



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution

CHENNAI INSTITUTE OF TECHNOLOGY

• Name of the Head of the institution **Dr .A .RAMESH**

• Designation **PRINCIPAL**

• Does the institution function from its own campus? **Yes**

• Phone no./Alternate phone no. **8939917090**

• Mobile no **9363140941**

• Registered e-mail **principal@citchennai.net**

• Alternate e-mail **principal@citchennai.net**

• Address **CHENNAI INSTITUTE OF TECHNOLOGY**

• City/Town **CHENNAI**

• State/UT **TAMILNADU**

• Pin Code **600069**

2.Institutional status

• Affiliated /Constituent **AFFILIATED**

• Type of Institution **Co-education**

• Location **Rural**

• Financial Status **UGC 2f and 12(B)**

- Name of the Affiliating University **ANNA UNIVERISTY**
- Name of the IQAC Coordinator **Dr. R. MENAKA**
- Phone No. **0447119142**
- Alternate phone No. **7010951342**
- Mobile **9884561833**
- IQAC e-mail address **menakar@citchennai.net**
- Alternate Email address **principal@citchennai.net**

3.Website address (Web link of the AQAR (Previous Academic Year) <https://www.citchennai.edu.in/naac>

4.Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://www.citchennai.edu.in/>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A+	3.47	2022	14/06/2022	13/06/2027

6.Date of Establishment of IQAC **22/01/2018**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	FIST Program 2022	Department of Science & Technology	2022-2023 (60 Months)	Rs. 46,00,000
Institution	MSME Innovative Scheme	MSME	2022-2023 (12 Months)	Rs. 15,00,000
Institution	MSME Innovative Scheme	MSME	2022-2023 (12 Months)	Rs. 15,00,000
Institution	S & T Project	TNSCST	2022-2023 (24 Months)	Rs. 4,35,000

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

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

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

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

- If yes, mention the amount

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

Examination Reforms, Slow Learners - Special Initiatives, Industry - Institute Interaction, Research Publications, Placements

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

Plan of Action	Achievements/Outcomes
Teaching Learning Process	Achieved the Top position in Anna Univeristy
Industry Institute Interaction	MoUs signed
Research Publication	More than 250 SCIE Papers published
Placements	More than 85% students got placed

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	12/02/2022

14. Whether institutional data submitted to AISHE

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- Name of the statutory body

Name	Date of meeting(s)
Governing Body	12/02/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
YES	04/03/2024

15. Multidisciplinary / interdisciplinary

At our Institution we have created more than 30 Centres of Excellence in the Emerging Technologies like Robotics, Automation, Drone, 3D Printing, CNC Technologies, New Energy, Embedded, IoT, Artificial Intelligence, 5G Technologies, Welding etc. Students studying in any branches of Engineering course at our Institution are allowed to take up training in any of these centres. By this way all our students are getting Multidisciplinary / Interdisciplinary exposure and training.

16. Academic bank of credits (ABC):

The Institution have enrolled and the registration is in progress

17. Skill development:

Skilling, Upskilling and Reskilling is an integral part of our Teaching - Learning process. Through Centres of Excellence skill training is given to all our students to make them Employable and Deployable.

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

Few of our faculty members have attended the training programme organised by the All India Council for Technical Education in Indian Knowledge system and they are now conducting classes to our students in Indian Language and Culture. We also regularly conducting online classes / webinars on Indian Knowledge system to our students

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

At our Institution OBE was implemented during 2015. We follow Outcome Based Education in our Teaching - Learning process and in

our Assessment process. All the eligible UG and PG programmes conducted at our Institution have got accredited by National Board of Accreditation (NBA). All the Accredited UG Programmes have got more than 700 marks and two UG programmes namely B.E. Electrical and Electronics Engineering and B.E. Electronics and Communication Engineering got accredited for 6 years.

20.Distance education/online education:

Our Institution is not eligible to conduct Distance Education

Extended Profile

1.Programme

1.1 282

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 3609

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 392

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

File Description	Documents
Data Template	View File

2.3 757

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic	
3.1	301
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	301
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	64
Total number of Classrooms and Seminar halls	
4.2	2278.87
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1074
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Chennai Institute of Technology (CIT) is an autonomous institution affiliated with Anna University, Chennai, Tamil Nadu, and designs the curriculum at par with the industry expectations. The three phases of our systematic strategy for effective curriculum delivery comprise of Planning & Development, Deployment & Implementation, Monitoring and Evaluation.

1. Planning& Development

During the Planning phase, all departments submit the faculty as well as resource requirement request, if any, to Internal Quality Assurance Cell (IQAC). IQAC collects, review, validate and takes action to ensure the resources for smooth functioning of the forthcoming semester.

2. Deployment & Implementation

Implementation of OBE is meticulously planned, delivered, and closely monitored to ensure that the curriculum delivery goes in a smooth, seamless manner. The curricular gaps are addressed through

value added courses, industrial certification courses, MOOC certifications, Guest lectures, industrial visit, in plant training and other innovative experiential learning like ILP (Innovative Learning Program), ILP PLUS, ILP Flexi, CITCOS (CIT Carnival of Science) and hands on training through Industry sponsored Labs.

3. Monitoring and Evaluation

The monitoring and evaluation is through IQAC to ensure implementation and practice of OBE. Based on the audit/review findings the actions are planned and taken to ensure academic excellence.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

The IQAC prepares the academic calendar of the Institution based on the university guidelines in consultation with the Principal and Program Coordinators before the commencement of every semester. The calendar consists of;

- Commencement of Classes
- Schedule for internal exams
- Last working day

- Date of practical University examination
- Co-curricular and extra-curricular activities

The HOD prepares the department's academic calendar in consultation with faculty members. The department's academic calendar consists of

- Schedule of internal exams
- Departmental activities
- Seminars/ workshops
- Value-added courses and Conferences
- Co-curricular and extra-curricular activities.

Based on the academic calendar, each continuous internal exam is well planned by each department's exam cell governed by the institution's exam cell. Three Internal exams are conducted per semester. The syllabus for each internal exam is clearly defined at the beginning of the semester. The examination committee meets periodically to discuss all the examination-related matters. Apart from this additional tests for weak students are conducted. The students can see their evaluated answer sheets and discuss the same with the concerned faculty. The policies are revised in general meetings & flexibility is given to higher authority to make run-time changes for the conduct of internal examinations.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

Academic council/BoS of Affiliating University

Setting of question papers for UG/PG programs

Design and Development of Curriculum for Add on/ certificate/ Diploma Courses

Assessment /evaluation process of the affiliating University

A. All of the above

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

1.2 - Academic Flexibility

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

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

15

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

1.2.2 - Number of Add on /Certificate programs offered during the year

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

47

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

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

2305

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

1.3 - Curriculum Enrichment

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

Crosscutting issues relevant to the ethics, gender, human values, environment and sustainability etc., are integrated into the curriculum across all UG programs.

1. Professional Ethics and Human values. In view of promoting the professional ethics among the engineering graduates, the AU has introduced professional ethics in all UG programme curriculum as an elective course. In addition, the college takes efforts for integration of ethical and human values through extracurricular activities such as personality development, yoga, meditation etc.

2. Gender The institute understands the importance of Gender equality and thus maintain 30:70 ratio of women to men work force in both teaching and non-teaching. The admission analysis reveals that girls to boys student ratio is 30:70 and separate hostel for boys and girls are provided. Institute's woman empowerment cell has been working consistently for women safety in college campus and other problems related to girl students.

3. Environment and Sustainability The subjects like Environmental studies, Air pollution and control, Environmental Chemistry are provided as elective subjects to the students to make them to learn about the significance of safe guarding our environment. The usage of plastics is avoided inside the campus.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

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

154

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

2214

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.citchennai.edu.in/feedback-system/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.citchennai.edu.in/feedback-system/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1142

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

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

360

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Identification of the Students' Learning Levels

The assessment of students' learning levels is done in two phases. First phase is at the initial entry. Students are assessed based on three key parameters - SSC/HSC/cutoff, Competitive exams like JEE, COMED-K, AUEET etc, and their performance in bridge course and induction programs. After the students got admitted to our institution, one month Induction program (Catapult) are organized for the fresher's to help them understand the holistic education in the context of engineering.

Students self-assess their own Learning Level during the Induction Program (Week 1) in which awareness of the subjects and their prerequisite through the Knowledge Map is provided by the Subject Faculty.

Figure 2.2.1 a) Students' Learning Level Assessment and special programs organised

Advanced Learners

Students with deep investigation-oriented and analytical abilities, good comprehension, and proactive attitude and with a desire to excel.

Slow Learners

Students with poor learning abilities, grasping power, and more absenteeism with attention issues, sometimes with physical, personal, psychological problems, other developmental and diversified issues.

Figure 2.2.1 b) Special programs organised for advanced learners

Figure 2.2.1 c) Special programs organised for slow learners

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

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

Number of Students	Number of Teachers
3609	301

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

To ensure that students play an active role in the learning Process, the Institute practices following student centric methods for enhancing learning experience thereby facilitating effective learning. These are identified at the beginning of the semester based on inputs from Cluster Mentor and External Mentors. The implementation is verified during the Faculty Review conducted at the end of the Semester.

Figure 2.3.1 a) Student centric learning methods

Experiential learning is the process of learning through experience, and is more specifically defined as "learning through reflection on doing". Hands-on learning is a form of experiential learning but does not necessarily involve students reflecting on their product.

Participative learning is the one in which learners are involved as actively in the learning process as possible. There is an intentional sequence of activities or learning events that will help the learner achieve the specified objective or desired

outcome".

Problem Solving Methodologies is a teaching method in which complex real-world problems are used as the vehicle to promote student learning of concepts and principles as opposed to direct presentation of facts and concepts.

Figure 2.3.1 b) Student centric learning methods

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

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

Chennai Institute of Technology emphasis on ICT infusion in pedagogy to improve learning, motivate and engage learners, promote collaboration, foster enquiry and exploration, and create a new learner centered learning culture. It permits the move from reproductive model of teaching and learning to an independent, autonomous learning model that promotes initiation, creativity and critical thinking with independent research. Learners are expected to collect, select, analyze, organize, extend, transform and present knowledge using ICT in authentic and active learning paradigm. The adaptation of ICT tools help to open up opportunities for learning by enabling four major key processes in transforming teaching and learning as follows:

1. Access
2. Extend
3. Transform
4. Share

The integration of ICT with teaching and learning has produced some of the significant positive gains in learners' knowledge,

skills and attitudes by providing the following key advantages:

- Explore and represent information dynamically and in many forms
- Become socially aware and more confident
- Increase motivation
- Communicate effectively about complex processes
- Develop better understanding and broader view of processes and Systems

Greater problem solving and critical thinking skills.

Figure 2.3.2 ICT Tools for Effective Teaching Learning Process

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

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

2.3.3.1 - Number of mentors

300

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

2.4 - Teacher Profile and Quality

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

301

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

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

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

130

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

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

2.4.3.1 - Total experience of full-time teachers

1092

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

2.5 - Evaluation Process and Reforms

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

Internal Assessment (IA) tests

Three internal assessment tests are conducted during the semester. Questions are set to evaluate the attainment of various Course Outcomes along with thought-provoking questions. This ensures a wide variety of questions which adds robustness to the system.

To ensure transparency

1. The schedule, syllabus and paper pattern of IA Tests is disseminated to the students at the beginning of the Semester itself through AAP which is available on LMS.
2. Test Paper is audited by subject expert w.r.t. syllabus, COs, level of questions
3. Model solution is uploaded on the LMS immediately after the examination
4. IA Test Papers are assessed in CAP.
5. Corrected answer sheets are distributed to the students, their signature taken and grievances, if any, are resolved through the involvement of the respective Subject expert, if necessary.

Internal mark assessment

- IA and Model lab schedules displayed in notice boards and circulated to the classes for information.
- Syllabus Completion and Question paper pattern discussion in CCM
- Internal assessment mark communication to parents.
- The answer keys will be available with the faculty and will be discussed in the class after the exams.

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

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

and efficient

Ordinances of AU and the Institute's SOPs are available to enable dealing with examination related grievances transparently in a bound time and efficient manner.

1. Redressal mechanism for grievances before Exam

For grievances like non-issuance of hall ticket, correction in name, the students can apply to the Principal. Subsequently, Principal forwards the applications to the Examination Cell for necessary action

1. Redressal mechanism for grievances during examinations

Any discrepancy/doubt in the question paper reported by student is communicated to University after examination. All cases of unfair means are dealt with as per Anna University guidelines.

1. Redressal mechanism for grievances after Exam

Evaluated answer sheets of IA Tests are distributed to the students within one week from the date of the examination. The grievance raised by the student are resolved by the faculty.

After declaration of End Sem Exam results, students can apply for a photocopy of their answer sheets and/or revaluation within ten working days. To ensure that the entire system is transparent, time bound and efficient, the Examination Cell is well equipped with adequate and competent manpower with a student-centric mind set, IT resources along with the necessary, security and surveillance systems.

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

2.6 - Student Performance and Learning Outcomes

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

The details of Program Outcomes, Program Specific Outcomes and Course Outcomes for all the programs and the mechanism of communication are explained here under.

1. Program Outcomes (POs) as given by the NBA is displayed in the prominent places in all the departments and also in the website.

2. Program Specific Outcomes (PSOs) are written and displayed for each program after thorough discussions & deliberations with stakeholders.

3. Course Outcomes (COs) are written for each course in every program after discussion amongst the course handling faculty & subject expert.

4. The IQAC reviews the Course Outcomes (COs).

5. Each Course Outcome is mapped to Program Outcomes in terms of relevance. Three levels of relevance based on degree of correlation are used. The levels of correlation are 1 for low, 2 for medium and 3 for high correlation.

6. Awareness about POs/PSOs & COs is made to students by faculty at the beginning of the semester besides displaying them in the respective departments, and on the college website.

7. Course outcomes communicated to students through assessment question papers, Lab Records and Note books.

The course outcome and program outcome are disseminated to stakeholders through:

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of Course Outcome and Programs outcome

The undergraduate program of the department is credit based with continuous evaluation system. Evaluation is conducted by the subject teacher throughout the semester.

The course outcome attainment is calculated as given below:

Program outcome attainment is calculated as given below:

Definition of attainment levels

Batch 2017 -2021

Level 1 < 55%

Level 2 66% to 80%

Level 3 > 80% and above

Batch 2016 - 2020

Level 1 < 50%

Level 2 51% to 75%

Level 3 > 75% and above

Batch 2015 - 2019

Level 1 < 50%

Level 2 51% to 75%

Level 3 > 75% and above

S. No.

University Pass Percentage

Fixing of Target Level

1

75 %

2.25

2

51 % < x < 75 %

1.8

3

< 51 %

1.5

If the target value is attained, the set value for the next batch is increased by 0.1 from attained value subject to maximum level of. If the target is not attained, the same target value is maintained for the next year.

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

755

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/file/d/1IkdbJsAGSwcOWba7x9ZqHMtcSgcpaKpI/view?usp=sharing

2.7 - Student Satisfaction Survey

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

https://www.citchennai.edu.in/wp-content/uploads/2024/05/2_7_Student-Satisfaction-Survey-2022-2023.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

Rs. 95,35,000

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

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

3.1.2.1 - Number of teachers recognized as research guides

46

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

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

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

11

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

3.2 - Innovation Ecosystem

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

Innovative Learning Program:

Chennai Institute of Technology established Innovative Learning Program Centre in 2017, laying the platform to integrate the CoE's, its Innovative practices under a single umbrella and to diversify the learning experience of every student through unique learning methodologies bringing together academicians, students, researchers and industry experts to collaborate contemporary curriculum.

Academic collaboration with foreign Universities:

Institution has signed MoU'S with Tianjin Vocational College of Mechanics and Electricity, China and Kyutech Institute of Technology, Japan and Aachen University, Germany which help the incubates with wide area of expertise.

Centers of Excellence (COE):

Acclaimed as an Industry Connected Institution, Chennai Institute of Technology has grabbed the attention of the industry and the education fraternity at international level for its Centre of Excellences equipped with state-of-the-art infrastructure focused on training, research and innovation. The CoE's in CIT include

CIT- COE for Industrial Automation

CIT - COE for New Energy (Solar & Wind)

CIT - CISCO Networking Academy

CIT - COE for Kyutech Wabco

CIT - HARITA Composite Research Center in Mechanical Engineering

CIT - Atalon Engine Research Center

CIT - PEGA University Academic Program

CIT - PMKVY Skill Development Center and

CIT - Accurate COE for Metrology

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

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

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

11

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

3.3 - Research Publications and Awards

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

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

84

File Description	Documents
URL to the research page on HEI website	https://www.citchennai.edu.in/research/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

978

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

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

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

35

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

3.4 - Extension Activities

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

CIT has made remarkable impact to the environment and all the neighbor community by setting up College- Neighborhood-Community Network. Major emphasis is given on student engagement, holistic development, and service orientation of students contributing towards good citizenship.

Through the Network of NSS/NCC/Rotract/ Youth Wing of Red Cross Society/ Literary Forum/Chiguru units lead by a team of committed faculty will engage in the several community development programmes sponsored by the institute. Lack of awareness has been observed among the villagers about hygienic and nutrition, cleanliness, illiteracy, prevailing diseases etc. Efforts are directed in solving some of these issues.

CIT has adopted five villages in its neighbourhood viz Katarambakkam, Pudhuppair, Vengadu, Periyarnagar, Amarambedu to sensitize the young generation of students on several social issues by engaging them in several social service activities. Some

of the programs organized are Road safety awareness programs, awareness on effects of narcotic drugs/ Cleanliness awareness program, open defecation eradication drive/ Gender sensitization drives/ rainwater harvesting/ blood donation camps etc.

Extension Activities aims at enabling our student/volunteers to develop social responsibility and learning by doing. Our extension activities has multiple dimensions such as National Service Scheme, Youth Red Club, Unnat Bharat Abiyan, Swachh Bharath Abiyan, NCC etc.

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

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

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

3

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

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

16

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

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

1075

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

377

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

42

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Chennai Institute of Technology campus extends over an area of 17.2 acres with a built up area of 47768 Sq.m. Comprising Classrooms, Laboratories, Workshops, Smart Classrooms, Library and Digital Library, Computer Centre, Centers of excellence, Auditorium and Seminar halls. The college has maintained a zero deficiency report for the infrastructural facilities as per AICTE and Anna University right from the inception and also during the current assessment year.

Class Rooms and Seminar Halls:

There are 64 classrooms, 8 smart class rooms, all of which are ICT enabled and consist of essential provisions to enable the use of LCD, Computer with WIFI and Audio System. The college has 3 seminar halls and one Auditorium with LCD projectors, AC, computers with internet connectivity and PA system.

Laboratories:

The college has well equipped 89 laboratories as per university norms and is maintained periodically. The college has centers of

excellence which includes Kuka Robotics, 3D Printing, New Energy, Industrial Automation, IOT, Pega, Rane, Daimler, etc.

Computing Facilities:

The College has 1074 computers for students use and all those are connected through 1Gbps 1:1 least line LAN and WIFI. The Audio/video visual room facilities are also available to interact with experts from remote locations.

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, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Sports and games Facilities:

The College provides ample facilities for the students to participate in sports and games in College level, University, District, State and National levels competitions. Outdoor and indoor games facilities are available in the campus are effectively used by the students during and after the college hours. The college has systematized CIT TROPY in every year and it welcomes many colleges in participating in this event.

Gymnasium Facilities:

The college has separate gymnasium facilities spread over 2128 Sq.f for both boys and girls students with all gymnasium equipments.

Yoga Facilities:

Yoga Classes are regularly conducted in both outdoor and indoor College Auditoriums.

Facilities for Cultural Activities

The college is organizing cultural event every year called Takshashila and many college are participating in this event. The cultural events are conducted in Parthasarathy Auditorium with a

seating capacity of 2000 and Kavery auditorium with a seating capacity of 400. Some of the cultural activities events are conducted in open air Auditoriums. Our college students participated and own the prizes in cultural events organized by various institutions.

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

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

64

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

381.04672

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The CIT Campus has a spacious Central Library with an area of 4100 Sqm. The faculty members and students of the institution utilise the library for continuous learning and to enhance their knowledge. The Central Library has various Text books, Reference Books, eBooks, Journals, Magazines, e-Journals, Project Reports, Tutorials and NPTEL Videos.

Central Library has a collection of fascinating books which includes Encyclopaedia, Handbooks and Dictionaries, GATE, Competitive exam books and videos that supports the content beyond syllabus. Central Library has around 21372 number of Titles, 37153 Volumes which includes e-books, >750 CDs, 275 e-Journals, 15 Magazines, 120 printed National and International Journals. Library is fully automated and Integrated Library Management System as follows.

Table: 4.2.1 Library Management System

Software

Automation

Version

Year of Purchase

Auto lib

Full

5.1

2010

IMPRES ERP

Full

10.1

2015

Digital library:

The Digital Library is an additional facility for the benefit of the students and faculty. Digital Library has 32 systems with internet connectivity to access the digital content like NPTEL Videos, E- Journals, E-Books, Projects, PDF Notes, PPTs and Course Material.

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

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

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

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

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

13.67

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data

for online access) (Data for the latest completed academic year)

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

806

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

4.3 - IT Infrastructure

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

The college has a well equipped internet lab 24/7, vodafone 1GBPS, JIO 1GBPS, 1:1 leased line from Vodafone. The internet can be accessed from more than 1074 desktop computers through LAN and WIFI. The Centre supports an 'Institute wide fiber optic network' and wireless that connects all the Academic Departments, Hostels, Library and other College facility centres to the Centralized Server. The centre provides system administration and technical support which includes software Installation, network monitoring, internet connection and digital library etc.

The computer systems are upgraded periodically, required software is purchased and license will be renewed as per syllabus updating. The internet bandwidth connectivity is upgraded based on the requirement. To provide the quality internet connectivity Wi-Fi is provided for the entire campus and it is upgraded every so often. Fire wall and Anti-virus software are installed to ensure better security. A dedicated team with in-house staff is formed to take care of the IT and related needs of the campus. Wi-Fi access points are installed in various locations of our campus, the Wi-Fi access points are updated constantly during regular intervals.

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

4.3.2 - Number of Computers

1074

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution **A. ? 50MBPS**

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

4.4 - Maintenance of Campus Infrastructure

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

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

2299.13

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

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

Chennai Institute of Technology (CIT) has the policy for infrastructure maintenance as specified by the statutory bodies both in terms of quantity and quality. CIT provides the best infrastructure to all its departments and other functional areas to ensure the infrastructure needs and the requirement of Teaching-learning process. The infrastructure maintenance policy of CIT is ensuring its quality and cost, up gradation from time to time,

proper accounting and safe guarding by providing inventory numbers on each equipment and maintaining asset register, upkeep of the equipment through regular cleaning, preventive and corrective maintenance including annual maintenance contracts, insurance against damage and theft.

To ensure the adequacy of the infrastructure including land, buildings, equipment, computer hardware and software, the norms of the statutory bodies like University Grants Commission (UGC), All India Council for Technical Education (AICTE), Affiliating University (Anna University) with regard to resource requirements shall be adhered. Records of all infrastructure including equipment, software, books and other items shall be maintained by all the departments and sections of the institute and to be entered in the stock register. All departments shall strictly follow the procedures and guidelines of the institute with regard to cleanliness, preventive and corrective maintenance of infrastructure.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

508

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

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

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

1865

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

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

A. All of the above

File Description	Documents
Link to Institutional website	www.citchennai.edu.in/agar2024/criteria5/5.1/5.1.3%20INDEX.pdf
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

462

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

462

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

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

645

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

40

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

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

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

21

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

5.3 - Student Participation and Activities

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

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

9

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

At the commencement of the Academic year, the institution has a practice of identifying class representatives for each class and nominating them to the student council. The student members are adopted by various administrative bodies. The council is responsible for the conduct of many activities in the college and includes curricular, co-curricular, and extracurricular activities. All the activities will be supported by faculty members. The details of various committees (Anti Ragging Committee, Grievance Redressal Cell, National Service Scheme, Entrepreneurship Development Cell, Women Development Cell) in which students are represented as members. Further, students are empowered to conduct and to involve actively in various clubs such as Mobile App, Photography, Digital Marketing, Social Media, Vehicle, SAE, ISHARE, Agri, Dance, Eco, Language, Music, and energy.

In all the clubs, various posts are assigned such as president, vice president, Treasurer, secretary and joint secretary to coordinate the clubs' activities.

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

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

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

24

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The CIT Alumni Association (CITAA) aims to link the alumni to the institution, develop synergistic plans to support the institution and achieve its vision, and enable the institute to add value to all its stakeholders. The Institute established an alumni cell in 2015 to maintain a good linkage between the institute and alumni. The alumni association was registered in March 2020 with registration no. SR552020 dated 24.03.2020. Every year Alumni meeting will be hosted by the Alumni association and supported by the Management where the alumni are invited to share their views and to create awareness about the professional world.

Contribution by Alumni:

Providing a forum to establish a link between the alumni and

faculty to accomplish interaction with past and present students of this Institute. Organizing industrial training, internship programs, projects, employment opportunities, and other resources and facilities for career advancement to the Members and the Student community in various companies/organizations/institutions of repute through the Alumni.

Alumni donated an amount of INR Rs.583500/-to the institution for the academic year 2021-2022. Alumnus help in curriculum enrichment by providing their valuable feedback and guiding our students on competitive exams and career guidance through guest lectures and one-to-one interaction during Alumni meets.

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

5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in 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 and in tune with the vision and mission of the institution

Nature of Governance - Various decision making committees such as Governing Council, IQAC, Programme Advisory Committee , Grievance Committees and others through which the governance flow further to Program Coordinators, faculty, Class Representatives and students to implement and monitor the academic/administrative matters of the institution.

Leadership Driven by Vision and Mission - Starting in the year 2010, the institute from an intake of 300 from 5 programs of UG in Engineering became tenfold offering programs in UG Engineering, PG Engineering, PhD research Center. Strategic and deliberate decisions include appointing Quality faculty from Different Government Universities and research centres.

Participative governance and Autonomy - Institute ensures seamless management systematically, encouraging participative leadership by involving various stakeholders at appropriate levels of decisionmaking. A trusting environment is cultivated where employees have appropriate autonomy to function effectively.

Transparency- Faculty members participate, through corresponding Functional Committees, in finalising curriculum design, teaching methodology, examination reforms and student welfare. Such participation brings transparency to the governance and inherently encourages team- work and effective implementation of decisions.

Perspective plan- It focuses on getting all the eligible UG programs accredited by NBA, NAAC Accreditation with A++, Aiming to get NIRF rankings in Top 200, maintaining 95% above placements.

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

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

Vision and Mission statements define the quality policy of the institute in very well manners which are designed by the Top management, the Principal, IQAC Coordinator, program coordinator and senior Faculty members of the institute. An action plan is prepared collectively by the Principal, Program Coordinators, IQAC for implementing the quality policy. According to the action plan, specific roles are assigned to various faculty members. The Principal provides leadership for the academic administration and creates an effective environment conducive for learning. He ensures that quality education is imparted to the students that foster the holistic development of the students. He also ensures all-round development of the Institute and achievement of strategic plans of the institution. The institution has in place several Committees to continuously monitor the academic and administrative activities. The committees comprise of key stakeholders including government, administrators, faculty, staff, industry, employer, alumni, parent and students. The top management provides effective academic leadership to the faculty, by setting goals and involving them in participative decision-making process, not only to achieve the vision, mission and goals

of the institute, but also in building the organizational culture. The Principal permits the HODs and staff members in performing freely in the AAA.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Strategic Plan seeks to leverage the strengths that CIT has developed over the decades and to build upon them and acquire or develop new strengths. In particular, the Strategic Plan proposes to nurture the large groups of faculty working on transformational technologies that have the potential to address the societal challenges faced in India today-specifically in areas such as water, energy, healthcare, education, housing and waste management etc.

Strategic Plan like Enhance engagement with Society, Diverse Student learning environment, Enhance engagement with Industry, Improve internal support systems, Enhance alumni engagement, Enhance Research Culture, Academic Autonomy and Industry Oriented Curriculum

The team consisting of Principal, Heads of Departments and senior faculties are the prime body that develops drives and deploys the policy. To facilitate better planning and implementation, an Internal Quality Assurance Cell (IQAC) is formulated strictly as per the guidelines of NAAC. The IQAC meets periodically to discuss and proposes plans/measures for strengthening the following aspects:

Curricular Aspects

Teaching-Learning and Evaluation Research, Innovations and Extension Infrastructure and Learning Resources Student Support and Progression Governance, Leadership and Management Institutional Values and Best Practices

The conclusions arrived at IQAC meeting is carefully reviewed and policies are further formulated for corrective actions.

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

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

Governing body

The management stands as an asset to the system and stakeholders. The Governing Council takes the responsibility of monitoring and implementation of activities in the strategic plan of institution. CIT builds a better nation through "Transforming Lives" being the motto of the institute. Continuous and meticulous efforts are ensured to maintain quality in both academic and administrative levels.

Administrative setup

Principal is the chairperson of administrative and academic activities of the institution. Head of the Departments take the responsibility of handling above activities of their respective department. They are entitled to take decisions as per the needs of the situations in exigencies and get them ratified by the Head of the Institution subsequently at a later stage. Based on the experience and the expertise of the faculty members, students' team leads have been identified to lead different teams which are functioning effectively which is monitored by year coordinator and class advisors. The Principal, HODs, Year coordinator, class advisors and students team leaders are sanctioned impress amount, for seeing the execution of multiple events scheduled.

All policies are available in the college webiste.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Governance structure of the institution conveys total transparency at various levels in the organization. Innumerable welfare measures are executed to assist the staff. The critical staff welfare measures are recorded underneath.

1. Faculty members are promoted for self-development programs and higher education.

2. Implementation of pay revisions

3. Grant of Promotions as per norms

4. Implementation of Provident Fund and Gratuity schemes

5. Various leaves such as vacation leave, casual leave, Special casual leave, compensated casual leave and maternity leave are

available for teaching and non-teaching staff.

6. Free Transport facility for teaching and non-teaching staff.

7. Free food is provided in college mess for all teaching and non-teaching staff.

8. Purified drinking water (RO) is provided round the clock.

9. Financial support is provided for staff towards membership fee of professional bodies.

10. Special leave (15 Days) along with gift is provided for staff wedding.

11. The Institution appreciates faculty on acquiring higher qualifications and special achievements.

12. Uniform is also being provided for teaching and non-teaching staff, drivers, attenders, and securities.

13. Waiver of fees facility is there for staff children studying in institution.

14. Upto 2 lakhs loan with no interest.

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

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

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

285

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

102

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

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

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

285

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

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

The management evaluates the performance of the faculty based on teaching, research, participation in teamwork, arranging co-curricular and extracurricular activities and publication work. They are awarded and appreciated during teachers' day celebrations. The appraisal system motivates the staff to excel and put forth the best of their efforts. Staff retention is one among the strengths of the institution.

The following factors are deeply analysed in the appraisal system for teaching staff. An effective performance appraisal system helps the faculty in improvising their performance, enhancing their professional growth and contributing to institutional performance. The performance appraisals provide the information useful for promotion / increment determinations and at the same time, it offers an opportunity for evaluation and discussion of employee weaknesses and strengths.

The faculties are appraised based on

Self-appraisal report - Provide the information about academic performance, Research contribution, developmental activities of Department and Institute

Student's feedback - online and oral in class committee meeting.

HOD's evaluation based on the above the analysis the following actions are implemented, Faculty members are assisted to evaluate their strengths and weaknesses.

Like this many parameters considered to analyze the performance of the teaching and non teaching faculty.

File Description	Documents
Paste link for additional information	Nil
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 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal Audit is performed by Accounts Manager deputed from Parthasarathy Seeniammal Educational Trust office periodically. During the course of Internal Audit, all required steps are taken to regularize the accounts and obtain confirmations for the credit balances, collect documentary evidences wherever inadequate in respect of payments, compliances of Tax Deducted from the source (TDS). The consolidation of the findings of the Institutions with Trust office has been completed and the annual returns have been submitted to Income tax Authorities and to the other relevant authorities concerned.

External Audit is done by the Auditors at the end of the every financial year. The reports are obtained before conducting external audit which is normally done after the closure of the accounts in all respects. The copy of the internal audit report covering all matters related to maintenance of accounts is preserved. Subsequently, External Statutory Audit is conducted by the auditors and the final audit report with audit findings are submitted to the Management.

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

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

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

0

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

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

Fund resources:

Tuition fee, hostel fee and transport fee from the students

Donation received from Non-Governmental bodies

Corpus fund

Rent and service income collected from Tata Consultancy Service for conducting online exams.

Service income collected for conducting online exams (NEET, GATE, SSC, UGC NET, IBPS, RRB).

Service income collected from industries for conducting training program. (Daimlers, Kadimi steels, Salsar, Mando).

Interest amount recurred from fixed deposits.

Recurring Expenses

Salary to staff, academic activities, transport, hostel and Institution maintenance.

Research activities

Scholarship to the needy students through 'HELPP'

Non-Recurring Expenses

Infrastructural development facilities and building construction works.

Lab Equipment, Computers, Software and Gymnasium Equipment.

Management allocates budget to create and upgrade the infrastructural facilities in tune with

the modern trends and for construction works.

Extra-curricular activities

Playground has been created to provide ample opportunities for conducting sports activities and enabling student participation.

Green atmosphere is maintained. Sewage Treatment Plant (STP) is installed to treat sewage water. The entire collected treated water is utilized for gardening purpose.

Ample care is taken to uphold cleanliness in the campus.

Solar power plant of 300kW has been installed.

The institute utilizes the policy of solar power plant and water heater effectively as it saves revenues.

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

6.5 - Internal Quality Assurance System

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

The IQAC Cell is constituted as per the guidelines of NAAC. IQAC reviews, identifies gaps and reforms the policy to ensure quality system in place.

One case study is depicted below.

Case Study: "Encouraging and motivating the faculty members for their research output by financial support and by awards"

Strength of an Educational Institution is measured by research productivity, knowledge generation and innovation. The attainment of these activities depends upon the alignment of faculty with all the aspects of research initiatives being undertaken at the Institution level. CIT aims to achieve excellence in research and strives to be one of the top 100 Institutions in India in research frontier.

We have separate CIT Research Promotion Support Schemes for research paper publications to motivate the faculties to do the research individual and collaborate with other institutes like IIT/NIT and other reputed universities from other countries and Industries.

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

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

At the beginning of every semester the allocated course coordinator review the syllabus and prepares a course plan for that subject based on the course outcome and schedules a 60 to 70 hours plan to deliver it. He/she also makes a day wise schedule plan, methodology being used, pedagogies and what is expected out of that lesson.

Course files or planning documents of every course are used to bring objectivity and strategize the course of teaching and learning for every topic. The teachers go through the syllabus and ensure that all the registered students full fill the pre-requisites of the course. They check if the students have a fair knowledge of the basics, so that they are able to understand the teaching. The Program Structure, Course Syllabus, Course Session Plan, Time-table, Master Academic Planning Worksheet are made available to the students before the commencement of the semester. Daily monitoring of conduct of the classes is done by the in each department. Regular meetings of course faculty are held with Head of the institution to review the course delivery and student learning progress.

Following are few parameters on which review is conducted.

Curriculum Level, Co-Curricular Level, Extra-Curricular Level, Organisation level.

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

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://drive.google.com/file/d/1uCOUSN3X5Y1t-1NY1ON8KVQ7vinlQcPv/view
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

As per the recommendation of the National Commission for Women, Govt. of India., the Internal Complaints Committee of CIT has been working since 2018. Several awareness programs were conducted.

Several competitions were held during the awareness programs and active students were awarded for motivation. Students were made aware of their legal rights by invited expert speakers and legal advisors who are experts on women's issues. CIT approximately has 29% of female staff and 25% female students. Women occupy a good number of top posts in the hierarchy of the institute and play an important role in policy-making by being in key positions. SAFETY AND SECURITY: 160 CCTV cameras, Feedback boxes, and self-defense training programs COUNSELING: A professional Counsellor is extending counseling & Mental Wellness services to students. Common Room: The following facilities are available. 1. Visitors' Room 2. Dispensary 3. Gym and Yoga room 4. Ladies' common rooms A forum by the name WISE (Women in Science and Engineering) has been functioning at the campus with office bearers with female staff and female students. Support for working women and empowerment: Leadership capacity-building programs are regularly conducted to nurture leadership qualities among women. International Women's Day is celebrated.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

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

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

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

Solid waste management: The institute has dustbins for all floors, all the departments, common areas, canteen, mess and every other open area. The institute segregates recyclable and biodegradable waste. The copies and other papers are recycled and made available to students as laboratory record books at a very nominal rate. The other biodegradable dry solid waste such as dead leaves, papers etc. are converted into compost. Use of plastics is strictly banned inside the premises. Only urgent and unavoidable works are paper dependent in the departments.

Liquid waste management: A sewage treatment plant with a capacity of 100kl in 18 working hours per day is installed and the treated water is used for irrigation in the institute and other non-drinking water purposes. Eco-friendly floor cleaners are used for floor and rest room cleaning and the water is disposed off to the sewage treatment plant for recycling.

E-waste management: Bins are made available for all the stakeholders near the computer centre to collect the E-waste and is disposed through authorized vendors for recycling. Buy back agreement is preferred during purchase of computers, machineries, electronic equipment.

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

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

A. Any 4 or all of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

A. Any 4 or all of the above

5. Provision for enquiry and information :
Human assistance, reader, scribe, soft copies
of reading material, screen reading

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

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

Tolerance and Harmony towards Cultural & Regional factors To promote cultural and regional heritage with diversity, different festivals and cultural events are organized on the campus to reflect the integrity and unity. Some of the popular regional festivals are celebrated which are identified based on the demographic distribution of the students and faculties. **Communal factors:** Students and staff demonstrates communal harmony by celebrating the festival Diwali, Eid, Christmas and Holi collectively irrespective of religious, racial, cultural and lingual identities. **Socio-economic & other diversities** So far 2500+ students are graduated from the institute from 2014 onwards. Majority of them are from rural areas and belong to middle class. Nearly 85% of the students got employment and supporting their families. The institute strives for uplifting the students and their families socially and economically. To promote diversity among the students and faculty, the institution provides an eco-system and enabling environment for the co-existence of the people coming from different culture, region, linguistic and other socio economic diversities. **Linguistic Diversity** This diversity covers varied types of traits including language family, grammar, and vocabulary. **Socio-economic Diversity** Majority of the students are from rural areas and belong to middle class.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

Chennai Institute of Technology in the motto of Transforming the Lives is also committed in creating the best citizens for the country. Activities to sensitize our students and employees to the constitutional obligations for the academic year 2022-23.

Constitution Obligation 1. Human Values 1.1 Socialism Webinar on Mental Health during the COVID 19 National Vaccination Day Career Guidance Program for School Students Webinar on Fighting Climate Change through Diet 1.2 Secularism Blood Donation Health Check Up Camp Homage to Soldiers killed in Pulwama Attack 1.3 Democracy Republic Day Independence Day 1.4 Justice Webinar on Educating the women National Constitution Day Program 1.5 Literacy Providing Education to The Underprivileged Rural Students 2. Responsibilities 2.1 Voting Voting in the Election 2.2 Volunteering COVID-19 Relief and Awareness Campaign Swachh Bharat Internship Program Camp Tree Plantation Program 3. Duties 3.1 Defending the nation Police Commemoration Day 3.2 Obeying laws Helmet Awareness Program Road Safety Awareness Program Disposal Awareness Program 4. Rights 4.1 Legal Awareness on Voting Rights 4.2 Social Awareness Program on Human Rights The Institution with the Student and Staff engagement in the above-mentioned Training programs, Awareness Sessions and Outdoor engagement activities ensure that the students are moulded as ideal citizen.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code A. All of the above

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

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

Our Institution is dedicated to cultivate ethic and values among students and faculty. To promote the same, the college organizes national festivals as well as anniversaries for the great Indian personalities. Our students are on a mission to a better India by breaching the barriers of faith and caste. Thoughts of great Indian personalities have sown in young minds through the exhibitions and programmes of these days The institute celebrates Days of national festivals, commemorative days various events and festivals. 24th Jan National Girl child day (India) 25th Jan Voter Day 26th Jan Republic Day (India) 3rd Feb World Cancer Awareness Day 4th Feb World Cancer Day 23rd Feb World Peace and Understanding Day 28th Feb National Science Day 8th March International Women's Day 22 March World Water Day 7th April World Health Day 22nd April Earth Day 8th May World Red Cross 11th May National Technology Day 21st August World Entrepreneurship Day 5th June World Environment Day 14th June World Blood Donor Day 2st June International Yoga Day 15th Aug India's Independence Day 5th Sep Teachers Day 15th Sep Engineers Day

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

BEST PRACTICE 1 Title: Learning Ecosystem for Holistic Development
Objective: Students are developed into resourceful persons with necessary skill sets
Context: Restructure the engineering education systems
Practice: Differential Learning (High Performer, Cat-on-the-wall, Poor Learners). Additional coaching for Poor Learners. Career oriented skilling based on aspirations, etc. Active Learning, Problem and Project Based Learning (PBL) within class room, through Centres of Excellences (created in collaboration with Industry) Participating in Technical Symposiums, Competitions, Hackathons, etc. (internal and External) Talkathon to enhance communication skills Access to e-Learning contents like NPTEL, Coursera courses to encourage self-directed learning Faculty building - by FDPs

Problems encountered: The activities followed for holistic development are not part of the curriculum and included by extended working hours.

BEST PRACTICE 2

Title: Grooming for Innovation and startups
Objectives: To make students Job creators.
Context: The college has center for Innovation ,encourages students with newer ideas by way of design thinking, brainstorming, etc.
Practice: The students are facilitated to innovate and start up their own concerns.
Evidence of success: students coming up with ideas and the number of start-ups is increased from 4 to 15 in the year 2022-23
Problems encountered: It is time-consuming to make them think innovatively and concentrate on academics

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

INDUSTRY POWERED LABORATORIES Chennai Institute of Technology has a unique feature of housing Industry Powered Laboratories within its campus to enhance industry collaboration with the institution. Being an industry-oriented college, CIT offers its students academic excellence along with increased exposure and connectivity with industries thereby narrowing the gap between industry and academia. The industry advisory board had been formed right from the inception of the college when it was well known that Engineering graduate was unemployable due to a lack of knowledge and skillsets required to perform in the industry. Very thoughtfully under the able guidance of the chairman Shri P. Sriram, the management has roped in more than 14 industries specializing in the fields of Civil, Mechanical, Electrical, Electronics, and Computer Science Engineering within its campus in order to provide the necessary training to understand the basic and applied concepts in their field of specialization. This has benefitted the students immensely by way of internships, placements, patent filling, higher studies in India and abroad as well as startups. This initiative has also improved their interest in research which could be seen by the increased publications by students.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Chennai Institute of Technology (CIT) is an autonomous institution affiliated with Anna University, Chennai, Tamil Nadu, and designs the curriculum at par with the industry expectations. The three phases of our systematic strategy for effective curriculum delivery comprise of Planning & Development, Deployment & Implementation, Monitoring and Evaluation.

1. Planning& Development

During the Planning phase, all departments submit the faculty as well as resource requirement request, if any, to Internal Quality Assurance Cell (IQAC). IQAC collects, review, validate and takes action to ensure the resources for smooth functioning of the forthcoming semester.

2. Deployment & Implementation

Implementation of OBE is meticulously planned, delivered, and closely monitored to ensure that the curriculum delivery goes in a smooth, seamless manner. The curricular gaps are addressed through

value added courses, industrial certification courses, MOOC certifications, Guest lectures, industrial visit, in plant training and other innovative experiential learning like ILP (Innovative Learning Program), ILP PLUS, ILP Flexi, CITCOS (CIT Carnival of Science) and hands on training through Industry sponsored Labs.

3. Monitoring and Evaluation

The monitoring and evaluation is through IQAC to ensure implementation and practice of OBE. Based on the audit/review findings the actions are planned and taken to ensure academic excellence.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

The IQAC prepares the academic calendar of the Institution based on the university guidelines in consultation with the Principal and Program Coordinators before the commencement of every semester. The calendar consists of;

- Commencement of Classes
- Schedule for internal exams
- Last working day
- Date of practical University examination
- Co-curricular and extra-curricular activities

The HOD prepares the department's academic calendar in consultation with faculty members. The department's academic calendar consists of

- Schedule of internal exams
- Departmental activities
- Seminars/ workshops
- Value-added courses and Conferences
- Co-curricular and extra-curricular activities.

Based on the academic calendar, each continuous internal exam is well planned by each department's exam cell governed by the institution's exam cell. Three Internal exams are conducted per semester. The syllabus for each internal exam is clearly defined at the beginning of the semester. The examination committee meets periodically to discuss all the examination-related matters. Apart from this additional tests for weak students are conducted. The students can see their evaluated answer sheets and discuss the same with the concerned faculty. The policies are revised in general meetings & flexibility is given to higher authority to make run-time changes for the conduct of internal examinations.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

A. All of the above

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

1.2 - Academic Flexibility

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

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

15

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

1.2.2 - Number of Add on /Certificate programs offered during the year

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

47

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

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

2305

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

1.3 - Curriculum Enrichment

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

Crosscutting issues relevant to the ethics, gender, human values, environment and sustainability etc., are integrated into the curriculum across all UG programs.

1. Professional Ethics and Human values. In view of promoting the professional ethics among the engineering graduates, the AU has introduced professional ethics in all UG programme curriculum as an elective course. In addition, the college takes efforts for integration of ethical and human values through extracurricular activities such as personality development, yoga, meditation etc.

2. Gender The institute understands the importance of Gender equality and thus maintain 30:70 ratio of women to men work force in both teaching and non-teaching. The admission analysis reveals that girls to boys student ratio is 30:70 and separate

hostel for boys and girls are provided. Institute's woman empowerment cell has been working consistently for women safety in college campus and other problems related to girl students.

3. Environment and Sustainability The subjects like Environmental studies, Air pollution and control, Environmental Chemistry are provided as elective subjects to the students to make them to learn about the significance of safe guarding our environment. The usage of plastics is avoided inside the campus.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

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

154

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

2214

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.citchennai.edu.in/feedback-system/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.citchennai.edu.in/feedback-system/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1142

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

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

360

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Identification of the Students' Learning Levels

The assessment of students' learning levels is done in two phases. First phase is at the initial entry. Students are assessed based on three key parameters - SSC/HSC/cutoff, Competitive exams like JEE, COMED-K, AUEET etc, and their performance in bridge course and induction programs. After the students got admitted to our institution, one month Induction program (Catapult) are organized for the fresher's to help them understand the holistic education in the context of engineering.

Students self-assess their own Learning Level during the Induction Program (Week 1) in which awareness of the subjects and their prerequisite through the Knowledge Map is provided by the Subject Faculty.

Figure 2.2.1 a) Students' Learning Level Assessment and special programs organised

Advanced Learners

Students with deep investigation-oriented and analytical abilities, good comprehension, and proactive attitude and with a desire to excel.

Slow Learners

Students with poor learning abilities, grasping power, and more absenteeism with attention issues, sometimes with physical, personal, psychological problems, other developmental and diversified issues.

Figure 2.2.1 b) Special programs organised for advanced learners

Figure 2.2.1 c) Special programs organised for slow learners

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

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

Number of Students	Number of Teachers
3609	301

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

To ensure that students play an active role in the learning Process, the Institute practices following student centric methods for enhancing learning experience thereby facilitating effective learning. These are identified at the beginning of the semester based on inputs from Cluster Mentor and External Mentors. The implementation is verified during the Faculty Review conducted at the end of the Semester.

Figure 2.3.1 a) Student centric learning methods

Experiential learning is the process of learning through experience, and is more specifically defined as "learning through reflection on doing". Hands-on learning is a form of experiential learning but does not necessarily involve students reflecting on their product.

Participative learning is the one in which learners are involved as actively in the learning process as possible. There is an intentional sequence of activities or learning events that will help the learner achieve the specified objective or desired outcome".

Problem Solving Methodologies is a teaching method in which complex real-world problems are used as the vehicle to promote student learning of concepts and principles as opposed to direct presentation of facts and concepts.

Figure 2.3.1 b) Student centric learning methods

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

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

Chennai Institute of Technology emphasis on ICT infusion in pedagogy to improve learning, motivate and engage learners, promote collaboration, foster enquiry and exploration, and create a new learner centered learning culture. It permits the move from reproductive model of teaching and learning to an independent, autonomous learning model that promotes initiation, creativity and critical thinking with independent research. Learners are expected to collect, select, analyze, organize, extend, transform and present knowledge using ICT in authentic and active learning paradigm. The adaptation of ICT

tools help to open up opportunities for learning by enabling four major key processes in transforming teaching and learning as follows:

- 1. Access
- 2. Extend
- 3. Transform
- 4. Share

The integration of ICT with teaching and learning has produced some of the significant positive gains in learners’ knowledge, skills and attitudes by providing the following key advantages:

- Explore and represent information dynamically and in many forms
- Become socially aware and more confident
- Increase motivation
- Communicate effectively about complex processes
- Develop better understanding and broader view of processes and Systems

Greater problem solving and critical thinking skills.

Figure 2.3.2 ICT Tools for Effective Teaching Learning Process

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

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

2.3.3.1 - Number of mentors

300

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

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

301

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

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

130

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

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

2.4.3.1 - Total experience of full-time teachers

1092

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

2.5 - Evaluation Process and Reforms

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

Internal Assessment (IA) tests

Three internal assessment tests are conducted during the semester. Questions are set to evaluate the attainment of various Course Outcomes along with thought-provoking questions. This ensures a wide variety of questions which adds robustness to the system.

To ensure transparency

1. The schedule, syllabus and paper pattern of IA Tests is disseminated to the students at the beginning of the Semester itself through AAP which is available on LMS.
2. Test Paper is audited by subject expert w.r.t. syllabus, COs, level of questions
3. Model solution is uploaded on the LMS immediately after the examination
4. IA Test Papers are assessed in CAP.
5. Corrected answer sheets are distributed to the students, their signature taken and grievances, if any, are resolved through the involvement of the respective Subject expert, if necessary.

Internal mark assessment

- IA and Model lab schedules displayed in notice boards and circulated to the classes for information.
- Syllabus Completion and Question paper pattern discussion in CCM
- Internal assessment mark communication to parents.
- The answer keys will be available with the faculty and will be discussed in the class after the exams.

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

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

Ordinances of AU and the Institute's SOPs are available to enable dealing with examination related grievances transparently in a bound time and efficient manner.

1. Redressal mechanism for grievances before Exam

For grievances like non-issuance of hall ticket, correction in name, the students can apply to the Principal. Subsequently, Principal forwards the applications to the Examination Cell for necessary action

1. Redressal mechanism for grievances during examinations

Any discrepancy/doubt in the question paper reported by student is communicated to University after examination. All cases of unfair means are dealt with as per Anna University guidelines.

1. Redressal mechanism for grievances after Exam

Evaluated answer sheets of IA Tests are distributed to the students within one week from the date of the examination. The grievance raised by the student are resolved by the faculty.

After declaration of End Sem Exam results, students can apply for a photocopy of their answer sheets and/or revaluation within ten working days. To ensure that the entire system is transparent, time bound and efficient, the Examination Cell is well equipped with adequate and competent manpower with a student-centric mind set, IT resources along with the necessary, security and surveillance systems.

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

2.6 - Student Performance and Learning Outcomes

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

The details of Program Outcomes, Program Specific Outcomes and Course Outcomes for all the programs and the mechanism of communication are explained here under.

1. Program Outcomes (POs) as given by the NBA is displayed in the prominent places in all the departments and also in the website.
2. Program Specific Outcomes (PSOs) are written and displayed for each program after thorough discussions & deliberations with stakeholders.
3. Course Outcomes (COs) are written for each course in every program after discussion amongst the course handling faculty & subject expert.
4. The IQAC reviews the Course Outcomes (COs).
5. Each Course Outcome is mapped to Program Outcomes in terms of relevance. Three levels of relevance based on degree of correlation are used. The levels of correlation are 1 for low, 2 for medium and 3 for high correlation.
6. Awareness about POs/PSOs & COs is made to students by faculty at the beginning of the semester besides displaying

them in the respective departments, and on the college website.

7. Course outcomes communicated to students through assessment question papers, Lab Records and Note books.

The course outcome and program outcome are disseminated to stake holders through:

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Attainment of Course Outcome and Programs outcome

The undergraduate program of the department is credit based with continuous evaluation system. Evaluation is conducted by the subject teacher throughout the semester.

The course outcome attainment is calculated as given below:

Program outcome attainment is calculated as given below:

Definition of attainment levels

Batch 2017 -2021

Level 1 < 55%

Level 2 66% to 80%

Level 3 > 80% and above

Batch 2016 - 2020

Level 1 < 50%

Level 2 51% to 75%

Level 3 > 75% and above

Batch 2015 - 2019

Level 1 < 50%

Level 2 51% to 75%

Level 3 > 75% and above

S. No.

University Pass Percentage

Fixing of Target Level

1

75 %

2.25

2

51 % < x < 75 %

1.8

3

< 51 %

1.5

If the target value is attained, the set value for the next batch is increased by 0.1 from attained value subject to maximum level of. If the target is not attained, the same target value is maintained for the next year.

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

755

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/file/d/1IkdbJsAGSwcOWba7x9ZqHMtcSgcpaKpI/view?usp=sharing

2.7 - Student Satisfaction Survey

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

https://www.citchennai.edu.in/wp-content/uploads/2024/05/2_7_Student-Satisfaction-Survey-2022-2023.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

Rs. 95,35,000

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

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

3.1.2.1 - Number of teachers recognized as research guides

46

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

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

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

11

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

3.2 - Innovation Ecosystem

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

Innovative Learning Program:

Chennai Institute of Technology established Innovative Learning Program Centre in 2017, laying the platform to integrate the CoE's, its Innovative practices under a single umbrella and to diversify the learning experience of every student through unique learning methodologies bringing together academicians, students, researchers and industry experts to collaborate contemporary curriculum.

Academic collaboration with foreign Universities:

Institution has signed MoU'S with Tianjin Vocational College of Mechanics and Electricity, China and Kyutech Institute of Technology, Japan and Aachen University, Germany which help the incubates with wide area of expertise.

Centers of Excellence (COE):

Acclaimed as an Industry Connected Institution, Chennai Institute of Technology has grabbed the attention of the industry and the education fraternity at international level for its Centre of Excellences equipped with state-of-the-art infrastructure focused on training, research and innovation. The CoE's in CIT include

CIT- COE for Industrial Automation

CIT - COE for New Energy (Solar & Wind)

CIT - CISCO Networking Academy

CIT - COE for Kyutech Wabco

CIT - HARITA Composite Research Center in Mechanical Engineering

CIT - Atalon Engine Research Center

CIT - PEGA University Academic Program

CIT - PMKVY Skill Development Center and

CIT - Accurate COE for Metrology

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

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

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

11

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

3.3 - Research Publications and Awards

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

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

84

File Description	Documents
URL to the research page on HEI website	https://www.citchennai.edu.in/research/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

978

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

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

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

35

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

3.4 - Extension Activities

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

CIT has made remarkable impact to the environment and all the neighbor community by setting up College- Neighborhood-Community Network. Major emphasis is given on student engagement, holistic development, and service orientation of students contributing towards good citizenship.

Through the Network of NSS/NCC/Rotract/ Youth Wing of Red Cross Society/ Literary Forum/Chiguru units lead by a team of committed faculty will engage in the several community development programmes sponsored by the institute. Lack of awareness has been observed among the villagers about hygienic

and nutrition, cleanliness, illiteracy, prevailing diseases etc. Efforts are directed in solving some of these issues.

CIT has adopted five villages in its neighbourhood viz Katarambakkam, Pudhuppair, Vengadu, Periyarnagar, Amarambedu to sensitize the young generation of students on several social issues by engaging them in several social service activities. Some of the programs organized are Road safety awareness programs, awareness on effects of narcotic drugs/ Cleanliness awareness program, open defecation eradication drive/ Gender sensitization drives/ rainwater harvesting/ blood donation camps etc.

Extension Activities aims at enabling our student/volunteers to develop social responsibility and learning by doing. Our extension activities has multiple dimensions such as National Service Scheme, Youth Red Club, Unnat Bharat Abiyan, Swachh Bharath Abiyan, NCC etc.

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

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

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

3

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

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

16

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

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

1075

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

377

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

42

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Chennai Institute of Technology campus extends over an area of 17.2 acres with a built up area of 47768 Sq.m. Comprising Classrooms, Laboratories, Workshops, Smart Classrooms, Library and Digital Library, Computer Centre, Centers of excellence, Auditorium and Seminar halls. The college has maintained a zero deficiency report for the infrastructural facilities as per AICTE and Anna University right from the inception and also during the current assessment year.

Class Rooms and Seminar Halls:

There are 64 classrooms, 8 smart class rooms, all of which are

ICT enabled and consist of essential provisions to enable the use of LCD, Computer with WIFI and Audio System. The college has 3 seminar halls and one Auditorium with LCD projectors, AC, computers with internet connectivity and PA system.

Laboratories:

The college has well equipped 89 laboratories as per university norms and is maintained periodically. The college has centers of excellence which includes Kuka Robotics, 3D Printing, New Energy, Industrial Automation, IOT, Pega, Rane, Daimler, etc.

Computing Facilities:

The College has 1074 computers for students use and all those are connected through 1Gbps 1:1 least line LAN and WIFI. The Audio/video visual room facilities are also available to interact with experts from remote locations.

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, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Sports and games Facilities:

The College provides ample facilities for the students to participate in sports and games in College level, University, District, State and National levels competitions. Outdoor and indoor games facilities are available in the campus are effectively used by the students during and after the college hours. The college has systematized CIT TROPY in every year and it welcomes many colleges in participating in this event.

Gymnasium Facilities:

The college has separate gymnasium facilities spread over 2128 Sq.f for both boys and girls students with all gymnasium equipments.

Yoga Facilities:

Yoga Classes are regularly conducted in both outdoor and indoor College Auditoriums.

Facilities for Cultural Activities

The college is organizing cultural event every year called Takshashila and many college are participating in this event. The cultural events are conducted in Parthasarathy Auditorium with a seating capacity of 2000 and Kavery auditorium with a seating capacity of 400. Some of the cultural activities events are conducted in open air Auditoriums. Our college students participated and own the prizes in cultural events organized by various institutions.

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

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

64

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

381.04672

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The CIT Campus has a spacious Central Library with an area of 4100 Sqm. The faculty members and students of the institution utilise the library for continuous learning and to enhance their knowledge. The Central Library has various Text books, Reference Books, eBooks, Journals, Magazines, e-Journals, Project Reports, Tutorials and NPTEL Videos.

Central Library has a collection of fascinating books which includes Encyclopaedia, Handbooks and Dictionaries, GATE, Competitive exam books and videos that supports the content beyond syllabus. Central Library has around 21372 number of Titles, 37153 Volumes which includes e-books, >750 CDs, 275 e-Journals, 15 Magazines, 120 printed National and International Journals. Library is fully automated and Integrated Library Management System as follows.

Table: 4.2.1 Library Management System

Software

Automation

Version

Year of Purchase

Auto lib

Full

5.1

2010

IMPRES ERP

Full

10.1

2015

Digital library:

The Digital Library is an additional facility for the benefit of the students and faculty. Digital Library has 32 systems with internet connectivity to access the digital content like NPTEL Videos, E- Journals, E-Books, Projects, PDF Notes, PPTs and Course Material.

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

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

A. Any 4 or more of the above

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

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

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

13.67

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

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

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

806

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

4.3 - IT Infrastructure

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

The college has a well equipped internet lab 24/7, vodafone 1GBPS, JIO 1GBPS, 1:1 leased line from Vodafone. The internet can be accessed from more than 1074 desktop computers through LAN and WIFI. The Centre supports an 'Institute wide fiber optic network' and wireless that connects all the Academic Departments, Hostels, Library and other College facility centres to the Centralized Server. The centre provides system administration and technical support which includes software Installation, network monitoring, internet connection and digital library etc.

The computer systems are upgraded periodically, required software is purchased and license will be renewed as per syllabus updating. The internet bandwidth connectivity is upgraded based on the requirement. To provide the quality internet connectivity Wi-Fi is provided for the entire campus and it is upgraded every so often. Fire wall and Anti-virus software are installed to ensure better security. A dedicated team with in-house staff is formed to take care of the IT and

related needs of the campus. Wi-Fi access points are installed in various locations of our campus, the Wi-Fi access points are updated constantly during regular intervals.

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

4.3.2 - Number of Computers

1074

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

2299.13

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

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

Chennai Institute of Technology (CIT) has the policy for infrastructure maintenance as specified by the statutory bodies both in terms of quantity and quality. CIT provides the best infrastructure to all its departments and other functional areas to ensure the infrastructure needs and the requirement of Teaching-learning process. The infrastructure maintenance policy of CIT is ensuring its quality and cost, up gradation from time to time, proper accounting and safe guarding by providing inventory numbers on each equipment and maintaining asset register, upkeep of the equipment through regular cleaning, preventive and corrective maintenance including annual maintenance contracts, insurance against damage and theft.

To ensure the adequacy of the infrastructure including land, buildings, equipment, computer hardware and software, the norms of the statutory bodies like University Grants Commission (UGC), All India Council for Technical Education (AICTE), Affiliating University (Anna University) with regard to resource requirements shall be adhered. Records of all infrastructure including equipment, software, books and other items shall be maintained by all the departments and sections of the institute and to be entered in the stock register. All departments shall strictly follow the procedures and guidelines of the institute with regard to cleanliness, preventive and corrective maintenance of infrastructure.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

508

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

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

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

1865

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

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to Institutional website	www.citchennai.edu.in/aqar2024/criteria5/5.1/5.1.3%20INDEX.pdf
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
462	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
462	
File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

645

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

40

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

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

government examinations)

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

21

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

5.3 - Student Participation and Activities

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

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

9

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

At the commencement of the Academic year, the institution has a practice of identifying class representatives for each class

and nominating them to the student council. The student members are adopted by various administrative bodies. The council is responsible for the conduct of many activities in the college and includes curricular, co-curricular, and extracurricular activities. All the activities will be supported by faculty members. The details of various committees (Anti Ragging Committee, Grievance Redressal Cell, National Service Scheme, Entrepreneurship Development Cell, Women Development Cell) in which students are represented as members. Further, students are empowered to conduct and to involve actively in various clubs such as Mobile App, Photography, Digital Marketing, Social Media, Vehicle, SAE, ISHARE, Agri, Dance, Eco, Language, Music, and energy.

In all the clubs, various posts are assigned such as president, vice president, Treasurer, secretary and joint secretary to coordinate the clubs' activities.

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

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

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

24

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The CIT Alumni Association (CITAA) aims to link the alumni to the institution, develop synergistic plans to support the institution and achieve its vision, and enable the institute to add value to all its stakeholders. The Institute established an alumni cell in 2015 to maintain a good linkage between the institute and alumni. The alumni association was registered in March 2020 with registration no. SR552020 dated 24.03.2020. Every year Alumni meeting will be hosted by the Alumni association and supported by the Management where the alumni are invited to share their views and to create awareness about the professional world.

Contribution by Alumni:

Providing a forum to establish a link between the alumni and faculty to accomplish interaction with past and present students of this Institute. Organizing industrial training, internship programs, projects, employment opportunities, and other resources and facilities for career advancement to the Members and the Student community in various companies/organizations/institutions of repute through the Alumni.

Alumni donated an amount of INR Rs.583500/-to the institution for the academic year 2021-2022. Alumnus help in curriculum enrichment by providing their valuable feedback and guiding our students on competitive exams and career guidance through guest lectures and one-to-one interaction during Alumni meets.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	A. ? 5Lakhs
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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 and in tune with the vision and mission of the institution

Nature of Governance - Various decision making committees such as Governing Council, IQAC, Programme Advisory Committee , Grievance Committees and others through which the governance flow further to Program Coordinators, faculty, Class Representatives and students to implement and monitor the academic/administrative matters of the institution.

Leadership Driven by Vision and Mission - Starting in the year 2010, the institute from an intake of 300 from 5 programs of UG in Engineering became tenfold offering programs in UG Engineering, PG Engineering, PhD research Center. Strategic and deliberate decisions include appointing Quality faculty from Different Government Universities and research centres.

Participative governance and Autonomy - Institute ensures seamless management systematically, encouraging participative leadership by involving various stakeholders at appropriate levels of decisionmaking. A trusting environment is cultivated where employees have appropriate autonomy to function effectively.

Transparency- Faculty members participate, through corresponding Functional Committees, in finalising curriculum design, teaching methodology, examination reforms and student welfare. Such participation brings transparency to the governance and inherently encourages team- work and effective implementation of decisions.

Perspective plan- It focuses on getting all the eligible UG programs accredited by NBA, NAAC Accreditation with A++, Aiming to get NIRF rankings in Top 200, maintaining 95% above placements.

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

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

Vision and Mission statements define the quality policy of the institute in very well manners which are designed by the Top management, the Principal, IQAC Coordinator, program coordinator and senior Faculty members of the institute. An action plan is prepared collectively by the Principal, Program Coordinators, IQAC for implementing the quality policy. According to the action plan, specific roles are assigned to various faculty members. The Principal provides leadership for the academic administration and creates an effective environment conducive for learning. He ensures that quality education is imparted to the students that foster the holistic development of the students. He also ensures all-round development of the Institute and achievement of strategic plans of the institution. The institution has in place several Committees to continuously monitor the academic and administrative activities. The committees comprise of key stakeholders including government, administrators, faculty, staff, industry, employer, alumni, parent and students. The top management provides effective academic leadership to the faculty, by setting goals and involving them in participative decision-making process, not only to achieve the vision, mission and goals of the institute, but also in building the organizational culture. The Principal permits the HODs and staff members in performing freely in the AAA.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Strategic Plan seeks to leverage the strengths that CIT has

developed over the decades and to build upon them and acquire or develop new strengths. In particular, the Strategic Plan proposes to nurture the large groups of faculty working on transformational technologies that have the potential to address the societal challenges faced in India today- specifically in areas such as water, energy, healthcare, education, housing and waste management etc.

Strategic Plan like Enhance engagement with Society, Diverse Student learning environment, Enhance engagement with Industry, Improve internal support systems, Enhance alumni engagement, Enhance Research Culture, Academic Autonomy and Industry Oriented Curriculum

The team consisting of Principal, Heads of Departments and senior faculties are the prime body that develops drives and deploys the policy. To facilitate better planning and implementation, an Internal Quality Assurance Cell (IQAC) is formulated strictly as per the guidelines of NAAC. The IQAC meets periodically to discuss and proposes plans/measures for strengthening the following aspects:

Curricular Aspects

Teaching-Learning and Evaluation Research, Innovations and Extension Infrastructure and Learning Resources Student Support and Progression Governance, Leadership and Management Institutional Values and Best Practices

The conclusions arrived at IQAC meeting is carefully reviewed and policies are further formulated for corrective actions.

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

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

Governing body

The management stands as an asset to the system and stakeholders. The Governing Council takes the responsibility of monitoring and implementation of activities in the strategic plan of institution. CIT builds a better nation through "Transforming Lives" being the motto of the institute. Continuous and meticulous efforts are ensured to maintain quality in both academic and administrative levels.

Administrative setup

Principal is the chairperson of administrative and academic activities of the institution. Head of the Departments take the responsibility of handling above activities of their respective department. They are entitled to take decisions as per the needs of the situations in exigencies and get them ratified by the Head of the Institution subsequently at a later stage. Based on the experience and the expertise of the faculty members, students' team leads have been identified to lead different teams which are functioning effectively which is monitored by year coordinator and class advisors. The Principal, HODs, Year coordinator, class advisors and students team leaders are sanctioned impress amount, for seeing the execution of multiple events scheduled.

All policies are available in the college webiste.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Governance structure of the institution conveys total transparency at various levels in the organization. Innumerable welfare measures are executed to assist the staff. The critical staff welfare measures are recorded underneath.

1. Faculty members are promoted for self-development programs and higher education.
2. Implementation of pay revisions
3. Grant of Promotions as per norms
4. Implementation of Provident Fund and Gratuity schemes
5. Various leaves such as vacation leave, casual leave, Special casual leave, compensated casual leave and maternity leave are available for teaching and non-teaching staff.
6. Free Transport facility for teaching and non-teaching staff.
7. Free food is provided in college mess for all teaching and non-teaching staff.
8. Purified drinking water (RO) is provided round the clock.
9. Financial support is provided for staff towards membership fee of professional bodies.
10. Special leave (15 Days) along with gift is provided for staff wedding.

11. The Institution appreciates faculty on acquiring higher qualifications and special achievements.

12. Uniform is also being provided for teaching and non-teaching staff, drivers, attenders, and securities.

13. Waiver of fees facility is there for staff children studying in institution.

14. Upto 2 lakhs loan with no interest.

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

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

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

285

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

102

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

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

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

285

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

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

The management evaluates the performance of the faculty based on teaching, research, participation in teamwork, arranging co-curricular and extracurricular activities and publication work.

They are awarded and appreciated during teachers' day celebrations. The appraisal system motivates the staff to excel and put forth the best of their efforts. Staff retention is one among the strengths of the institution.

The following factors are deeply analysed in the appraisal system for teaching staff. An effective performance appraisal system helps the faculty in improvising their performance, enhancing their professional growth and contributing to institutional performance. The performance appraisals provide the information useful for promotion / increment determinations and at the same time, it offers an opportunity for evaluation and discussion of employee weaknesses and strengths.

The faculties are appraised based on

Self-appraisal report - Provide the information about academic performance, Research contribution, developmental activities of Department and Institute

Student's feedback - online and oral in class committee meeting.

HOD's evaluation based on the above the analysis the following actions are implemented, Faculty members are assisted to evaluate their strengths and weaknesses.

Like this many parameters considered to analyze the performance of the teaching and non teaching faculty.

File Description	Documents
Paste link for additional information	Nil
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 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal Audit is performed by Accounts Manager deputed from Parthasarathy Seeniammal Educational Trust office periodically. During the course of Internal Audit, all required steps are taken to regularize the accounts and obtain confirmations for

the credit balances, collect documentary evidences wherever inadequate in respect of payments, compliances of Tax Deducted from the source (TDS). The consolidation of the findings of the Institutions with Trust office has been completed and the annual returns have been submitted to Income tax Authorities and to the other relevant authorities concerned.

External Audit is done by the Auditors at the end of the every financial year. The reports are obtained before conducting external audit which is normally done after the closure of the accounts in all respects. The copy of the internal audit report covering all matters related to maintenance of accounts is preserved. Subsequently, External Statutory Audit is conducted by the auditors and the final audit report with audit findings are submitted to the Management.

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

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

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

0

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

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

Fund resources:

Tuition fee, hostel fee and transport fee from the students

Donation received from Non-Governmental bodies

Corpus fund

Rent and service income collected from Tata Consultancy Service for conducting online exams.

Service income collected for conducting online exams (NEET, GATE, SSC, UGC NET, IBPS, RRB).

Service income collected from industries for conducting training program. (Daimlers, Kadimi steels, Salsar, Mando).

Interest amount recurred from fixed deposits.

Recurring Expenses

Salary to staff, academic activities, transport, hostel and Institution maintenance.

Research activities

Scholarship to the needy students through 'HELPP'

Non-Recurring Expenses

Infrastructural development facilities and building construction works.

Lab Equipment, Computers, Software and Gymnasium Equipment.

Management allocates budget to create and upgrade the infrastructural facilities in tune with

the modern trends and for construction works.

Extra-curricular activities

Playground has been created to provide ample opportunities for conducting sports activities and enabling student participation.

Green atmosphere is maintained. Sewage Treatment Plant (STP) is installed to treat sewage water. The entire collected treated

water is utilized for gardening purpose.

Ample care is taken to uphold cleanliness in the campus.

Solar power plant of 300kW has been installed.

The institute utilizes the policy of solar power plant and water heater effectively as it saves revenues.

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

6.5 - Internal Quality Assurance System

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

The IQAC Cell is constituted as per the guidelines of NAAC. IQAC reviews, identifies gaps and reforms the policy to ensure quality system in place.

One case study is depicted below.

Case Study: "Encouraging and motivating the faculty members for their research output by financial support and by awards"

Strength of an Educational Institution is measured by research productivity, knowledge generation and innovation. The attainment of these activities depends upon the alignment of faculty with all the aspects of research initiatives being undertaken at the Institution level. CIT aims to achieve excellence in research and strives to be one of the top 100 Institutions in India in research frontier.

We have separate CIT Research Promotion Support Schemes for research paper publications to motivate the faculties to do the research individual and collaborate with other institutes like IIT/NIT and other reputed universities from other countries and Industries.

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

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

At the beginning of every semester the allocated course coordinator review the syllabus and prepares a course plan for that subject based on the course outcome and schedules a 60 to 70 hours plan to deliver it. He/she also makes a day wise schedule plan, methodology being used, pedagogies and what is expected out of that lesson.

Course files or planning documents of every course are used to bring objectivity and strategize the course of teaching and learning for every topic. The teachers go through the syllabus and ensure that all the registered students full fill the pre-requisites of the course. They check if the students have a fair knowledge of the basics, so that they are able to understand the teaching. The Program Structure, Course Syllabus, Course Session Plan, Time-table, Master Academic Planning Worksheet are made available to the students before the commencement of the semester. Daily monitoring of conduct of the classes is done by the in each department. Regular meetings of course faculty are held with Head of the institution to review the course delivery and student learning progress.

Following are few parameters on which review is conducted.

Curriculum Level, Co-Curricular Level, Extra-Curricular Level, Organisation level.

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	A. All of the above
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File Description	Documents
Paste web link of Annual reports of Institution	https://drive.google.com/file/d/1uCQUSN3X5Y1t-1NY1ON8KVQ7vinlQcPv/view
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

As per the recommendation of the National Commission for Women, Govt. of India., the Internal Complaints Committee of CIT has been working since 2018. Several awareness programs were conducted. Several competitions were held during the awareness programs and active students were awarded for motivation. Students were made aware of their legal rights by invited expert speakers and legal advisors who are experts on women's issues. CIT approximately has 29% of female staff and 25% female students. Women occupy a good number of top posts in the hierarchy of the institute and play an important role in policy-making by being in key positions. SAFETY AND SECURITY: 160 CCTV cameras, Feedback boxes, and self-defense training programs COUNSELING: A professional Counsellor is extending counseling & Mental Wellness services to students. Common Room: The following facilities are available. 1. Visitors' Room 2.

Dispensary 3. Gym and Yoga room 4. Ladies' common rooms A forum by the name WISE (Women in Science and Engineering) has been functioning at the campus with office bearers with female staff and female students. Support for working women and empowerment: Leadership capacity-building programs are regularly conducted to nurture leadership qualities among women. International Women's Day is celebrated.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

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

A. 4 or All of the above

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

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

Solid waste management: The institute has dustbins for all floors, all the departments, common areas, canteen, mess and every other open area. The institute segregates recyclable and biodegradable waste. The copies and other papers are recycled and made available to students as laboratory record books at a very nominal rate. The other biodegradable dry solid waste such as dead leaves, papers etc. are converted into compost Use of plastics is strictly banned inside the premises. Only urgent and unavoidable works are paper dependent in the departments.

Liquid waste management: A sewage treatment plant with a capacity of 100kl in 18 working hours per day is installed and the treated water is used for irrigation in the institute and other nondrinking water purposes. Eco friendly floor cleaners are used for floor and rest room cleaning and the water is disposed off to the sewage treatment plant for recycling. **E-waste management:** Bins are made available for all the stakeholders near the computer centre to collect the E-waste and is disposed through authorized vendors for recycling. Buy back agreement is preferred during purchase of computers, machineries, electronic equipment.

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

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

A. Any 4 or all of the above

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

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

A. Any 4 or all of the above

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

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

Tolerance and Harmony towards Cultural & Regional factors To promote cultural and regional heritage with diversity, different festivals and cultural events are organized on the campus to reflect the integrity and unity. Some of the popular regional festivals are celebrated which are identified based on the demographic distribution of the students and faculties.

Communal factors: Students and staff demonstrates communal harmony by celebrating the festival Diwali, Eid, Christmas and Holi collectively irrespective of religious, racial, cultural and lingual identities.

Socio-economic & other diversities So far 2500+ students are graduated from the institute from 2014 onwards. Majority of them are from rural areas and belong to middle class. Nearly 85% of the students got employment and supporting their families. The institute strives for uplifting the students and their families socially and economically. To promote diversity among the students and faculty, the institution provides an eco-system and enabling environment for the co-existence of the people coming from different culture, region, linguistic and other socio economic diversities.

Linguistic Diversity This diversity covers varied types of traits including language family, grammar, and vocabulary.

Socio-economic Diversity Majority of the students are from rural areas and belong to middle class.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

Chennai Institute of Technology in the motto of Transforming the Lives is also committed in creating the best citizens for the country. Activities to sensitize our students and employees to the constitutional obligations for the academic year 2022-23.

Constitution Obligation 1. Human Values 1.1 Socialism Webinar on Mental Health during the COVID 19 National Vaccination Day Career Guidance Program for School Students Webinar on Fighting Climate Change through Diet 1.2 Secularism Blood Donation Health Check Up Camp Homage to Soldiers killed in Pulwama Attack 1.3 Democracy Republic Day Independence Day 1.4 Justice Webinar on Educating the women National Constitution Day Program 1.5 Literacy Providing Education to The Underprivileged Rural Students 2. Responsibilities 2.1 Voting Voting in the Election 2.2 Volunteering COVID-19 Relief and Awareness Campaign Swachh Bharat Internship Program Camp Tree Plantation Program 3. Duties 3.1 Defending the nation Police Commemoration Day 3.2 Obeying laws Helmet Awareness Program Road Safety Awareness Program Disposal Awareness Program 4. Rights 4.1 Legal Awareness on Voting Rights 4.2 Social Awareness Program on Human Rights The Institution with the Student and Staff engagement in the above-mentioned Training programs, Awareness Sessions and Outdoor engagement activities ensure that the students are moulded as ideal citizen.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

<p>7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff</p> <p>4. Annual awareness programmes on Code of Conduct are organized</p>	<p>A. All of the above</p>								
<table> <tr> <th data-bbox="97 689 533 757">File Description</th><th data-bbox="533 689 1388 757">Documents</th></tr> <tr> <td data-bbox="97 757 533 857">Code of ethics policy document</td><td data-bbox="533 757 1388 857">View File</td></tr> <tr> <td data-bbox="97 857 533 1149">Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims</td><td data-bbox="533 857 1388 1149">View File</td></tr> <tr> <td data-bbox="97 1149 533 1218">Any other relevant information</td><td data-bbox="533 1149 1388 1218">View File</td></tr> </table>	File Description	Documents	Code of ethics policy document	View File	Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File	Any other relevant information	View File	
File Description	Documents								
Code of ethics policy document	View File								
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File								
Any other relevant information	View File								
<p>7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals</p>									
<p>Our Institutionis dedicated to cultivate ethic and values among students and faculty. To promote the same, the college organizes national festivals as well as anniversaries for the great Indian personalities. Our students are on a mission to a better India by breaching the barriers of faith and caste. Thoughts of great Indian personalities have sown in young minds through the exhibitions and programmers of these days The institute celebrates Days of national festivals, commemorative days various events and festivals. 24th Jan National Girl child day (India) 25th Jan Voter Day 26th Jan Republic Day (India) 3rd Feb World Cancer Awareness Day 4th Feb World Cancer Day 23th Feb World Peace and Understanding Day 28th Feb National Science Day 8th March International Women’s Day 22 March World Water Day 7th April World Health Day 22nd April Earth Day 8th May World Red Cross 11th May National Technology Day 21st August World Entrepreneurship Day 5th June World Environment Day 14th June World Blood Donor Day 2st June International Yoga</p>									

Day 15th Aug India's Independence Day 5th Sep Teachers Day 15th Sep Engineers Day

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

BEST PRACTICE 1 Title: Learning Ecosystem for Holistic Development Objective: Students are developed into resourceful persons with necessary skill sets Context: Restructure the engineering education systems Practice: Differential Learning (High Performer, Cat-on-the-wall, Poor Learners). Additional coaching for Poor Learners. Career oriented skilling based on aspirations, etc. Active Learning, Problem and Project Based Learning (PBL) within class room, through Centres of Excellences (created in collaboration with Industry) Participating in Technical Symposiums, Competitions, Hackathons, etc. (internal and External) Talkathon to enhance communication skills Access to e-Learning contents like NPTEL, Coursera courses to encourage self-directed learning Faculty building - by FDPs

Problems encountered: The activities followed for holistic development are not part of the curriculum and included by extended working hours.

BEST PRACTICE 2

Title: Grooming for Innovation and startups Objectives: To make students Job creators. Context: The college has center for Innovation ,encourages students with newer ideas by way of design thinking, brainstorming, etc. Practice: The students are facilitated to innovate and start up their own concerns. Evidence of success: students coming up with ideas and the number of start-ups is increased from 4 to 15 in the year 2022-23 Problems encountered: It is time-consuming to make them

think innovatively and concentrate on academics

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

INDUSTRY POWERED LABORATORIES Chennai Institute of Technology has a unique feature of housing Industry Powered Laboratories within its campus to enhance industry collaboration with the institution. Being an industryoriented college, CIT offers its students academic excellence along with increased exposure and connectivity with industries thereby narrowing the gap between industry and academia. The industry advisory board had been formed right from the inception of the college when it was well known that Engineering graduate was unemployable due to a lack of knowledge and skillsets required to perform in the industry. Very thoughtfully under the able guidance of the chairman Shri P. Sriram, the management has roped in more than 14 industries specializing in the fields of Civil, Mechanical, Electrical, Electronics, and Computer Science Engineering within its campus in order to provide the necessary training to understand the basic and applied concepts in their field of specialization. This has benefitted the students immensely by way of internships, placements, patent filling, higher studies in India and abroad as well as startups. This initiative has also improved their interest in research which could be seen by the increased publications by students.

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

7.3.2 - Plan of action for the next academic year

The plan of action for the next academic year is as follows:

Autonomy – Design of Industry Customized OBE Curriculum • Top ranked Research Institution • NIRF Ranking in Top 50 • NAAC with A++ Grading • International Accreditation • 25% revenue generation other than Fee collection • Research Park • Additional hostels to accommodate 1000+ students • International Students Admission • Student Diversity across the country • Average salary package in the range of around 8 Lakhs • 25% Students to pursue masters program in Top QS ranked Institutions • 10% Student Entrepreneurs • Min 2 SCI Publication per faculty per year • 100% faculty with PhD Qualification • Faculty Startups • Inducting more Faculty from foreign universities, Industries & Research Organizations • NBA for All Eligible Programs • Multi Disciplinary Engineering Programs and Management Program • Research Center recognition for all departments