology, Coimbatore is promoted at department levels through curriculum based undergraduate research projects and internship projects. Almost all the students from various branches were benefitted through this approach.

The faculty and students were given freedom to choose the research area of their choice and guidance is given to seek funding from various funding agencies and industries. The institute takes care of patent filing process, which is governed by the Research policy of the institute. At institute level departmental seminars and community outreach programmes were organized.

College also facilitates the participation of the faculty members in seminars, conferences, workshops, etc. at national and international levels. College encourages staff and students to attend national and international conferences to present their research work. Two centre

of excellence programmes CoE-ES and CoE -AER were established and is in progress in past two years. Centre of excellence were initiated to apply for other departments. In addition to the above, the Institute provide physical infrastructure for students and faculty involved with research. This enhances interactions that is very critical to research.

Basic facilities required for research area will be provided to faculty members and research student for utilization which is purchased under TEQIP I, II and III. Centralised facilities include library with a rich collection of physical and electronic subscription to journals, abundant bandwidth and high connectivity are also available.

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.ac.in/bog-minutes
Any additional information	No File Uploaded

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)

1.7375

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	No File Uploaded

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

NIL

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)

10.2

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	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

6

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://gct.ac.in/sponsored-research
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

38

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

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

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://gct.ac.in/research
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

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

The institution has separate innovation and incubation cell. Required facilities and guidance were provided to uplift the students level. Most of the students apply their knowledge based on the societal needs. Necessary facilities such as peer reviewed journals were provided for reference for their development. Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized by the EDC. Vast Alumnus of GCT

support the students by sharing their experience on their entrepreneurship in their fields. Students are provided opportunities to directly interact with outstanding entrepreneurs to excel in their field.

The key objective of Incubation Centre is to collect innovative ideas from students and adapt their innovative ideas into Technological Innovations. Students develop their innovative ideas as a prototype that can be useful for Agriculture and Rural Development. Students were awarded prizes for best models after showcase their talents through workshops held at various colleges.

All the departments in Government College of Technology were the recognized Research Centres under Anna University, Chennai, Tamilnadu and most of the students were uplifted in their research carrier. Students carried out their innovations in designing won cash prize in a National Level event NAVYANTRA, a hardware hackathon with an open problem statement conducted by Indian Institute of Technology, Dhanbad. During the last five years around 100 PhD's are produced by the research centres established in the college and 132 research scholars are working actively in research centres under 35 recognised guides.

Intra-level competition will be held among students to participate in HACKTHONs through Student Research Foundation cell. In addition to this, students are participating in various activities at national and international level every year and get inspiration about innovations.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gct.ac.in/vision-and-mission-5

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	No File Uploaded

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	C. Any 2 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	No File Uploaded

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

11

File Description	Documents
URL to the research page on HEI website	https://gct.ac.in/research
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

70

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

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

18

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://gct.ac.in/books-published-gct-authors

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

2176

File Description	Documents
Any additional information	**No File Uploaded**
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

47

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

3.5 - Consultancy

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

1,03.22

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

10

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	**No File Uploaded**

3.6 - Extension Activities

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

Our students are involved in Green Club, Literary and Debating Society, Students Research Foundation, NSS, NCC, YRC. Each department will organize a National Level Technical Symposium every year and get exposed to recent trends.

Every year National Days such as Independence Day, Republic Day, Sadbhavana Diwas, Social Justice Day, Anti corruption Day, National Unity Day, National Integration Day, Voters Day, Abolition of un-touchability, Anti-Giving Day, World Day again child labour and so on.

Karam kodu is an event organized by NSS,where this event mainly focuses on helping the needy at any level. Tree plantation drive were organized by /green club around 1000 trees were planted during this event. Road safety awareness programme and health awareness camp were conducted by Rotaract Club.

Various other activities were organized by various clubs, help the students to get awareness on social issues for their development.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/drive/folders/1eCZH KOshFQydq7HdPV_Vs_U6-AwROrCr

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

2

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	**No File Uploaded**

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)

147

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	**No File Uploaded**

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

6842

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

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

253

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

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)

22

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.

Facilities	Existing	Newly added	
Campus area	45 Hectares	Nil	
Class rooms	68	Nil	
Laboratories	67	Nil	
Seminar Halls	11	Nil	

Classrooms with LCD facilities	43	Nil	
Classrooms with Wi-Fi/ LAN	68	Nil	
Seminar halls with ICT facilities	11	Nil	
Video Centre	2	Nil	
No. of important equipments purchased (? 1.0 Lakh) during the current year.		14	
Value of the equipment purchased during the year (Rs. in Lakhs)		Rs. 42,32,287/- (Rs.42.32 Lak	
Others			

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

The department of Physical Education offers facilities for various games and track events.

An open-air Gymnasium equipped with parallel bars and horizontal bars afford ample scope to those who are interested in Gymnastics.

A spacious stadium provides space for about 800 spectators to witness the proceedings at the college grounds. There is also a well equipped Indoor gymnasium.

The College auditorium has a seating capacity of about 850. It is equipped with a 35 mm projector and a wide screen, which is utilized for screening pictures.

Floor area : 1027 sq. m.
Area of cabin : 12 sq. m.
Area of stage : 50 sq. m.
Sound system : 100w
No. of green rooms : 2

File Description	Documents
Geotagged pictures	View File
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

11

File Description	Documents
Upload any additional information	**No File Uploaded**
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)

Rs. 1064.27641/-

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)

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automatio
Dolphin Software Solutions Pvt.Ltd.	Fully	2.0.50727.5483	2017 (24.03.2017)

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	**B. Any 3 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)

4.23775

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

160

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

Institutional Website:

Government College of Technology, Coimbatore uses web-based technology as a tool to support its missions of teaching, research, scholarship, artistic creation, professional practice, and service to the community. The Institutional Website is maintained by Enova SolutionsPvt Ltd, Coimbatore. Designers from Enova Solutions Pvt Ltd are responsible for designing/creating content that meets web usability and accessibility standards, ensuring the accuracy and timeliness of the information presented, publishing pages that represent professional design and quality, ensuring that web materials comply with Institute policy, privacy and , information security.

Institute Website Management Committee:

The College Website Committee will be responsible for overseeing, interpreting and revising current website policy. The College Website Committee will be responsible for adding new policiesif necessary and to respond to issues pertaining to website operation in general or to the Institute website in particularThe Website is managed/maintained by the following Institute Website Management Committee members:

1. Dr.P.Thamarai, Principal, Government College of Technology, Coimbatore.
2. Dr.R.Thenmozhi, Professor and Head, Structural Engineering.
3. Dr.J.C.Miraclin Joyce Pamila, Professor, Computer Science and Engineering.
4. Dr.A.MeenaKowshalya, Assistant Professor, Computer Science and Engineering.

To publish any content int the Institute Website, the above mentioned hireacrchy if followed. After careful scrutiny of the information content and through proper channel the informations are published/ updated in the Institute Website

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3050	1350

File Description	Documents
Upload any additional information	No File Uploaded

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

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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

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

227.31

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.

Information available in institutional Website

Maintenance of Infrastructure

The College give great prominence to creation, maintenance and upkeep of the entire infrastructure necessary for the effective teaching-learning, positive development and efficient maintenance. The PWD Wing and Directorate of Technical Education is monitoring the maintenance of buildings, classrooms and laboratories. A Building committee consisting of 5 expert members scrutinizes all proposals for new constructions and modifying existing buildings. A few specific initiatives undertaken to improve the physical ambience in the last five years are:

- Concreting of the parking area
- Colouring of buildings
- Changing window shutters
- Renovation of washrooms
- Planting of new trees

Physical infrastructure repair work is carried out by PWD- Buildings and Electrical wing.

Maintenance of computing facilities

AMC contract is given to external agency for the maintenance of computers and printers within the college. To maintain internet connectivity in all computers and CCTV security system, a network and system administration team is appointed. LCD projectors, EPBX system, air conditioners and water coolers are maintained with the help of external agencies.

Maintenance of Laboratory Equipment

As and when required, the institution takes up calibration and other servicing measures for the equipment/instruments through suppliers and service personnel periodically and in some cases through annual maintenance services. The departments maintain the complete records of such services. Other laboratory equipment is maintained by technical supporting staff. In case of any repair requirement, service is hired from outside agencies.

General Security Measures

Trained Security Personnel are deployed at the college main gate, at all the department blocks, hostels and other strategic locations. Under the supervision of a security officer, they keep constant vigil all the movements inside the campus, take care of the security of all the equipment in the buildings and also check all the outsiders entering the campus. Garden maintenance is taken care of by a team of gardeners. CCTV Cameras are installed in various vantage points inside college campus. All drawing halls are provided with CCTV camera. Campus is equipped with CCTV camera on main places with 24x7 security system, necessary human power is available to take care of the facilities.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

1928

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

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

367

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	**Nil**
Details of capability development and schemes	View File
Any additional information	**No File Uploaded**

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

15

File Description	Documents
Any additional information	**No File Uploaded**
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

A. All of the above

awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

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

324

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

39

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

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

25

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

0

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

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

- All programmes have class committees for each course that comprise of student members representing meritorious as well as weak students, along with faculty members nominated by the Head of the Department, other than the course teacher. The Class Committees provide feedback on all aspects of the programme and respective course. Class Committee Meetings are held regularly, at least thrice in each semester.
- An international conference named "Environment Friendly Construction Materials, Methods and Systems-EFCMS 21" was conducted by PG structural and Geotechnical Engineering. In this conference many technical papers were presented.
- Manavarmandram had been organized various student activities during Februray 21, 2021 for students namely, Village dance, silent drama, Villupattu etc., these activities are conducted for revealing the tradition and creativity of the students. In this, we conducted many solo events and group events.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

6

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

GCT Alumni Association (GCTAA) is making tremendous contribution in preserving the glory and heritage of the institute through innumerable quality initiatives for the welfare of the students. While the year 2020 is marked as the year of COVID 19 Pandemic, GCTAA ventured it's best through online to empower the students of this institute acquire academic excellence, foster values and create global competency with the help of Legendary Alumni. GCTAA is contributing is contributing in the construction of Visitors Room KothaiyaruIllam(Hostel) and the Basketball Court is being renovated by the 1996 batch Alumni. The aesthetic portal that exhibits the Alumni participation has established a strong attachment between the present day Students and Alumni. The virtual meets organized during 2020-2021 is as follows.

- "AI - The World of Prediction Machines" by Mr.G.Laxminarayanan G -2005 Batch on 26-05-2020
- "Personal to Professional Excellence" by Mr. MujeeburRahiman -1995 Batch on 31-05-2020
- "Skills of Tomorrow" – Mr.Reghu Ram Thanumalayan -2003 Batch on 07-06-2020
- "Basics of Intellectual Property" by Mr. R. Gopalakrishnan -2001 Batch on 17-06-2020

- "Doctorate in Management" by Mr. V. Vishnu Prasad – 2015 Batch on 29-06-2020
- "Find the Right Mentor" by Mr. Vijay Ratthinam- 2000 Batch on 01-07-2020
- "Women in Technology" - Ms. VidhyaKrishnaswamy – 1988 Batch on 04-07-2020
- "Smart Way of Accessing the Job Market" by Mr.DineshHaribabu- 2012 Batch on 11-07-2020
- "The Importance of Soft Skills for Career Success" by Mr.Suresh Shankar- 1995 Batch on 21-09-2020
- "Blockchain – Introduction" by Mr. Kishore Seshagiri -1999 Batch on 26-09-2020
- "E-Commerce 101 and Building a Career in E-Commerce" by Mr.Subbu Palaniappan-1999 Batch on 12-09-2020
- "Keep Flowing" by Ms. Niranjana Balasundram -1995 Batch on 31-10-2020
- "Creating & Working in a Safe Workplace" by Ms. Niranjana Balasundram -1995 Batch on 16-01-2021
- "Stay Hungry Stay Foolish" by Mr.Kanishka Russell -2013 Batch on 26-01-2021
- " How to Land a Tech Job - Abroad" by Mr. Siva Subramaniam - 2010 Batch on 13-02-2021
- "Stepping Out of Your Comfort Zone" by Ms.MonikaMurugesan -2000 Batch on 17-04-2021
- "Demand for Fresh Engineers and Expectations from Industry" by   DrUmashankar - 2001 Batch on 01-05-2021
- "Challenges & Opportunities in The Healthcare Sector" by Dr.Janet Light -1983 Batch on 15-05-2021
- "Introduction to Big Data Analytics" by Ms.RukmaniGopalan – 1999 Batch on 22-05-2021

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year	A. ? 15 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 of the Institute

To emerge as a centre of excellence and eminence by imparting futuristic technical education in keeping with global standards, making our students technologically competent and ethically strong so that they can readily contribute to the rapid advancement of society and mankind.

Mission of the Institute

- **To achieve academic excellence through innovative teaching and learning practices.**
- **To enhance employability and entrepreneurship.**
- **To improve the research competence to address societal needs.**
- **To inculcate a culture that supports and reinforces ethical, professional behaviours for a harmonious and prosperous society.**

The institution follows a democratic and participatory mode of governance with all stakeholders participating actively in its administration to deliver value based and advance education which bring significant benefits to the society. The governing board comprises of distinguished administrators, academicians and faculty representatives. The Governing Body delegates authority to the Principal who, in turn share it with the different levels of functionaries in the college. The Heads of Departments, the Conveners of various committees and section in-charges play significant role in framing the institutional policies and implementing the same. Institute strike a balance between compliance with regulatory matters and keeping a strong pulse on improving the college's performance along with long term sustainability by forming a strategic direction towards Centre of excellence.

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

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

Empowering faculty centred practices:

All Heads of the departments are empowered to prepare budget for their departments with the concerned faculty members of the departments and lab in-charges. Further to guide the HODs, a departmental level committee has been constituted to review the requirement of purchasing of equipment for laboratories, research and for regular maintenance activities. Purchase Committee is formed to check the overall specifications of the equipment before placing it for approval process. Faculty members are given full freedom to organize various programs and to participate in programmes organized by different organizations. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular, and extracurricular activities. They are given full rights to arrange industrial visits relevant to their courses and to have tie up with industrial experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs.

Participation of Teachers in Decision-Making Bodies:

Teachers discharge an important role in implementing the vision and mission of the college and department by being the members of various governing bodies and in implementing the policies. Heads of Departments enjoy considerable administrative and academic autonomy in running their disciplinary units. Besides, teachers are members and conveners of the various committees that are instituted for the day-to-day functioning of the college. Some of these committees are the Academic Council, the Examination Committee, the Admission Committee, R&D committee, etc. Academic committee determines various innovative teaching-learning practices and pedagogical practices to be adopted. Teachers also discharge driving pervasive role as motivators for cultural and socially conscious activities in the institution by steering the NCC unit, NSS unit, Rotaract club, Women Empowerment cell, etc. The formal and informal arrangements in the premises to co-ordinate the academic and administrative planning and implementation reflects the Colleges efforts in achieving its vision.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

```
Strategic / Perspective plan:

1.          To enrich curriculum

2.          To incorporate digital platform to improve teaching-
learning process

3.          To encourage research and consultancy, industry-
institute interaction and entrepreneurship activities.

4.          To strengthen alumni engagement and enhance student
experience.

5.          To enhance contribution towards society and the
environment.

6.          To formulate development plans to improve the overall
quality of the institute

Curriculum Development:
```

1. Curriculum has been revised following the guidelines of AICTE model curriculum. More emphasis are given to employment enhancement, skill development courses in 2018 Regulations with more number of subjects in the open elective category.
2. It has been insisted to carry design of components/ structures as the mini project.
3. Feedbacks from Alumni, Industrial experts, Subjects experts from other premier institutions and student stakeholders are also considered and incorporated in the syllabus.
4. Industry based electives were incorporated in the new curriculum.

Teaching and Learning:

1. Online courses like NPTEL, Swayam etc., are helpful for enhancing Teaching and learning process.
2. Smart class room teaching and use of IoT tools are adopted.

Examination and Evaluation:

1. There is a complete transparency in the examination system, Evaluation of internal assessments for 50 through continuous assessment that includes three internal tests, three assignments and three objective type questions and end semester examination for 50. The tentative dates of internal tests and semester examinations are presented in the academic calendar well in advance.
2. Almost for all the subjects, detailed key is obtained from the question paper setter and given to the examiner during valuation.
3. The students are given opportunity to review their evaluated answer sheets immediately after the publication of results and they can apply for revaluation if they are not satisfied with the evaluation.

Research and Development:

1. All the programmes are approved by Anna University to carry out M.S. (By Research) and Ph.D.
2. Faculties are encouraged to attend National/International conference by providing funds.
3. Providing funds for Patent filing.
4. Incentives and certificates are given to faculty members for publishing books, publication of papers in high impact factor journals during the Academic Award function.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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 institution has a well marked administrative set up conforming to the norms of the AICTE and the UGC. The key components of organizational structure of the institution are Board of Governance. Principal, Head of the Departments, faculty members, Non-teaching staff and Administrative staff. It reviews the institutional strategic plan which in turn sets the academic aims and objectives of the institution and approves the financial and curriculum requirements. The organizational structure lends itself to sustaining institutional capacity and educational effectiveness through the involvement of external members in various Committees/ Boards. Various stakeholders of the institute are members of different committees constituted by the institution. The decision-making procedures are made at appropriate levels in the organizational hierarchy.

As per the university/ government guidelines, IQAC Cell, Anti-ragging Cell etc. are also in place for the institution. There are various committees with well-defined functions that give academic and administrative leadership to the institution. A committee comprising of administrative staff and faculty members are involved in the planning and implementation, academic audit and evaluation. An optimum level of decentralization is in practice through the autonomous flexibility to the departments and participative decision-making process.

For the smooth functioning and establishing quality enhancement in the institution, various Academic and administrative committees like Academic Council/Committee, Finance Committee, Autonomous Finance Committee, Building & Works Committee, Purchase Committee, Disciplinary Committee, Institutional Development Committee, Student Affairs Committee, Library Committee, Grievance Committee, Anti-Gender Harassment Committee, Faculty/Staff Development Committee, SC/ST Committee, Equal Opportunity Cell and Women Empowerment Cell have been formed and members are inducted into the committee.

Service rules, procedures, recruitment, and promotional policies:

Service rules and procedures are as defined by the State Government of Tamil Nadu. Recruitment is done by the Teachers Recruitment Board. All Promotional polices are based on the UGC 7th pay commission. All the newly recruited staff and the newly admitted students are made aware of these rules through orientation programmes. Government Orders related to service rules, procedures, recruitment, and promotional policies are available in the website (www.tn.gov.in).

File Description	Documents
Paste link to Organogram on the institution webpage	https://gct.ac.in/organization-structure
Upload any additional information	View File
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	C. Any two 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	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

Teaching	- Staff Quarters for Teaching faculty - General Provident Fund - Medical and Maternity Leave - Medical Insurance - Gratuity - Scheme of Pensions and Compensatory Pension Schem	
Non teaching	- Staff Quarters for Teaching faculty - General Provident Fund - Medical and Maternity Leave - Medical Insurance - Gratuity - Scheme of Pensions and Compensatory Pension Schem	

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

41

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

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

22

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<u>View File</u>
Upload any additional information	**No File Uploaded**

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.)

68

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	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Like purchase committee, financial committee has been constituted to allocate funds for various activities and it was placed before the Governing council for getting approval. At the end of the financial year, account details are audited by external Auditor nominated by Directorate of Technical Education and the final audited report is submitted to DOTE.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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)

NIL

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	**No File Uploaded**
Any additional information	**No File Uploaded**

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

Since it is a State Government Institution, the main sources of funds are student fees and Grant in aid from State Government as per budgetary allocations. However for meeting the upcoming requirements for research and teaching learning resources, the Institution also

mobilizes its resources through:

- Students fees
- Overhead charges from the research grants received from various government and non- government agencies.
- TEQIP III
- Consultancy works

Funds received from State government are spent on payment of salary of teaching, non-teaching and administrative staff of the institution. Each and every amount of fund received from State government is at par with budget allocation. Budget of the Institution is prepared keeping in mind developmental activities of the institution; accordingly provisions are made in the Budget, which is ultimately approved by State government, and then fund is sanctioned, which is deployed on different Heads of Expenditures in accordance with approval of various statutory committees constituted by the Institution time to time for efficient use of funds/grants received from government. The Institution follows cent percent transparency in use of funds.

Fund generated from above are principally used for maintenance and development of the Institution and students.

Optimum utilization of funds is ensured through:-

• Adequate funds are allocated for effective teaching-learning practices that include Orientation Programmes, Workshops, Inter-disciplinary activities, training programmes,

Refresher Courses that ensures quality education.

• Budget is utilized to meet day to day operational and administrative expenses and maintenance of fixed assets.

• Enhancement of library facilities needs to augment learning practices and accordingly requisite funds are utilized every year.

Main motto of resource mobilisation and optimal utilisation of resources is to put our Institution on bench mark in tune with quality teaching and unique growth of students.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) has been established in the College at the instance of the National Assessment and Accreditation Council (NAAC) as a post-accreditation quality sustenance measure. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in overall performance of the Institutions. The IQAC will make a significant and meaningful contribution in the post-accreditation phase of the Institution. During the post accreditation period, the IQAC will channelize all efforts and measures of the Institution towards promoting its academic excellence.

The objectives of the IQAC are:

· To ensure continuous improvement in the entire operations of the Institution.

· To ensure stakeholders connected with Education, namely parents, teachers, staff, employers, funding agencies, society in general, of its own quality and probity.

· To develop a quality system for conscious, consistent and programmed action to improve the academic and administrative performance of the institution.

· To promote measures for driving institutional functioning towards quality enhancement and institutionalization of best practices.

Benefits IQAC will facilitate / contribute:

· To ensure a heightened level of clarity and focus in institutional functioning towards quality enhancement and internalization of the

quality culture NAAC for Quality and Excellence in Higher Education.

· To promote measures for the functioning of the Institution towards quality enhancement through initialization of quality culture and Institutionalization of best practices.

· To provide a sound basis for decision making to improve Institutional functioning.

· To act as a dynamic system for quality changes in the Institution.

· To build a better internal communication.

Functions

· Development and application of quality benchmarks/ parameters for the various academic and administrative activities of the Institution.

· Arrangement for feedback responses from students, parents and other stakeholders on quality related processes of the institution.

· Dissemination of information on the various quality parameters of higher education.

· Documentation of the various programs/activities leading to quality improvement.

· Organization of workshops, seminars on quality related themes and promotion of quality circles.

· Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.

Strategies of IQAC

1. Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.

2. The relevance and quality of academic and research programmes.

3. Equitable access to and affordability of academic programmes for various sections of society.

4. Optimization and integration of modern methods of teaching and learning.

5. The credibility of evaluation procedures.

6. Ensuring the adequacy, maintenance and functioning of the support structure and services. 7. Research sharing and networking with other institutions in India and abroad.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

Academic audit are conducted once in a year comprising of one internal audit and one external audit each semester for enhancing the quality of the programme. The Academic audits are conducted as per ISO standards and evaluated. Detailed audit was conducted on the curriculum, development of student programmes, Teaching learning evaluation processes and faculty academic improvement programmes as listed below.

The List of documents verified by the above audit committee

	CURRICULUM & DEVELOPMENT	
1.	Regulation & Syllabus book	
2	updated entries of amendments, PEO, PO and CO reviews	
3.	Availability of Curriculum revisions info.	
4.	Modern methods of Curriculum delivery	
5.	Preparation and adherence to Academic Calendar by the institution	
	STUDENT ASPECT	
1	Evidence for students completing NPTEL courses	
2	Number of students clearing NET/UPSC/CAT/GATE/GRE/IELTS Exams	
3	Adequacy of guest/technical lectures arranged for students	
4	Adequacy of industrial visits arranged for students	
5	Placement Services provided to students	
6	Adequacy of workshops conducted on Entrepreneurship/ IPR/ Innovative Practices	
7.	Students Extra Curricular / Co-curricular Achievements	
	TEACHING - LEARNING - EVALUATION PROCESSES	
1.	Students biodata file	
2.	Course file of all subjects	
3.	Copy of Time Table	
4.	Students attendance	

5	Unit Test Question papers / Answer Scripts	
6	Copy of assignment and Quiz questions/scripts	
7	Overall Internal assessments	
8	Rubrics for Practical courses	
9	Sample Practical Records	
10	Student Information System (Circulars related to students)	
11	List of Faculty handling the courses	
12	Copy of Test circular, Class committee circular and minutes	
13	Innovative Work / SRF / Projects / Mini Project Reports	
14	Internship details	
15	Projects done in Industries	
16	Warnings / Counseling register(Students)	
17	Attainment of course outcomes with bar chart	
18	No. of experiments/equipments added.	
19	List of Internal and Assistant Examiners	
20	Results of last 2 semesters	
21	Academic Counseling record of faculty members based on feedback	
22	Feedback reports	
	RESEARCH, INNOVATION & EXTENSION	
1.	No. of Publications by the faculty	
2.	No. of Ph.D. theses	
3.	Programs organized	
4.	No, of sponsored projects (mention no. & amount)	
5.	Patents received	
6.	Book publications by the faculty	
7.	Details of testing & consultancy services	
	GENERAL OBSERVATIONS	
1.	Audit report file and action taken report since last audit	
2.	Feedback from Industry	
3.	Suggestion book / registered complaints	
4.	Maintenance of Records by the Faculty Members	
5	Correctness & Guidance to the students by faculty members	
6	Awareness and adherence to the policy	

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

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)

File Description	Documents
Paste the web link of annual reports of the Institution	www.gct.ac.in
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute under the aegis of different clubs conducted 14 different programs. Both male and female students took part in it and gained maximum benefits. Special mention has to be given to the Art of Living program wherein students were given an understanding of how to live a perfect life. Women Entrepreneurship program was conducted to make women self-reliant. Corona Virus Awareness program was conducted to make employees and students remain careful.

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

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	A. Any 4 or All of the above

conservation Use of LED bulbs/ power-efficient equipment

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)

Waste Management in GCT Campus

Liquid waste management:

The liquid waste produced from various sources like Hostels, offices and various departments are collected and conveyed to public drains. Waste stabilization pond is also provided in the campus for the storage and stabilization of wastewater produced form these sources.

Solid waste Management:

The organic fraction of solid waste like kitchen waste and food waste produced from hostel mess and canteen have been managed by vermi composting and organic waste composter. The manure produced from composting is packed and stored. The stored manures are used for the gardens and plantations in the campus. The paper wastes hostels, office and departments are segregated and disposed through local recyclers

E-waste Management

The ewastes like mobile phones, chargers and outdated computers from various sources like departments, hostels etc., are collected and disposed through local vendors.

Air Pollution Monitoring:

The ambient air quality inside the campus is monitored periodically. The pollutants namely particulate matters, SO2 and NO2 are monitored and checked with ambient air quality standrds. The indoor air quality also monitored by air quality monitoring equipments available in the department Environmental Engineering

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	**No File Uploaded**

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	**C. Any 2 of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	**C. Any 2 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	**No File Uploaded**

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	`D. Any 1 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	`No File Uploaded`
Any other relevant information	`No File Uploaded`

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.	`B. Any 3 of the above`

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

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

Government College of Technology has the repute of nurturing endurance and peace among the students through various activities conducted throughout the year by the Youth Red Cross, Green Club, National Service Scheme, National Cadet Corps, Rotract Club, etc. To start with, Literary & Debating Society and Tamil Mandram kindle students' flair for languages and their thirst to develop language skills. Besides, their association with people of different places naturally builds harmony with the people around them. Youth Red Cross helps students create awareness among people on their health and how to bring hygiene to daily life activities. NSS activities motivate students to render their service to people or hamlets in and around Coimbatore which lacks facilities. The camp programs enhance students' inner strength and confidence to tackle odd situations in life. NCC activities aim at strengthening students' character, discipline, secular outlook besides providing them with chances to involve in adventure sport. Rotract club activities develop the leadership and professional skills of students. Different programs and activities conducted throughout the academic year help students develop mutual understanding and cooperation. Above all, the efforts taken by the institute to make students cross the barriers of culture, region, language, caste, creed and socioeconomic status of people prove to be successful.

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:

Employees and students of GCT are sensitized to become responsible citizens of India throughout the year by taking oath on days like National Goodwill Day, Social Justice day, Anti-Corruption Day, National Unity Day, etc. Employees and students adopt a village with minimal facilities every year and work to improve the condition of the village through camp programs. Through YRC, awareness related to health and hygiene is created among people and children. Green Club activities are carried on to protect nature and plant trees and saplings to improve the environment. Rotract Club of GCT conducts various medical camps all through the year to help people. On the whole, GCT takes up the responsibility to make its employees and students remain true citizens of India by conducting a wide range of activities.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

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	C. Any 2 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	No File Uploaded
Any other relevant information	No File Uploaded

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

GCT celebrates Independence Day and Republic Day every year with vigor. NCC Cadets take rigorous training and do march past on every Independence Day and Republic Day. The principal hoists the national flag and students give patriotic speeches, sing patriotic songs. As part of the program, different competitions are conducted and prizes are distributed to motivate students. Pongal ceremony is conducted every year in the open auditorium to preserve our culture. Various competitions related to our culture are conducted to give awareness to employees and students about our culture.

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

1. Student participative   programme

	• **The goal of the practice is to involve students maintenance of the library and thereby inculcat mindedness in them on the one hand and library consciousness on the other.**
Goal of the Practice:	• **To employ PG students to work in the Library 20 week.**
The Process:	**The Post Graduate students are imparted knowledge abo library and it's functioning by trained staff before them in the activities of maintenance and up keep of library.**
Impact of the Practice:	**Development of a positive outlook and attitude in stu awareness about the value of a library and its servic addition, the maintenance staff is benefited by the a of students.**
Resources required:	**Dedicated professional staff to train students. The o**

the Principal is required.

Remarks, if any: A large number of students have opted for this progra
now the number is restricted to make the programme ef

2. Library book exhibition

Goal of the Practice: The goal is to make awareness among the students on
latest books available in their subjects.

The Process: A set of reputed book publishers and distributors a
invited to display the recent books in the exhibiti

Impact of the Practice: Book selection process is possible for the faculty
and the students are interested to buy books for th
information needs.

Resources required: Sufficient space needs to be provided to the bookse
exhibit their collections.

Remarks, if any: It can be enlarged in future by inviting the databa
vendors to display digital resources.

3. Initiation to fresher (Information Literacy Program)

    To acquaint the new students in understanding the
services the library provides them. To enable the

Goal of the practice: students to exploit the information resources avai
in the library to supplement their learning proces
support class room teaching.

The Process: Library has been conducting Orientation Program to
new students admitted every academic year. Library
drawn formal orientation classes in the library.
Students attend the program according to the time-
drawn by the library. First 10 days, after they ar
admitted to the courses, a formal request is made
Heads of Departments to encourage the students to
the orientation program as per schedule. Students
explained about the resources, facilities, service
library provides them. They are taken round the li
apart from training them in searching the library
database, e-journals, e-mail and Internet browsing
The schedules are drawn based on the subject/disci
to go into the details

Impact of the process: Students find it useful to know about the resource
available in their discipline. They know specific
locations of different types of materials and the
privileges the library provides them. The hands-on
training in using the e-resources, OPAC etc is

appreciated.

Resources required: Trained library staff to handle classes. Guides, brochures, rules and regulations of the library fo distribution.

4. Earn while learn programme

Goal of the Practice: The goal is to employ research students and PG Stude Civil Engineering Branch to work in the Testing of materials and Consultancy services along with facul members.

The Process: A set of 3 to 4 PG Students are involved in Testing various building materials and consultancy services analysis and design of structures, NDT testing in o buildings, Geotechnical investigations, Sewage Trea Plant designs etc.

Impact of the Practice: Students are able to get field knowledge which pave them to enter into Consultancy Practices. Also thi activities help them to shine well in on - campus a campus interviews. Students are getting Practical k in the structural design aspects and other such kin consultancy projects.

Resources required: Equipments/machinery needs to be maintained well fo of materials. Purchase of different kind of Software practice become essential.

Remarks, if any: The students are getting financial assistance for t involvement in Testing and Consultancy

5. Promotion of Research through Students Research Foundation

Goal of the Practice: The Under Graduate students are encouraged to pursu research. The aim is to create a desire in the stude pursue research either as a career or as a part of research degree e.g. M.S. or Ph.D.

The Process: Over a period of a year, it is possible to identify student, who has a research potential or ambition. his third year, he/ she will be asked to prepare a proposal for financial grant. It will be submitted committee for evaluation. If the project is selecte money is given as financial assistance.

Impact of the Practice: Encouragement is given to students to submit a proj proposal, on an item he feels will qualify as a res topic or innovation, for funding by the Trust. A te faculty scrutinizes the methodology and grants or s

improvements for funding.

Problems encountered The continuous engagement of the student with his ow
programme and the lack of time, normally prevents h.
take a serious look at research, even during his fre

Resources required: Equipments/machinery needs to be maintained well fo:
of materials. Purchase of different kind of Softwar
practice become essential.

Remarks, if any: The students are getting financial assistance for t
research project.

6. Inculcating the value of "service" among students

Goal of the Practice: Many clubs have been started to create awareness of
responsibilities and acting accordingly with humani
concern to fulfil the same among the students. It wa
develop the ability of the students and to increase
standard in the society. To list few of the clubs: 1
club, Green Club, Youth Red Cross, NSS etc. The aii

- To create an awareness on the care of their ov
  of others.
- To enable the growth and development of a spi:
  service and sense of duty with dedication and
  the minds of youth.
- To foster better friendly relationship with a.
  any discrimination.

The Process: Officer incharge of the various clubs with the help
organizing secretary used to arrange such activitie:

Impact of the Practice:
- Planting of around 20 saplings in front of al
  was organized by the Rotract club.
- A blood donation camp in which around 150 stu
  donated their blood.
- The president of the club went for an inter d:
  exchange to Aurangabad district which comes u
  District 3132.
- Health camps, Dental and eye camps have been
  Awareness rallies were conducted.

- 100 NSS students have actively contributed on
  dimensions in cleaning the college campus, pa:
  compound walls,, Tree plantation etc.)

Remarks, if any: Students understood the human values

7. Students Mentoring Scheme

The goal is to establish relationship between the
Mentor(Faculty Advisor) and the Mentee(Students)

Goal of the Practice: help the mentees attain their aims.

The Process: The students are assigned to faculty mentors from year. Mentors create a better environment for thei and the mentees can approach their mentors for edu personal guidance and knowledge enhancement.

Impact of the Practice: The mentors closely monitor their mentee performan provide an ongoing support. They also provide awar guidance about comparative examinations and course for placements. A mentor encourages the students f higher studies and encourages entrepreneurship. Ea every detail regarding the student is note down in mentor record otherwise known as Students Bio data maintain a hard copy for references. Frequent coun sessions help the student in expressing their opin problems with ease. Counseling is done after tests the end semester exam results. Mentor books are u their results, achievements, certifications, atten scholarships and project details.

Problems encountered   In the absence of a mentor for a brief period of t duties are handed over to another faculty and info respective students.

Resources required: To make the mentoring system effective, training i to faculty on counseling and handling the students

8. Enhancing Skills of the Students by Providing In-House Training and Worl

- To enhance soft skills among students
- To instill technical competence and

Goal of the Practice: - To inculcate employability skill

The institute is working with an aim to making it excellence. Students from different level and back

The Process: training to improve their technical as well as emp skills. Considering these requirements, the instit provides all facilities to them to archive their o and to inculcate leadership into them.

Impact of the Practice: The institution offers various technical programes workshops/ seminars/talks by eminent industrialist students towards their growth. Each department org various career development programmes for third ye final year students. Practice on Online Placement periodically conducted to enhance aptitude, mental and reasoning skills of the students to make them acquire employment. The Placement cell of the inst arranges pre-placement training by conducting grou discussion and mock-interviews.

Resources required: Seminar halls, Speakers for the respective topics Visual aids

> **Nearly 70% of the students are getting placed.**

Remarks, if any:
https://gct.ac.in/best-practices

File Description	Documents
Best practices in the Institutional website	https://gct.ac.in/best-practices
Any other relevant information	**Nil**

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)

7.3 Institutional Distinctiveness

7.3.1 - Provide the details of the performance of the institution in one ar priority, and thrust in not more than 500 words

1. The Institute of institutional makers Laboratory was created by Alumni c

2. The College has good Institute - Industry relationships, especially with

3. Guidance is given to students to participate in competitive exams.

4. Faculty members are motivated for Journal publications in Quality Journ Response: Our college is surrounded by enormous green trees and efforts are ecofriendly. For this initiative, our college is awarded by Pondicherry Chi Green Campus (2013).

5. Our College is identified by MHRD to establish two Centre Of Excellence Research and Environmental Studies. Both the COE's adopted a village to imp rural areas. Under AER solar panels and solar lanterns have been erected in

6. In Environmental studies it is proposed to provide water filters for saf the local community. A centralized testing lab for Synthesis and Character: established which undertakes consultancy and helps the educational institut

7. Research project in Bio-Diesel production and its utilization within the

8. With this advancement our college is awarded the Best Government Enginee

Government of Tamilnadu.

File Description	Documents
Appropriate link in the institutional website	https://gct.ac.in/institutional-distinctiveness
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Government College of Technology, Coimbatore-641013

(An Autonomous Institution affiliated to Anna University, Chennai)

INTERNAL QUALITY ASSURANCE CELL

Action Plan for the Year 2021 - 2022

The plan of action for the academic year 2021 – 2022 includes the following.

Curricular aspects	:	• **Initiated the process of Implementatio new Regulation 2022** • **To update Curriculam and syllabi in al with outcome based education OBE** • **Curriculam review & up-gradation** • **Promoting innovation through curricula** • **Adopting curriculam development as per guidelines of UGC** • **Introduction of Industry based electi courses** • **Responding to national skills developm framework** • **Organize FDP on NAAC and Autonomy**
Teaching and Learning	:	• **Implementing more number of digital fl classroom** • **Engaging digital flipped learning in classroom**

	:	• Pedagogical improvements
		• remedial teaching for the slow learner
		• Innovative teaching practices & feedba
		  analysis of its effects
		• Nurturing creativity and scientific te
		  among learners
		• Student-centered /participatory learni
		  activities
		• Blended learning using e- resources
		• Ensuring utilization of smart class ro
		• e-content development for Practical co
		• Involvement of external institutions /
		  in student project work and Thesis

Research & Innovation	:	• Improvement of quality of research thr
		  faculty publication in good impact fac
		  journals and generating funds by submi
		  society centered project proposals.

Faculty	:	• daily activity documentation of facult
		  work at home
		• Visit to Laboratories/ Research Instit
		  of National Importance.
		• academic audit for departments to iden
		  SWOT
		• Organization of inter and intra instit
		  workshops on patenting, drafting and f
		  procedure
		• Presentation of the Best Practices ado
		  the class by the faculty members throu
		  online.

Student support & Progression	:	• Organizing technical workshop, social
		  and encouraging student for sports
		• Providing career guidance and counseli
		  industry people
		• Establishing innovative projects lab
		  incubation centre in the campus

Infrastructure and Governance	:	• Improvement in cleanliness of campus • Submitting Proposals to the Government infra development