



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	CAMBRIDGE INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr. G Indumathi
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08025618799
• Mobile No:	9880411116
• Registered e-mail	principal@cambridge.edu.in
• Alternate e-mail	registrar@cambridge.edu.in
• Address	Basavanpura Main Road, K R Puram
• City/Town	Bangalore
• State/UT	Karnataka
• Pin Code	560036
2.Institutional status	
• Type of Institution	Co-education
• Location	Urban
• Financial Status	Self-financing

• Name of the Affiliating University	Visvesvaraya Technological University
• Name of the IQAC Coordinator	Dr. Shashikumar D R
• Phone No.	08025618799
• Alternate phone No.	08025618798
• Mobile	9880103023
• IQAC e-mail address	iqac@cambridge.edu.in
• Alternate e-mail address	naac@cambridge.edu.in
3. Website address (Web link of the AQAR (Previous Academic Year))	https://engg.cambridge.edu.in/wp-content/uploads/2021/05/AQAR-2019-2020.pdf
4. Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://engg.cambridge.edu.in/wp-content/uploads/2022/05/Calender-of-events-1.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.85	2017	22/02/2017	21/02/2022

6. Date of Establishment of IQAC 28/01/2016

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
CITECH - ECE	NIDHI EIR fellowship program	DST NIDHI EIR	2020-21 365	1000000
CITECH - ECE	Customized reconfigurable platform for image/video compression	ISRO	2020-21 730	3019200

	based on Deep learning			
CITECH - ECE	Autonomous Delivery Robot	KSCST	2020-21 180	5000
CITECH - ECE	Platoon Delivery System	KSCST	2020-21 180	5000
CITECH - ECE	Accident Prevention Using IR sensor	VTU	2020-21 180	5000
CITECH - ECE	Pipe Inspection Robot	VTU	2020-21 180	5000
CITECH - CSE	Short Term Training Program under AQIS - Cyber Security and Blockchain	AICTE	2020-21 15	373000
CITECH - CSE	Samsung Project	Samsung	2020-21 180	111000
CITECH - CSE	Skycooling-Phase 1	Climate ETC Technology Services Private Limited	2020-21 60	340000
CITECH - CSE	Skycooling-Phase 2	Climate ETC Technology Services Private Limited	2020-21 60	500000
CITECH - BSC	ATAL FDP	AICTE	2020-21 05	93000

8. Whether composition of IQAC as per latest NAAC guidelines

Yes

<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	04
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> • If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
L&D classes	
National & International Collaboration	
Vision 2025	
NEP 2020	
AKAM & 360 degree feed back	
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
Conduction of L&D Classes for students	L&D Classes were conducted successfully by our Alumni team.
National and International Collaborations	Two International collaborations were signed and national level collaborations were done for conduction events under NEP 2020.
AKAM & 360 degree feed back	Under AKAM many events were conducted in the college from 1st September 2021 to 15th September 2021. 360 degree feedback system and data collection is in progress.
NEP 2020	Theme based webinar sessions on completion of the one year of transformative reforms under NEP - 2020 were conducted for ten days on NEP 2020 in sync with national level events from 30th July 2021 to 10th August 2021. Many events and webinars were organized under the NEP 2020 to create awareness among students and faculty.
Vision 2025 and Goal Setting	As part of the Vision Research committee is strengthened and the activities at the Centre have significantly improved.

13. Whether the AQAR was placed before statutory body?	No
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- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021	10/03/2021
Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	386
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	2982
File Description	Documents
Data Template	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	282
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	656
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	190

File Description	Documents
Data Template	View File
3.2	190
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	65
Total number of Classrooms and Seminar halls	
4.2	2641.43
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1146
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	
<p>Cambridge Institute of Technology is affiliated to VTU, Belgaum and currently Choice Based Credit System (CBCS) is being followed which is prescribed by the VTU. Adhering to the norms of VTU, the governing council of the college is constituted which provides necessary guidance and monitoring of key activities related to effective delivery of curriculum and other academic activities.</p> <p>The Academic team composed of Principal and Heads of all departments, prepare the action plan in advance after collecting inputs and developing strategy for effective implementation of the curriculum which is further disseminated in the department level meetings with respect to the following and more.</p> <ul style="list-style-type: none"> • Calendar of events 	

- Class time table
- Bridge courses
- Lesson plans
- Counselling

The highest priority is given to the teaching - learning process which is delivered through,

- Chalk and Talk
- Presentations
- Experiential learning
- Case studies
- Flipped classrooms
- Seminars and Guest Lectures
- Internships
- Student centric approaches
- Workshops
- Theme based projects
- Industry oriented capstone projects
- Activity based learning
- ICT tools

Three IA tests are conducted and after each IA test, blue books are evaluated by the faculty as per scheme of evaluation. Concept of Rubrics is used for the evaluation process which is scrutinized at the department level and by IQAC cell.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://engg.cambridge.edu.in/lms-guide/

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

In addition to the prescribed curriculum of VTU, the college has strategized ways and means to strengthen the teaching-learning process in the following ways:

- Advance planning of Academic activities and calendar in alignment with the University Calendar of Events.
- Preparation of course file as per OBE teaching plan at the beginning of the semester.
- Academic performance of students evaluated based on the

internal assessment of both theory and laboratory.

- Laboratory assessment based on the defined rubrics with continuous evaluation.
- Conduct of two internal tests and one model examination for lower semester and three Internal Tests for higher semester in every semester as per the academic calendar and VTU regulations.
- Conduction of internal test is centralized and controlled by the Controller of examination as per the directions from the Principal.
- Question paper set by the respective course instructor will be scrutinized by the question paper scrutinizing committee and further scrutinized by IQAC cell.
- Final Lab internal evaluation is conducted as per calendar of events.
- Conduct of remedial classes and extra classes for the slow learners is carried out on a regular basis.
- Organizing suitable guest lectures and industrial visits to improve the effectiveness of implementation of the curriculum prescribed by VTU.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://engg.cambridge.edu.in/iqac/

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	No File Uploaded

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

10

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)

48

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

2369

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

2369

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

1.3 - Curriculum Enrichment

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

The affiliating University, VTU has integrated cross cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. Students at Cambridge Institute of Technology are trained to follow professional ethics in all academics related activities. As part of ISR (Institute Social Responsibility), activities students are encouraged to help the needy and contribute to the society. Most of the student's projects are focused on UN Sustainable Development Goals (SDGs).

Moral values and Professional Ethics are inculcated through various orientation and induction programs. In addition to the university curriculum, the institution conducts programs on gender sensitization, women welfare, human values and professionalism to shape students into good citizens.

Community Social Impact is established to conduct various events on environment and sustainability. A few courses integrate environment and sustainability related issues in experiential and activity based learning (AVISHKAR and LOKAHITA). Various committees in the Institution are constituted to maintain peace and harmony amongst students through various activities such as:

- Courses on Environmental studies and Constitution & Professional Ethics
- Sexual harassment prevention
- Anti- ragging awareness
- Swachh Bharat Abhiyan and Blood donation camp
- Cultural activities and Social service activities in the form of ISR (Institute Social Responsibility).

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	View File

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

138

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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

2841

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

A. All of the above

**from the following stakeholders Students
Teachers Employers Alumni**

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://engg.cambridge.edu.in/feedback/

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 sanctioned seats during the year

978

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

171

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Student admitted into the institution undergoes orientation programme. Bridge Courses for Mathematics, Basic Sciences and Domain specific courses to address the knowledge gap of the students are being conducted on a regular basis. Skill enrichment courses, personality development programs, symposia, workshops, technical fests, conferences are conducted to improve the students' holistic growth and learning ability.

A project exhibition-INTUIT is conducted and projects are assessed by industry/academic experts.

Advanced Learners:

The advanced learners are involved in peer teaching to enhance their leadership / presentation skills. They are motivated to carry out innovative projects in association with industries and financial support is provided from the Management for the selected projects. They are also encouraged to prepare for online certification courses / competitive examinations / publish papers and participate in symposiums, seminars, workshops.

Rank holders / Toppers are honoured with gold/silver medals.

Slow Learners:

The slow learners are identified based on performance in internal assessment and previous academic records. The institution has an effective mentoring system to monitor the performance of slow learners. Progress report after every internal examination is forwarded to parents through post/email.

Remedial classes are conducted for critical subjects to clarify the doubts and to strengthen understanding of the concepts.

File Description	Documents
Link for additional Information	https://engg.cambridge.edu.in/naac/wp-content/uploads/2022/03/2.2.1-FINAL-NAAC.pdf
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
2982	190

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

The academic calendar is prepared with schedule for various activities including curricular, co-curricular and extra-curricular activities.

The effective Learning Environment for students is created by providing opportunities to participate in workshops, seminars, Theme based projects, Industry visit, Mini projects, Internship, Industry visit, Expert Lectures, Online certification course, Flipped classroom, Conceptual Teaching

Industry visits are arranged on regular basis to understand and witness corporate culture, policies and procedures practiced in the industry.

Expert Lectures are arranged through in-house faculty or external expert for providing additional inputs on specified topics as part of enhanced learning. Alumni are also involved in sharing their expertise and experience through guest lectures and workshops which also build a strong alumni institute interaction.

Opportunity of internship is provided for students to gain knowledge of industry functions and its operations. It is mandatory for every student to complete Internship in Industry.

All students are encouraged to register for online certification courses under MOOC platform like NPTEL, Course era, Infosys spring board, UdeMy etc. This provides better career opportunities and helps to develop lifelong learning attitude

Critical subjects and design-based subjects are thought through 3D models, cross-sectional views, animated videos, and hands-on practice for clear understanding of the concepts.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://engg.cambridge.edu.in/naac/wp-content/uploads/2022/03/2.3.1-IOAC.pdf

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

The following methods are adopted in the institution in teaching-learning process:

1. The institution has provided modern teaching aids coupled with required equipment for the laboratories and classrooms.
2. A full-fledged LMS (Learning Management Systems) platform Cambridge Raise through Olympus Great Learning has been procured and provided for faculty and students to enable effective online teaching-learning experience.
3. The institution has 47 ICT enabled classrooms equipped with LCD projectors, projector screen, laptop connecting facility and 10 classrooms with smart boards.
4. The faculty has adopted relevant ICT methods like videos, PPTs, simulations, animations, e-quiz and many more activities depending on the course and the situation to create the best learning environment for the students.
5. The student and faculty members have access to resources in digital library such as NPTEL , NDLI, VTU e-learning, e-books, technical magazines and journals .
6. Course reference and support materials are prepared by faculty members and these materials are made available to the students. The materials are also shared through Google classrooms and Great Learning (LMS).
7. The institution has provided 15 Laptops, 63 digital writing pads and digital panels to various departments and Wi-Fi facility with 530 Mbps internet band width.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://engg.cambridge.edu.in/lms-online-learning/

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

160

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

190

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

49

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

1065

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 is considered as part of CIE which consists of two parts Direct and Indirect Assessment:

Direct Assessment:

- The internal test is centralized and controlled by the Chief Superintendent and the Controller of Examination and department test coordinators supported by all faculty for smooth conduction of tests.
- The portions for test are intimated to students by concerned course instructor.
- The questions are set based on the approved format and the pattern of the question paper is circulated to all the students in advance.

- 3 Question papers are prepared by subject teachers for each internal examination. The question papers are scrutinized by the IQAC, COE selects one question paper randomly for the conduct of internal examination.
- The schedule of internal assessment is included in calendar of events and is circulated among all students at the beginning of the semester.
- The solution of the question paper is discussed with the students during the distribution of evaluated blue books.

Indirect Assessment:

The indirect assessment is done through in-class and post class activities like Unit test, Assignments, MCQ, Quiz, Seminar presentation, Group discussion, Case studies.

File Description	Documents
Any additional information	View File
Link for additional information	https://engg.cambridge.edu.in/about-iqac/

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

The Institution has established centralized examination center comprising of Controller of Examination (COE), exam co-coordinators and supporting staff. It is the responsibility of COE to prepare schedule based on calendar of events, arrange for scrutiny, preparation of Question paper, invigilation duty, room allotment.

The students are instructed by COE to report to the exam center well within the scheduled time. Any issues like non availability of answer booklets or any discrepancies in Question paper, missing USN will be immediately addressed by the COE. Any student is caught under Malpractice case will be handled by the COE and the concerned department and suitable action will be immediately initiated. Cameras are installed in the examination center and all academic rooms to ensure smooth conduction. The entire system of examination is under strict supervision and also any grievances of students in terms of valid ID, USN, seating arrangement, QP problem etc will be immediately addressed.

The students are given an opportunity to check the IA marks after

every assessment . The students are allowed to check the final marks which are to be sent to VTU. Any discrepancies can be reported by the students and suitable actions are taken up immediately to address the issues.

File Description	Documents
Any additional information	View File
Link for additional information	https://engg.cambridge.edu.in/naac/wp-content/uploads/2022/03/2.5.2-SOPs.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

- The syllabus is defined by the University.
- The course is allotted to course instructor.
- The course instructor defines the course objectives, course outcomes for the course, considers the COs as defined by the University.
- The course instructors will define the correlation matrix of CO vs PO and PSO. This is also presented in the department to the faculty members for their comments/verification.
- The COs are also presented to the stake holders (students) before the delivery of the course.
- The lesson plan is prepared for each of the course by the course instructor with the activity planning to fill up the gap (Refer flow diagram).
- After a course is delivered, the students are assessed for the course outcomes along with PO and PSO.
- The question papers for IA are also mapped to COs which the students are aware of.

The vision, mission, PEO, PSO defined by each department will be sent to the stakeholders namely, faculty, students, parents, alumni for feedback. After obtaining the feedback vision, mission, PEO and PSO are finalized at the department level and the finalized copy is published in the website. It is also printed on all the academic documents like Lab manuals, blue books, records, and department brochures. The same is displayed in all the lecture halls, laboratories, Display boards and corridors.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://engg.cambridge.edu.in/igac/learning-outcomes/
Upload COs for all courses (exemplars from Glossary)	View File

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

Direct Attainment:

- The attainment is calculated through direct assessment and indirect assessment.
- Direct assessment is through internal assessment and external examination.
- Indirect Assessment is evaluated through rubrics for various in-class activities, like Quiz/MCQ/Case studies/Lab Activity/Mini project/Seminar.
- Direct Attainment of each course is calculated based on the CO mapped to each question (defined in the process document).
- CIE (Continuous Internal Evaluation) is calculated as follows:
 $0.9 \times \text{direct assessment} + 0.1 \times \text{indirect assessment}$.
- SEE (Semester End Evaluation) Calculation is based on the university results and course attainment is as follows:
 $0.2 \times \text{CIE} + 0.8 \times \text{SEE}$.
- PO and PSO attainment is based on the mapping strength of CO for PO/PSO.
- As per the process document defined, the PO and PSO attainment is calculated and CO-PO, CO-PSO matrix is defined.
- Attainment for Lab, Project, Technical Seminar and Internship are evaluated based on rubrics developed.

Indirect Attainment is calculated based on the data collected through survey:

- Graduate Exit Survey.

- Alumni Survey.
- Employer Survey.

Thus CO, PO and PSO attainments are calculated.

Total attainment is Direct Attainment + Indirect Attainment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://engg.cambridge.edu.in/naac/wp-content/uploads/2022/03/2.6.2-CiTech-Primer.pdf

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

663

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://engg.cambridge.edu.in/annual-report/

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://engg.cambridge.edu.in/wp-content/uploads/2022/05/STUDENT-SATISFACTION-SURVEY-2021.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)**56.02**

File Description	Documents
Any additional information	View File
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 departments having Research projects funded by government and non government agencies during the year**3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year****3**

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.kscst.org.in/spp/44_series/44S_SPP_Sanctioned_Projects_List.pdf

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year**3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year****107**

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

69

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

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

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

32

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

3.3 - Extension Activities

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

Aligning to the vision of AICTE, the institute supports the socioeconomic development of the country by enhancing the global competitiveness of technical manpower and fosters on extension

activities mainly to sensitize the students on the impacts of technology and related holistic developments. Spectrum of activities ranging from planting trees to cleaning nearby lakes, from blood donation camps to helping the poor and marginalized society, from enacting drama to sensitize the importance of education, COVID-19 situations and Swachh Bharat had been undertaken by students with the guidance of faculty. Our continued efforts resulted in zero waste campus.

Our students are proactive, their active participation is not out of compulsion. Unity among diversity is implied in our multi linguistic society. This has helped our students to understand and celebrate cultural events such as Rajyothsava day, Independence Day, Republic Day, Teachers' and Engineers' Day, etc. every year to give students the experience of patriotism and honor our country's glorious past. Training on yoga is conducted for all the students as part of the induction program. Students are sensitized on the safety and security of women around us and on other aspects in general.

File Description	Documents
Paste link for additional information	https://engg.cambridge.edu.in/csi/
Upload any additional information	View File

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

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

36

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

3.3.3 - 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

3.3.3.1 - 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

35

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 last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

2693

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

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

190

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

8

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institute has provided following infrastructure and physical facilities for academic and administrative activities.

- The campus is situated in 12.65 Acres of land with two academic blocks, two workshop blocks with a built-up area of 36067 Sq. Mtrs, Three hostel blocks with an area of 9214 Sq. Mtrs, Cafeteria, Canteen, Coffee Café Day outlet and Convenience store.
- The institute has 61 lecture halls out of which 56 are equipped with LCD projectors, LAN facility, 5 ICT enabled seminar halls and 7 research centers.
- An Auditorium with seating capacity of 1000, equipped with state-of-the-art facility.
- 10 Labs / Lecture halls are fitted with 65-inch Smart Interactive panels.
- The institute has 74 LCD projectors installed and 63 digital writing pads exclusively for online teaching.
- Library & Learning Resource Centre (LLRC) has 30465 books, 5907 titles, 17 magazines, 40 National Journals, and 16 regular newspapers and Integrated Library Management Software- LIBSOFT

- Digital library has 30 computers and Reading Hall with 250 seating capacity.
- The institute has 1146 computers with 530 Mbps internet connectivity.
- The Wi-Fi network has 68 access points.
- The college has 61 Printers /Printers with scanners and reprographic machines.
- Institute has 15 Licensed and 38 Open-source software.
- Power backup by 3 Diesel generators.
- The campus has health center, CCTV cameras and fire extinguishers.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://engg.cambridge.edu.in/infrastructure/

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

The institute believes in the holistic development of students. In order to facilitate the overall development, lot of emphasis is given to curricular, co-curricular and extracurricular activities.

Cultural activities:

The institution organizes Inter-collegiate Cultural Fest "CHIGURU" which provides an ideal platform for the students to exhibit their talents. The cultural committee organizes intracollege cultural events on various occasions like Kannada Rajyotsava, college fest to name a few. Students participate in University level youth fest and other inter collegiate cultural. Each department arranges co-curricular activities through department forums in their respective departments.

- The spacious lawn area of 200 Sq. Mts and widespread campus area to conduct internal and external events.

Sports:

- Institute has sports ground of 8041 Sq.Mts.
- 200-meter athletic field for jumps, throws and runs.
- Futsal court available to play mini football.

- Two Basketball courts are available to conduct national level competitions.
- An indoor play area of 800Sq.ft available for sports like Chess, Carom, Table Tennis, ShuttleBadminton etc.
- Two Indoor shuttle Badminton courts.
- Two table tennis tables are available to conduct national level competitions.

Gymnasium and Yoga:

A well-equipped gymnasium facility with built up area of 750 Sqft. Yoga center is available within the campus to enhance the wellness of staff and students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://engg.cambridge.edu.in/sports/

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

61

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

61

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://engg.cambridge.edu.in/ict-facilities/
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)

2641.43

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

4.2 - Library as a Learning Resource

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

Library is fully automated using LIBSOFT, a library management software. Library has rich collection of 31359 volumes of books comprising 6016 titles, 40 National Journals, 17 magazines, 16 regular newspapers. All the documents in the library have been classified as per Dewey Decimal Classification (DDC) scheme. Barcode technology has been incorporated in the library. The library has 30 computers to access online resources.

LIBSOFT has many modules to perform library in-house operations like book acquisition, creating member category, departments, entering member details, holiday master, serials entry, newspapers entry, print barcodes, generate reports, library login entry, vendor master, DDC master, Currency details, etc. Circulation module is the highest utilized module in this software. Based on the member category, three types of library user groups have been created, viz Students, Faculty and Staff. Email notification has been incorporated to the library management software to inform the users to know their transactions. Online Public Access Catalog (OPAC) is available to check the availability of books in the library. Books can be searched on Title, Author, Edition, Publisher, etc.

2020-21

Name of the LMS

LIBSOFT

Nature of Automation

Fully Automated

Software Version

11.0

Year of Automation

2014

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://engg.cambridge.edu.in/library/

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)

23.77

File Description	Documents
Any additional information	No File Uploaded
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

345

File Description	Documents
Any additional information	No File Uploaded
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

Technology has become an integral part of the institution. All the classrooms are equipped with LCD projectors and in the recent past each department has a smart panel through which hybrid mode of classes were effectively conducted. A few of the initiatives of upgrading IT infrastructure is mentioned below:

- Internet bandwidth is enhanced from 80 Mbps to 130 Mbps in year 2017-18, Later it was enhanced to 300 Mbps in the beginning of 2020 and further enhanced to 530 Mbps (500Mbps TATA leased line + 30Mbps BSNL broadband) in November 2020.
- The institute has overall 1146 computers and 12 laptops in labs, computer centre and digital library and are connected through LAN.
- The Wi-Fi network has 68 access points.
- 10 labs/lecture halls are equipped with 65-inch Smart Interactive panel to facilitate blended mode of teaching.
- The institute has 74 LCD projectors installed in various labs and class rooms.
- Institution has provided 63 digital writing pads for online teaching.
- Institute has Online Learning Management System (LMS) through Olympus Great Learning platform.
- 02 servers (IBM 3100.M5 server and Dell power edgeT430 servers) are available for uninterrupted Wi-Fi, CCTV monitoring and LAN services.
- The institute has 15 licensed software and 38 open source software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://engg.cambridge.edu.in/infrastructure/

4.3.2 - Number of Computers

1146

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
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)**

541.95

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Maintenance department is well supported by a Resident Engineer and technical staff (Plumbers, Electricians, Carpenters, Mechanics, Gardeners etc.) who regularly address the routine issues as and when reported.

Budget is annually allocated for maintenance of the physical, support and academic facilities of the institute.

Laboratory:

Purchase committee of the college will review and approve the purchase of equipment's/facilities requirements submitted by various departments. Servicing and maintenance of laboratory equipment's/instruments are initiated by the respective departments.

Class rooms and seminar Halls:

The classrooms are cleaned every day by housekeeping staff. In case of any damage to the furniture, projector, internet and audio systems, the class teacher brings it to the notice of the HOD. The necessary steps are taken to fix the same by the departments.

Computers and IT infrastructure:

Service issues related to internet, computers, networking etc., are addressed by IT team headed by Network Admin. A separate service log book is maintained by IT team to monitor the servicing and usage of IT facilities.

Sports:

The sports facility of the institute is supervised by the Physical Education Director. The sports department maintains logbook for the

usage of sports facilities and gymnasium.

Library:

Barcode technology has been incorporated for quick transaction of books. All the documents in the library have been classified as per Dewey Decimal Classification (DDC). Barcode contains both accession number as well as call number for quick transactions and relocation the books to the book racks.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://engg.cambridge.edu.in/wp-content/uploads/2021/07/Procedures-and-Policies-16-17.pdf

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

906

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

159

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	https://www.cambridge.edu.in/placements/training-programs/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

2763

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

2763

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

<p>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</p>	<p>A. All of the above</p>
--	-----------------------------------

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

356

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

33

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

10

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

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

5

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

In the Institute, the students are involved in many academic, administrative, co-curricular and extra-curricular activities. The faculty coordinators, are nominated by the principal.

Administrative: The students are encouraged to be the part of various administrative committees/activities like class representation (ie CRs), student grievance cell, placement cell, department-level forums, talent clubs, CSR activities, Lokahita activities, IQAC, SC/ST cell, ant-ragging cell, hostel committee, magazine committee, professional bodies etc. The student's feedback taken accordingly.

Class Representatives (CR) are elected in beginning of the semester. The meeting of class representatives are held every month in the presence of HODs of various branches, Deans and Principal of the Institution

Co-curricular activities: The Faculty encourage students to conduct activities in the department forums like Shannon Forum (ECE), MESAC (ME) etc. The technical activities are conducted. The students are also the members of the professional bodies like IEEE, ISTE, IETE, CSI, ICI, IMA etc

Extra-curricular activities: The students get opportunity to organize national level cultural activities and University level sports activities. CHIGURU is the national level cultural fest of the Institution in which many cultural events are conducted every year by the staff and the students of the institution.

File Description	Documents
Paste link for additional information	https://engg.cambridge.edu.in/fests/
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

45

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

Alumni Association Registration Number: DRB-3/SOR/510/2016-17

We at Cambridge Institute of Technology take immense pride in ensuring our students to be graduated from the portals of our institute. We strongly believe that our alumni are the brand-ambassadors of Cambridge institute of Technology. We have a strong positive relationship with alumni which has immensely benefitted our students.

Cambridge Institute of Technology Alumni Association is the channel through which our Alumni have contributed their valuable time in sharing their knowledge through workshops and seminars to our students. The hands-on-sessions delivered by our alumni on latest technologies has motivated our students to articulate their professional career.

Alumni have taken steps to help the needy, especially street vendors and school kids at K R Puram, Hebbal, Silkboard, Sevanagar, Indiranagar areas. Warm blankets were issued to the poor on street and school kids were given essential supplies like bags, lunch boxes, stationary kits etc.

The institute engages alumni for student development activities. For instance, as a part of Learning and Development initiative, alumni train students on employability skills, and alumni conducted few sessions on aptitude and soft skills training programme.

File Description	Documents
Paste link for additional information	https://www.cambridge.edu.in/alumni/AlumniContributions.html
Upload any additional information	No File Uploaded

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

D. 1 Lakhs - 3Lakhs

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

The governance of the institution is reflective of and in tune with the vision and mission statements. The vision and mission of the institute are formulated by taking into account the perspectives of all the stakeholders namely management, principal, faculty/staff, students, parents, alumni and industry partners.

The management of the institute has constituted the Governing Council to provide effective governance through the realization of the vision and mission of the institute.

The institute is committed to provide learning environment to students for acquiring academic excellence by being agile and adopt innovations and contemporary pedagogical tools. Besides, the institution molds students to enhance their skills which help them to become global professional and understand the societal needs. A few of the key initiatives are :

- MoUs with industry to provide hands on experience through various live projects.
- Students are actively involved in collaborative projects with the industry.
- Active membership of global associations.

The R & D department receives funding from various government agencies and corporates.

Quality assurance through participation in NAAC, NBA, NIRF, ARIIA, QS ranking and other accreditation bodies is ensured.

File Description	Documents
Paste link for additional information	https://engg.cambridge.edu.in/about/vision-mission/
Upload any additional information	View File

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

Decentralization and participative management are ingrained in the administrative functioning of the institute.

A few of the practices are

- The departments consist of HoD, Professors, Associate Professors and Assistant Professors who act as backbone for the academic activities supported by the technical staff for the conduct of labs, projects and other academic activities.
- HoD of each department in consultation with faculty members prepare the academic calendar and Time Table in line with the college calendar and VTU calendar to include theory subjects, laboratories, forum activities, project and L & D etc.

All Departments:

- Organize events and invited talks from Industry.
- Regularly conduct faculty meetings to take cognizance of the coverage of syllabus.
- Student counseling is conducted regularly by mentors to identify and solve the student's problems.

Leadership activity for the faculty members is driven through :

I. Academic Plan

The faculty members are assigned responsibilities of various roles at

department and college levels to perform the task for the progress of academics.

II. Participation in various committee

The faculty are contributing as member of various supporting committees who plan several activities like sports, cultural, placement etc for the progress of students and department.

File Description	Documents
Paste link for additional information	https://engg.cambridge.edu.in/about-igac/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute has drafted strategic plan through vision document which provides strategic direction to the institute with an aim to create a sustainable learning ecosystem that helps transform many students through quality education.

The Institute Vision focuses on the following key areas and defined operational plan for each of the areas for effective execution

- Teaching and Learning
- Learning and Development
- Research and Development
- Sustainability

One of the focused area of Research and Development has been described below

Research and Development:

Being an engineering institute, CiT takes every step to ensure strong contribution towards research and development (R&D) work. In order to augment the efforts of R&D, Dean R&D was appointed who would help and oversee the implementation of R&D strategic plan.

In addition to the above-mentioned efforts of R&D, consulting services are offered for the product development by a group of faculty and students.

There are seven research centers of VTU at the institute with more than 20 research scholars currently pursuing Ph.D programme.

With its core focus on teaching and learning, the institute believes that progress in R&D will enhance the teaching and learning process.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://engg.cambridge.edu.in/research/
Upload any additional information	View File

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

.The institute has drafted policies to ensure that the functioning of the institute.

- HR and Recruitment Policy to govern the overall functioning of faculty and staff
- Service rules for effective administration
- Institutional process primer for academic procedures

The organization structure is:

The Management (chairman and CEO) are the core part of management.

The Governing Council (GC) has been constituted as per AICTE and University norms.

The Principal is the academic leader and head of the institution.

The IQAC plans, guides and monitors Quality Assurance activities of the Institution.

Dean Basic sciences monitors students of first year.

Dean R and D oversees all research activities.

The Registrar supports Principal in day-to-day activities of the institute.

The Director-HR is responsible for student placement and internship.

The Head of the Department(HoD) is responsible for all the academic and administrative activities of the department.

Faculty members will plan, schedule, organize, conduct lectures and laboratories for the students.

A Class Teacher for each class will monitor students' progress and interact on regular basis.

Each class has two class representatives to liaison between class, faculty, HoD and Principal.

Various committees are formed to oversee academic and administrative activities and ensures effective functioning of the institute.

Librarian is responsible for all activities related to library.

Controller of Examination(CoE) is responsible for smooth functioning of all examination related activities.

Chief Financial Officer (CFO) oversees the budget planning and allocation in accordance with requirement.

File Description	Documents
Paste link for additional information	https://engg.cambridge.edu.in/about-igac/
Link to Organogram of the Institution webpage	https://engg.cambridge.edu.in/wp-content/uploads/2022/03/organogram.pdf
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

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

Group/Health Insurance for Staff is provided for all teaching and non-teaching staff of the institute from HDFC ERGO.

Provident fund as per Government norms is provided to all the teaching and non-teaching staff.

Child Education: Institute is providing scholarships to the children of employees across Cambridge group of institution.

Maternity Leave: Maternity leave facility is provided by the management as per the norms.

Vacation: Teaching faculty are eligible for four weeks (28 days) of vacation per year, 14 days during winter semester break & 14 days during summer semester break.

Special paid leave: Is given for pursuing higher studies and to participate in workshop/seminar/conferences by the faculty members.

Medical Leave: Medical leave can be availed for all permissible medical reasons with appropriate supporting medical document.

Service Awards/Recognition: Faculty members are recognized for their services at CiTech. Faculty completing 4, 8 and 12 years of service are awarded.

Ph.D Felicitation : Faculty members who have completed their Ph.D

will be felicitated.

Best Teacher Award:Nominations will be called for Best Teacher Award based on AICTE guidelines and will be awarded.

Free Transport:Free Transport facility is provided for Non-Teaching staff.

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

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

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

82

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

63

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

168

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
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

Faculty Performance Appraisal and Development System (FPADS) is applicable to faculty members

The institution has developed two methods of faculty appraisal system.

1. The faculty appraisal through a feedback system about academics which is obtained from students (Every semester twice).The consolidated report is generated in the department & is provided to faculty after discussion on one-to-one basis by the respective Head of the Department. Critical issues if any are discussed with the Principal & a copy is submitted to the office of the Principal.

2. The second level of FPADS in the Institution is the self-appraisal system.

- The self-appraisal form consists of academic contribution, department level development activities and Institution level development activities.
- Every faculty is expected to plan the academic activity & development activities in advance.
- FPADS focuses on Academic, Institution & Department level responsibilities, Research, Skill enhancement & Industry interaction.

Appraisal System for Non-Teaching Staff:

The appraisal for non-teaching is different from teaching staff. The system collects the confidential report from the Head of the Department about their performance, contributions and overall interactions with the stakeholders.

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

6.4 - Financial Management and Resource Mobilization

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

CiTech conducts internal and external financial audits regularly. The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted half yearly by the internal financial committee of the institution. External audit is conducted once in a year by authorized Chartered accountant.

Process of the internal audit:

All vouchers are audited by an internal financial committee on half yearly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the CFO/principal. The same process is being followed for the last five years.

Process of the external audit:

The accounts of the college are audited by chartered accountants regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review.

The external audit is conducted by K. Kotresh & Co (KK & Co), Chartered accountants, Bangalore. The internal audit is conducted by a committee notified by the accounts department consisting of representatives of accounts and various departments of the institute.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

3.81

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The Resource mobilization policy focuses on achieving the goals and target of the institution ensuring accountability and transparency. Resource mobilization refers to all activities involved and procuring new and additional resources for our institute. It also involves making better use of, and maximizing, existing resources.

Source of Fund: Mobilization of funds in the institute is through several ways. The primary source of revenue for the institute is the Annual fee collected from students. The fee is collected as per the fee structure and the guidelines of the State fee Regulatory authority. Mobilization of funds is also done through sponsored projects from DST, VGST DRDO, AICTE, UGC and Industry sponsored projects by the faculty. Funds are also mobilized through consultancy and philanthropic contribution. As all the courses are self-financed, the major source of fund is through the fees charged as per the university and government norm from students of various self-financed courses.

Resource Mobilization and Optimization: The Management, in close coordination with the IQAC, monitors and reviews the mobilization of funds and makes sure that the funds are spent for the purpose for which they have been allotted.

File Description	Documents
Paste link for additional information	https://engg.cambridge.edu.in/infrastructure/
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

IQAC monitors and suggests initiatives/practices for the academic and administrative activities. Two such practices are described below:

Practice 1: Reforms in Internal Assessment Test

- Guidelines on question paper format will be issued by IQAC including RBT levels for preparing questions. Course instructor will refer to the guidelines and prepares the

question paper.

- The question paper is first scrutinized by the department level scrutiny team. The scrutiny committee verifies the question paper, if any discrepancies are found the respective faculty is suggested to incorporate required changes and re-submit it for the scrutiny process.
- Finally, the question paper is submitted to the Centralized scrutiny committee. After the approval, softcopy is sent to the CoE for further confidential process.
- CoE randomly selects one set of the question paper and prints the same.

Practice 2: Guidance to Newly Admitted students and slow learners

The Institution has adopted the policy to identify slow learners with following technique:

- Performances in the first internal Assessment examination.
- The slow learners are identified on the basis of their performance during continuous internal evaluation, and performance in the End Semester Examination.

Performance improvement activities are implemented for slow learners in terms of special classes, class tests and counseling by mentor.

File Description	Documents
Paste link for additional information	https://engg.cambridge.edu.in/about-iqac/
Upload any additional information	View File

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

With the core focus on teaching and learning, the institute reviews the processes on a regular basis and brings incremental improvements. Two such improvements have been described below:

Process Primer

The institute constantly reviews the teaching and learning process

and makes necessary improvements/changes in the process to ensure that quality education imparted to students. One such improvement made is designing and implementation of Institutional Process Primer.

The process primer covers majority of the academic and administrative processes. A few of the processes defined in the process primer are Curriculum Gap analysis, PS and PSO attainment process, internal assessment rubrics, lab assessment rubrics, process to organise events including guest lectures, collecting feedback of the events and mapping the events with POs, completing impact analysis and many more.

Learning & Development:

Learning and Development division was established in order to specifically train students on employability skills based on the feedback received from the recruiters. This was a unique initiative in the institute to address the gap between industry and academia. Therefore, the institute made an attempt to fill this gap by introducing courses which enhances the employability of students.

File Description	Documents
Paste link for additional information	https://engg.cambridge.edu.in/about-igac/
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://engg.cambridge.edu.in/annual-report/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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

- CIT is an affiliate of the Society of Women Engineers (SWE). This platform provides access to women engineers globally which helps female faculty and students connect with engineers across the globe. CIT successfully hosted two webinars in association with SWE. The event was attended by participants across the globe. (SWE:<https://swe.org/membership/global-programs/affiliates/>)
- Women empowerment and grievance redressal cell addresses the issues related to sexual harassment and other problems. The cell ensures women's safety on the campus and empowers women by conducting many women empowerment and safety programs. The contact details of the women empowerment cell are displayed on campus.
- Girl's safety is ensured all the time on campus and while commuting through college transport, girls are also accompanied by women faculty.
- The Institution provides separate common room for girls with the following facilities: Cots, mattresses and Chairs.
- A complaint box has been installed on the college premises to ensure redress of grievances.
- Campus and Hostels are guarded by a posse of security round the clock and under CCTV surveillance.
- Separate hostels for boys/girls are managed by caring,

concerned, and responsive wardens with appropriate security arrangements for boys and girls.

File Description	Documents
Annual gender sensitization action plan	https://engg.cambridge.edu.in/naac/wp-content/uploads/2022/05/7.1.1-1-Gender-Sensitization-Action-Plan-1.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://engg.cambridge.edu.in/naac/wp-content/uploads/2022/05/7.1.1-Index-sheet.pdf

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

B. Any 3 of the above

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

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

The Institutional policy is conducive to maintaining a healthy and hygienic environment. The collected solid waste is separated as dry and wet waste at the source. The separate dustbins for dry and damp waste are kept in each classroom and Faculty room to collect solid waste. Cleaning or purging of the dustbins is being done regularly. All degradable waste produced on the campus is dumped into compost pits of capacity 5 feet radius and 6 feet depth. The manure created through compost is used to maintain a green campus.

CIT has MoUs with ITC and NGO Vedan for the collection of Non-biodegradable solid waste and Zero waste management respectively and ensures safe disposal of waste.

Our Campus is a 'Plastic Free zone' and aims to limit the generation of solid waste by avoiding the use of plastics inside the campus. The Institute has a systematic sewage network throughout.

For E-Waste Management, the Institute has adopted stringent steps to reduce the generation of e-waste and has a systematic procedure to manage the e-waste and works with Sogo SynergyPvt. Ltd. E-waste is accumulated and disposed.

CIT has signed an MoU with Medicare to collect sanitary pads regularly for further processing.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://engg.cambridge.edu.in/naac/wp-content/uploads/2022/03/7.1.3-14-Geotagged-Photos.pdf
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

File Description	Documents
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**

A. Any 4 or All of the above

4. Ban on use of Plastic
5. landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	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).

CIT has a diverse set of students. The Institution conducts the following cultural activities, aimed at creating awareness of the multicultural environment and to include

CHIGURU - Cultural Extravaganza

We believe in molding the overall personality of students, giving them an opportunity to exhibit their hidden talents (passion) through our Extracurricular and Cultural Activities. The Cultural Fest named CHIGURU - the-inter collegiate Cultural Fest of Bangalore, denotes the BLOSSOM and stands for the same, nurturing the YOUNG Talented Minds.

Kannada Rajyotsava Celebrations: Rajyotsava Day is the state festival of Karnataka and is observed on November 1st every year. The day is celebrated to commemorate the day of state formation of Karnataka.

Ethnic Day Celebrations: Cambridge Institute of Technology hosts Ethnic Day every year. This program is mainly oriented to see Cambrians exhibiting their Traditions and Customs. On this occasion, all Faculty and students do ramp walk and flaunt themselves in Ethnic Attire.

Onam and Holi Celebrations: CIT never misses celebrating other communal festivals to promote Unity in Diversity.

1. Chiguru-

2. Ethnic Day

3. Kannada Rajyothsava
4. Onam Celebrations
5. Holi Celebrations
6. Christmas Celebrations
7. Ganesha Festival
8. Saraswathi Pooja celebrations
9. Ayudha Pooja

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

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

As part of the VTU curriculum, there is a compulsory course on the Constitution of India across all engineering disciplines to create awareness and sensitise the students and employees to constitution obligations. In addition to Curriculum, CIT covers all modalities that could sensitize a person, awaken their conscience and develop an attitude of well-behaving and being responsible in society.

- In keeping with the values and ethics of Community Service, CIT routinely conducts Swaccha Bharat and Swaccha Bharat Abhiyan.
- In association with NGOs and orphanages, the students of CIT and the faculty have been involved in providing social service to the poor and the needy.
- World Environment Day is celebrated by all at CIT with great enthusiasm by planting trees to keep the campus green and create awareness of the Environment and the need for the younger generation's responsibility to restore the ecosystem.
- Every year, Republic day is celebrated on 26th Jan by highlighting the importance of the Indian Constitution. Independence Day is also celebrated every year to highlight the struggle for freedom and the importance of the Indian

constitution.

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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

A. All of the above

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

Cambridge Institute of Technology celebrates days of National importance such as Republic Day and Independence Day, every year to give students the experience of patriotism and to honor the glorious past of our country. During such occasions, thoughts of great Indian personalities and their sacrifices are seeded into the young minds. Similarly, birth and death anniversaries of great Indian personalities are commemorated; Public personalities are invited to give talks.

Teachers' day is celebrated every year in honour of Dr. Sarvapelli

Radhakrishnan and is meant to acknowledge and honour the commendable work of Teachers at CIT. On this occasion, Faculty at CIT are recognized for their special accomplishments, long continual service, publication of textbooks and research papers, etc.,

Engineer's day is also celebrated every year on the birth anniversary of legendary Engineer Sir M V Visvesvaraya to honour his achievements and contributions towards our nation-building.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

Best Practice:1 Title of the Practice: Institutional Process Primer

This Best Practice has been adopted to achieve Outcome-Based Education(OBE), a powerful way of reforming the Education, to build a student-centered instruction model that measures the performance of students through outcomes, to focus on the skills and results achieved by the students, to facilitate a Teaching-learning process that develops the requisite knowledge, skills, attitude, and habits of student and to mandate academic administration to achieve excellence and global standardization. The need for continuous quality improvement in academics and to set up a system that will help in bringing in standardized processes across all departments has motivated to adopt this practice

Best Practice: 2 Title of the Practice: Strategic Development of Department (STRADD)

Every department has intellectual resources through which the department can drive competitive advantage. In addition to the core activity of teaching, four focus areas were identified namely, Learning and Development, Research and Development, Ecosystem for entrepreneurship and Internationalization to design and deliver employability enhancement skills through learning and development

intervention, to develop systems and processes in R&D with an emphasis on developing products/services to solve real-time problems, to establish an ecosystem for entrepreneurs to establish startups on campus and Internationalization.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

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

Community for Social Impact

The core philosophy of CIT is to transform individuals and help them reach their full potential. The transformation process focuses on bringing in holistic development in a student. Many interventions apart from academics are adapted to ensure the holistic development.

We are constantly exploring, learning, improving and expanding a never-ending journey of bringing the unknown to the known. We take our strengths, values, confidence and leadership to the next level by guiding our students, partners, and stakeholders on their mission. Teaching and learning predominantly focuses on cognitive ability. Therefore, a system is developed that augments cognitive ability with affective ability by developing an ecosystem known as Community Social Impact (CSI).

In addition to effective skills, CSI designed interventions to create awareness on societal issues, sustainable development goals. An Experiential learning method is followed to execute the interventions.

Under the banner of CSI, the institute conducts events to bring awareness amongst students about various social issues, and UN Sustainable Development Goals.

Each department conducts various events on social causes under Institute Social Responsibility. The student volunteer teams are mentored by faculty members and the events are conducted. As part of CSI, a unique programme was designed which was called as "Lokahita" for the students of MBA in CIT. The institute partnered with a startup LetsTagOn and worked together to design

servicelearning for students.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- To complete the documentation for uploading SSR for second cycle of accreditation.
- Formulate and strengthen the activities of Research Centre and work upon enhancing the consultancy activities.
- Introduce Experiential Learning through Theme based Projects.
- Conduct National and International Conference.