



YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	Chaitanya Bharathi Institutemof Technology
• Name of the Head of the institution	Dr.G.Sreenivasula Reddy
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08564278000
• Alternate phone No.	9666480213
• Mobile No. (Principal)	7799344443
• Registered e-mail ID (Principal)	cbitpdtr@gmail.com
• Address	Vidya Nagar
• City/Town	Proddatur
• State/UT	Andhra Pradesh
• Pin Code	516360

2. Institutional status					
• Autonomous Status (Provide the date of conferment of Autonomy)		24/08/2022			
• Type of Institution		Co-education			
• Location		Rural			
• Financial Status		Self-financing			
• Name of the IQAC Co-ordinator/ Director		Dr. S. ASLAM			
• Phone No.		9493500876			
• Mobile No:		9440635064			
• IQAC e-mail ID		iqac@cbit.edu.in			
3. Website address (Web link of the AQAR (Previous Academic Year)		https://cbit.edu.in/			
4. Was the Academic Calendar prepared for that year?		Yes			
• if yes, whether it is uploaded in the Institutional website Web link:		https://cbit.edu.in/academic-calendar/			
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A	3.02	2021	06/12/2021	06/12/2026
6. Date of Establishment of IQAC			29/06/2015		
7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/ Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
00	00	00	Nil	00	
8. Provide details regarding the composition of the IQAC:					

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File
9.No. of IQAC meetings held during the year	2
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>1. In order to enhance the research aptitude and to apply for sponsored research projects, IQAC has motivated the staff members to improve their research skills. 2. IQAC, during its periodic meetings, encourages staff to contribute their expertise to research and publish more papers in reputed journals and apply for patents. 3. The IQAC organized a few events on NIRF, IPR, etc. to enhance staff thinking. 4. In addition to seminars and workshops, students are encouraged to participate in sporting events, cultural events, and competitions both on and off campus.</p>	
12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:	
Plan of Action	Achievements/ Outcomes
Improvise the Institution innovation council (IIC) ranking from 0.5 star to 2 + stars	Achieved 2 stars
13.Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
Academic council	27/01/2023
14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2023	16/02/2024

15. Multidisciplinary / interdisciplinary

1. The curriculum and syllabus of the CBIT can be adapted to meet the requirements of the multidisciplinary/interdisciplinary approach.
2. CBIT's multidisciplinary education provides students with the opportunity who wants to focus on a particular area of study by combining multiple academic fields.
3. The institute offers credit-based courses and projects in the areas of environmental education and value-based education.
4. The students who are desirous of pursuing their special interest areas other than the chosen discipline of Engineering may opt for additional courses in minor specialization groups offered by a department other than their parent department. The institute included minor programs in the regular curriculum for the students, and students can opt for the same at the beginning of the 4th semester.
5. The institute also offers Interdisciplinary in core engineering courses that provide students with a strong foundation, evolving technology necessitates new methods and approaches to progress, prosperity, and the inculcation of problem-solving techniques.
6. The institute included an honors program in the regular curriculum for the students. They can select the additional and advanced courses from their parent branch in which they are pursuing the degree and get an honors degree. A student shall register for the Honors program at the beginning of the 4th semester.

16. Academic bank of credits (ABC):

1. Chaitanya Bharathi Institute of Technology is taking initiatives to deposit the student-earned credits for all the programmes offered in the Academic Bank of Credit (ABC) to promote student-centricity in higher education across the country through learner-friendly practices and a more interdisciplinary approach to higher education.
2. Chaitanya Bharathi Institute of Technology has registered in the National Academic Depository (NAD) portal for depositing students' academic records as per the government directions, through this mechanism, students will get benefited from pursuing higher studies that require a credible, authentic, and convenient mechanism for access, retrieval, and validation

of such academic awards.

3. The academic records maintained in paper form are susceptible to hazards such as spoilage and forgery. Students often face difficulties in obtaining copies of their certificates/mark sheets whenever they are lost or destroyed. Maintaining academic awards in a digital depository would enable educational institutions, students, and employers' online access/retrieval/verification of digitized academic awards and eliminate fraudulent practices such as forging certificates and mark sheets.

17.Skill development:

1. Chaitanya Bharathi Institute of Technology incorporated skill-based credit courses along with regular courses in the curriculum as per the guidelines given by AICTE and APSCHE.
2. Students can also opt for skill courses from other domains apart from regular ones. The student shall be given the option to choose either the skill courses offered by the college or choose a certificate course offered by industries/Professional bodies/APSSDC or any other accredited bodies.
3. Apart from these, the institute offers skill development programmes through APSSDC & TCS, and they established various skill centers to enrich students' skills.
4. The students shall undergo mandatory summer internships for a minimum of six weeks duration at the end of the second and third years of the Programme.
5. There shall also be a mandatory full internship in the final semester of the Programme along with the project work.
6. All these initiatives reflect an increase in placement percentage and packages.

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

1. The promotion of Indian languages is only possible if they are utilized regularly and for teaching and learning purposes.
2. Chaitanya Bharathi Institute of Technology organizes the events and competitions like essay writing, and elocution competitions in the regional languages and prizes are distributed to top-performing students. The ability to communicate in Indian languages will be considered part of the qualification criteria for job openings.
3. Chaitanya Bharathi Institute of Technology offers Constitution of India as a course to upgrade the knowledge of students about Indian traditions and culture.
4. Based on the AICTE initiatives, few of our faculty have given consent to translate technical subjects into the regional languages and the proposals have been submitted to the AICTE

for approval.

5. Chaitanya Bharathi Institute of Technology also offers a Massive Open Online Course (MOOC) as a mandatory course in our curriculum to train and skill students in a digital learning platform. Video lectures, books, animations, quizzes, simulation construction, and other activities are used to cover different courses.

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

1. In the initial phase of the implementation of OBE, the curriculum is planned, especially the types of courses, the number of optional components and the structure of the curriculum, together with detailed information about the name and content of the course according to the regulations.
2. In the next step, the Learning Outcomes (COs) for all courses are mapped to Program Outcomes (POs) and Program Specific Elements (PSOs) of the NBA.
3. The successful implementation of this Outcome Based Education (OBE) will ensure that graduate engineers have the 12 OPs defined by the NBA, and will be able to compete on the international stage, with the expected world conditions.
4. Specific to every program, three Program Educational Objectives (PEOs) are measured through the stakeholder's feedback.
5. The institute keenly observes the attainment of POs and PSOs for the respective programs related to the Vision and Mission of the departments.

20.Distance education/online education:

1. With the development of the Internet, which has also changed the current state of education, it has become apparent that the infusion of technology through digital screens has long been dominant.
2. E-learning is broad and infinite, whenever and wherever the student determines the path and pace of learning.
3. The institute faculty delivers lectures on the online platform and essentially delivered lab courses through various virtual lab platforms provided by the Ministry of Higher Education Government of India.
4. After autonomous status, the institute made efforts to introduce self-learning by introducing MOOC courses offered by NPTEL under SWAYAM as compulsory courses. In the R22 regulation, apart from the graduation program, the student can also get an honors degree in a specialized domain by crediting courses in NPTEL.
5. Building on advances in learning management systems (LMS), the

institute plans to encourage students to take online courses in MOOCs offered by different online platforms and APSCHE. The main goal of doing a MOOC is to get student a great opportunity through online courses, self-study at your own level, attempt quiz, speak with professors from various institutions, and finally get a course certificate from the provider.

Extended Profile

1. Programme

1.1	9
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1	708
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	322
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	447
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1	345
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	141
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	141
Number of sanctioned posts for the year:	
4. Institution	
4.1	390
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	55
Total number of Classrooms and Seminar halls	
4.3	540
Total number of computers on campus for academic purposes	
4.4	710.77
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

CBIT, with the autonomous status bestowed on it, constantly endeavored to update the curricula and make it relevant so as to address the challenges of liberalization, globalization and privatization being faced by the industry and the society under the changed global scenario. The institution has rightly adopted the outcome based education and has designed various OBE elements such as, PEO, PO, PSO and COs for the various academic programmes

and courses offered, in consonance with the needs and aspirations of the state and the nation. The guidelines of AICTE and affiliating universities are always followed in the curricular development process. The institute strives to extend comprehensive education for all-round development of the students to equip them with necessary skills and capabilities to develop innovative and critical thinking, problem analysis and scientific perspective. The objective is to provide the students a holistic learning experience by imparting theoretical as well as practical knowledge, apart from encouraging participation in extracurricular activities. Further, the programmes offered have social relevance and meet the demands of the industry, economy and society. In order to meet the demands of the industry, certification courses are offered. Emerging courses are offered as professional core, elective and mandatory courses. In order to achieve a higher level of academic achievement in Bachelor programmes, CBIT is planning towards framing B.Tech Honors and Minors programmes.

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

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

6

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

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

345

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

1.2 - Academic Flexibility

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

68

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

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

6

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

1.3 - Curriculum Enrichment

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

The curriculum designed by the university has included many of the aspects related to this metric incorporating various such courses in the curriculum.

The curriculum includes courses that are diverse and cater to the cross-cutting issues relevant to sustainable environment, gender equality, human values and professional ethics for addressing the economic, social and environmental challenges of globalization. The students of CBIT molded as responsible Engineers by creating

awareness and addressing the societal and generic needs. Along with a standardized learning plan, the curriculum is enriched with cross-cutting courses. This enriches the knowledge base of the student and improves the self-actualization and belongingness to the society.

The Curriculum has such courses like Environmental Science, Engineering Materials for Sustainability, Green Building Technology. Courses on Gender Sensitization, Values and Ethics, Gender Culture, Stress Management by Yoga, Human Resources Development and Organizational Behavior are offered to groom the engineering graduates into effective citizens.

The pedagogy focused for these courses is based on project-based learning, where the assignments are structured for the student's collect information in their vicinity so that awareness of societal impacting concepts is understood by the student and his society. Students are encouraged to take up projects with emphasis in social relevance in tune with the Mission of the college and SRSR (Social Relevance and Self Reliance) the best practice of the institution.

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

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

23

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

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

1005

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

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

819

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

1.4 - Feedback System

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

C. Any 2 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://cbit.edu.in/feedback-system/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://cbit.edu.in/feedback-system/
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

708

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

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

381

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Learning methods for slow learners:

1. Slow learners are assisted with Remedial Classes by the faculty allotted by the class teacher. The results after every semester end examinations shall be analyzed and students having backlogs will be arranged with remedial sessions to clear the backlogs. This practice is yielding good results and a good number of students are able to clear their backlogs.

Learning methods for Advanced and improvised slow learners:

1. Inspiring students to participate in symposia, quizzes, certification courses offered by other institutions
2. Advanced learners are giving motivation to take up additional credits to obtain their Honors or Minor degree along with their original degree.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cbit.edu.in/departments/humanities-sciences/remedial-classes/

2.2.2 - Student - Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/05/2023	1866	141

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

CBIT incorporates the Choice Based Credit System and nurtures an academic environment guided by OBE philosophy. All academic procedures are focused on a student-centric learning environment. All programs and courses are designed in line with objectives and outcomes with due credits.

Experiential Learning is done through Lab practicals, Internships, Field projects, On Job Training (OJT), and Industrial tours. These help the students to improve their technical skills, exposure to industry workspace, and real-world engineering difficulties.

Participative Learning is done through Guest lectures, workshop, seminars, Professional society activities, External participation.

Problem-Solving is done through Tutorials, Assignments.

The project work by B.Tech students in III Year and IV Year in terms of Mini/Major projects gives an opportunity to explore various problem statements in their areas of interest and practice cutting-edge technologies. Students are encouraged to convert their projects into products and the product into patents.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://cbit.edu.in/departments/master-of-business-administration/mba-project/

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

In the classroom, ICT tools play a crucial role in delivering lectures. In addition to providing the necessary resources such as computers in the library and department, high-speed internet access of 1Gbps, and electronic resources, the institute also provides access to the Internet through a closed network.

The faculties are trained to effectively use ICT tools through training sessions at the institute and attending FDPs. Using Google classrooms, Google sites, Google Forms, Microsoft teams, V lab simulator, STAAD PRO for carrying out virtual Labs, Zoom, etc., by the faculty and students shows the need for ICT tools in the present era.

ICT enabled Teaching-Learning Process is supported by 49 LCD projectors for teaching and a seminar hall for conducting seminars and workshops, access to a Digital Library, Online Courses,

conducting online tests, quizzes, and productive use of educational videos. Accessibility of e-material for students of different disciplines through college websites. Through the communication skills Lab, students with ICT tools in English Lab are given the training to acquire proficiency in listening, speaking, reading, and writing skills. Thus, faculty and students find ICT tools indispensable.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://cbit.edu.in/userfiles/infrastructure/ICT%20ROOMS.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

124

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

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

The institution prepares the Academic Calendar at the beginning of the academic year after extraneous discussions with heads of various departments about the future course of action. The academic committee, along with the Principal and Examination cell, collectively approve the Academic Calendar, which is circulated to all department heads, faculty, and students and is posted on the notice boards of all departments. The institution has an academic calendar for different programs like B.Tech and MBA. It is made available to the students and faculty before the commencement of the academic year/classwork. Learner-centric teaching and learning practices are implemented in the institute. Every faculty prepares a Teaching / Lesson plan one week before the commencement of classwork for every semester as a part of the Course file. The lesson plan structure is prepared to meet the needs of Outcome-Based Education prescribed by the statutory bodies like AICTE/ State Education Board/Affiliated university/National Board of Accreditation/ National Assessment & Accreditation council. This is followed by every faculty and the actions taken report of the compliance are recorded. Later, the coordinator, IQAC and heads of the departments will assess the performance of the faculty for the future course of action.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File
2.4 - Teacher Profile and Quality	
2.4.1 - Number of full-time teachers against sanctioned posts during the year	
141	
File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File
2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year	
28	
File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File
2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)	
548	
File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File
2.5 - Evaluation Process and Reforms	
2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year	
57	
File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File

Any additional information	View File
2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year	
30	
File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File
2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution	
<p>CBIT exam portal (CEP) is a major reform for Pre and Post Examination Processes.</p> <p>Pre-Examination Process:</p> <p>CEP automates and manages pre-examination procedures like Barcoded OMR answer booklets and D form generation and rest is done manually.</p> <p>Post Examination Process:</p> <p>Subject experts from reputed institutions evaluate the end-semester answer scripts online. The results are announced by the Result Committee, including a University (JNTUH) nominee, HODs & CE via the CEP portal within one month. The memorandum of marks have been designed with security features.</p> <p>IMPACT:</p> <p>A comprehensive examination handbook and academic regulations are prepared, distributed, and made available for reference. Results were declared in one month. Automation of Exam Section functions and effective grievance redressal Efficient mapping of COs & POs and Blooms Taxonomy for higher academic standards at both teaching and evaluation stages.</p> <p>CBIT has implemented summative and formative assessments, including:</p> <ol style="list-style-type: none"> 1. Continuous Internal Evaluation (CIE) 2. Semester End Examinations (SEE) 	

In Continuous Internal Evaluation, To calculate sessional marks performance in two mid-examinations for theory courses and one internal examination for practical courses, as well as assignments, continuous assessment, quizzes, and records with proper weighting are considered. Periodic reviews are carried out in case of project work.

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

2.6 - Student Performance and Learning Outcomes

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

CBIT implemented the Outcome-Based Education (OBE) methodology in 2015. OBE guarantees that Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are attained.

In accordance with societal requirements, and changing trends in technology, POs, and PSOs developed by Program Assessment Committees in consultation with stakeholder references from globally accepted Graduate Attributes.

Cos are direct statements made by course coordinators. PAC is in charge of preparing CO attainments based on student achievement in midterm and semester exams, project presentations, and seminars. All programs' POs and COs are carefully developed by departments and subject experts and communicated to all stakeholders.

POs and PEOs, PSOs have been displayed in the

Notice boards, Laboratories, Corridors, Chamber of HoD, Staff Rooms, Class Rooms, Common Areas, Departmental Web Sites.

COs and POs are specified in course files and are shared with the student through the Course plan and departmental websites. Teachers highlight the relevant CO and PO in the classrooms/ labs.

POs and COs are emphasized during

Parents meet, Induction Programs, Workshops, Industrial Visits, Departmental Meetings, Placement Drives.

Internal and external examination question papers were prepared along with COs.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://cbit.edu.in/departments/civil-engineering/ce-educational-objectives-outcomes/

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

Course Outcomes are measurable performance indicators that outline what students will achieve and be able to do by the end of the course. These specify students' major skills, knowledge, attitude, and ability.

- Assessment and evaluation methods are particular and measurable and are intended to increase student learning.

- Program Outcomes outline what students will achieve and be able to do by the time they graduate. These are more specific statements, refer to skills, knowledge, and student behaviors. It reflects the Graduate Attributes.

- CO and PO attainment in each course are estimated based on internal and external evaluations. It is mapped to each program's Program Educational Objective. It is analyzed by faculty and addressed in the upcoming semester.

The Direct and Indirect Methods are used to calculate Program Outcome Attainment.

- Direct Measures are immediately observed by performance in Mid and External Examinations.

- Indirect measures include written surveys/questionnaires/ exit surveys. These are collected from the stakeholders

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

2.6.3 - Pass Percentage of students

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

324

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://cbit.edu.in/examinations/annual-reports/

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://cbit.edu.in/igac/sss/>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Research is one of the key pillars of any academic institution, as it contributes to the advancement of knowledge, innovation, and social impact. To foster a culture of research among its faculty, the institution has taken several measures to ensure that its research facilities are frequently updated and that there is a well-defined policy for promotion of research.

The institute encourages faculty by providing incentives for publishing the articles in peer reviewed Journals, writing books and filing patents. In this academic year many Publications are published in various SCI/SCIE/ESCI, SCOPUS and UGC care listed journals, including conference proceedings and Book Chapters. CBIT takes care of the patent filing process, which is governed by the Research promotion policy of the institute. A few patents are granted and published.

The institution strives to create and sustain a conducive and supportive environment for the researchers to pursue their research interests and aspirations and to contribute to the society and the nation through their research.

File Description	Documents

Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://cbit.edu.in/userfiles/policy/22-23/INSTITUTION%20POLICY.pdf
Any additional information	View File

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

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

0.120

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

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

02

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

3.2 - Resource Mobilization for Research

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

14

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File

List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

1

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

0

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

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

1

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	View File

3.3 - Innovation Ecosystem

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

The institute established an Institution's Innovation Council (IIC) to promote student ideas through various awareness activities that can help advance innovative knowledge. The IIC organized 25 programs effectively in recent times and achieved a 2 star rating by the Ministry of Human Resource Development (MHRD) in 2022-23. An Entrepreneurship Development Cell (EDC) was established to guide and motivate students and faculty to become

entrepreneurs and take on startups. This cell offers programmes to raise awareness of entrepreneurial skills among stakeholders. This cell conducted 6 programs and made 3 entrepreneurs in 2022-23. The institute is in collaboration with the Andhra Pradesh State Skill Development Corporation (APSSDC), which established a lab in our institute with 33 laptops. CBIT has organized programs like the G20 summit essay writing competition in which the 120 students participated. Also, CBIT provided its students with skill-oriented training and made industry ready. Further, for knowledge transfer CBIT followed the guidelines of APSICHE to allow its students to do internships using the LMS portal.

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

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

3

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

C. Any 2 of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

2

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

3

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

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

3.4.5.1 - Total number of Citations in Scopus during the year

1

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

0	
File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File
3.5 - Consultancy	
3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)	
2.1	
File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File
3.5.2 - Total amount spent on developing facilities, training teachers and clerical/ project staff for undertaking consultancy during the year	
0	
File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File
3.6 - Extension Activities	
3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year	
CBIT provides a platform for a holistic overall development and plays a major role on societal needs by continuously motivating students and organizing activities focusing on social issues	

during Covid Pandemic last year. Institute has a National Service Scheme (NSS) unit with many dedicated student volunteers. In addition, there is a Women Development Cell with a good number of volunteers. The unit works extensively on the societal issues in the neighborhood community of CBIT which NSS units sensitize towards social issues. The activities develop students into ideal citizens with high moral values and societal responsibility. The institute carries out a number of extension activities in the neighborhood community. NSS received recognition in the town and at the university level for its community service through NSS in academic year 2022-23. CBIT- NSS has rendered its services creating awareness sessions, Blood donation camps, Health camps and many more. Total 18 activities were conducted .

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

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

2

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

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

18

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

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

2567

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

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

372

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

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

12

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The curriculum includes courses that are diverse and cater to the cross-cutting issues relevant to sustainable environment, gender equality, human values and professional ethics for addressing the economic, social and environmental challenges of globalization. The students of CBIT molded as responsible Engineers by creating awareness and addressing the societal and generic needs. Along with a standardized learning plan, the curriculum is enriched with cross-cutting courses. This enriches the knowledge base of the student and improves the self-actualization and belongingness to the society.

The Curriculum has such courses like Environmental Science,

Engineering Materials for Sustainability, Green Building Technology. Courses on Gender Sensitization, Values and Ethics, Gender Culture, Stress Management by Yoga, Human Resources Development and Organizational Behavior are offered to groom the engineering graduates into effective citizens.

The pedagogy focused for these courses is based on project-based learning, where the assignments are structured for the student's collect information in their vicinity so that awareness of societal impacting concepts is understood by the student and his society. Students are encouraged to take up projects with emphasis in social relevance in tune with the Mission of the college and SRSR (Social Relevance and Self Reliance) the best practice of the institution.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cbit.edu.in/infrastructure/building-area/

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

1. CBIT focuses on holistic development of the students by encouraging them to participate in co-curricular and extracurricular activities.
2. The institution has both Indoor and Outdoor sports facilities. Students are encouraged to participate in different sports/ Games and cultural activities.
3. The facilities provided by the institute for indoor and outdoor games are as follows 1. Cricket Ground 2. Football ground 3. Basketball Court 4. Volleyball Courts 5. Handball Court 6. Khokho Ground 7. Kabaddi Ground 8. Cricket Practice Pitches 9. gym, carrom Tables, chess Tables, Table tennis tables 10. Yoga Centre 11. Medical Centre at service 12. Rest rooms
4. The institution provides equal importance to Cultural activities also. They are performed during the College festivals like Fresher's day, Farewell day, Annual day and Sports Day celebrations.
5. Annual Day is planned every year to appreciate and honor the meritorious students in all aspects like University Rank Holders, Class toppers, etc.

6. Different clubs have been introduced for students with the motto of bringing out the hidden talents of the students in all aspects. These clubs consist of Non-Stage events which include Essay writing, drawing etc., and Stage Events like dance, singing, Art and Crafts etc.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://cbit.edu.in/infrastructure/sports-gymnasium/

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

49

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

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

209.68

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

4.2 - Library as a Learning Resource

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

The Library at CBIT acts as integrated knowledge resource center comprising, a Central Library in an respectable area, with nearly 32287 books, latest e-journals by the DELNET, NLIST, IE INDIA, periodicals, references, national and international journals and CD-ROMs, in addition to other Departmental Libraries.

Automated Library Management System:

Library of the institute is fully automated. Library Management System (ILMS) is used to take care of all the operations since

2015.

Wi-Fi facilities available for the convenience of users.

Details about software:

Name of the ILMS software: ECAP for Windows by Webpros India Pvt. Ltd. • Nature of automation : Fully Automated Version : 1.0 • Year of Automation : 2019

Operations carried out through software:

Accession register

Bar-coding of books

Circulation of books

Master entry of books with details

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

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

B. Any 3 of the above

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

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

1.79

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

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

123

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

4.3 - IT Infrastructure

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

Institute strengthens its IT facilities to provide modern and digital platforms to students and faculty to enhance their learning avenues. Gradually and continuously laboratories have been upgraded for better system configuration and ergonomics. In addition the college continuously upgrades its IT related equipment, add-on peripherals and other supporting materials such as Desktops, D Link switches, Networking and Ethernet ports, Biometric devices and LCD Projectors. Bandwidth of the internet is also upgraded according to the increase in use of the internet in various activities of the institute. Currently we have 100 MBPS (3 Leased Lines) including 20 MBPS of internet bandwidth along with the latest workstations. All computers are connected through LAN. With high speed LAN connectivity, it is possible for students to attend lectures & video tutorials (NPTEL, You Tube) for competitive preparation & enhance their knowledge. Majority of the campus area of CBIT has Wi-Fi Internet accessibility.

Computers for Students, staff and office: 540. The Institute is associated with Andhra Pradesh State Skill Development Corporation (APSSDC) and has procured 33 laptops with high configurations.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1866	540

File Description	Documents
Upload any additional information	View File
4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ≥ 50 Mbps
File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File
4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	B. Any three of the above
File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File
4.4 - Maintenance of Campus Infrastructure	
4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)	
329.34	
File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File
4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - classrooms, laboratory, library, sports complex, computers, etc.	
<p>For the holistic development of students, faculty and staff, facilities like laboratories, library, computer labs, seminar halls and sports complex etc are available. Equal opportunities to utilize these facilities are there for faculty and students.</p> <p>1. Laboratory: The equipment in particular labs are issued to the students for performing the experiment which will be returned at</p>	

the end. Extracurricular activities like making models, preparing for different technical events etc. are also allowed in the lab on a need basis. In such cases, students should get permission from HOD.

2. Library: Each student after enrollment at CBIT will be issued a LIBRARY CARD to get the text books and reference books. Faculty members can take books for their reference from the library.

3. Sports : CBIT has sports facilities for indoor and outdoor games. Students get the sports kit from the physical director and the same will be returned after completing the events.

4. Computer Facilities: All the departments have sufficient number of computer

labs. Students and staff can utilize these facilities when required.

5. Seminar Hall: Seminar hall with computer, projector and public address system are available. To use the seminar hall prior permission from the department coordinator is to be taken.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cbit.edu.in/infrastructure/sports-gymnasium/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1315

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

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

49

File Description	Documents
Upload any additional information	View File

Institutional data in prescribed format		View File
5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology		B. Any 3 of the above
File Description	Documents	
Link to Institutional website	https://cbit.edu.in/infrastructure/sports-gymnasium/	
Details of capability development and schemes	View File	
Any additional information	View File	
5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year		
799		
File Description	Documents	
Any additional information	View File	
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File	
5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees		A. All of the above
File Description	Documents	
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File	
Details of student grievances including sexual harassment and ragging cases	View File	

Upload any additional information	View File
5.2 - Student Progression	
5.2.1 - Number of outgoing students who got placement during the year	
108	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
5.2.2 - Number of outgoing students progressing to higher education	
4	
File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File
5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year	
5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year	
2	
File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File
5.3 - Student Participation and Activities	
5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	
11	
File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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

Institute promotes the candidature of students in academic and administrative bodies. An active Student Council comprises members to monitor Cultural, Technical, Sports and Literary events, Antiragging & Gender sensitization programs, NSS activities, and Alumni meetings in college. Council members and association committee members take an active role in conducting College Annual day, Sports day, traditional day and national festivals. Student Council is a representative structure in which students of the college get involved in the affairs of the college for the benefit of all the students. The Management actively supports the student council and assists the Council in drawing up a constitution and planning and organizing its activities.

Key functions of the Student Council: The functions and activities of a Student Council support its aims and objectives and promote the college's development and the student's welfare.

In planning and undertaking activities during the year, the Council

1 Works closely with the management, teachers and students.

2. Consults students in the college regularly and involve as many students as possible in the activities of the Council.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cbit.edu.in/student-welfare/

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

10

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

5.4 - Alumni Engagement

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

CBIT has an Alumni Association has a well-connected network of Alumni. The alumni support the institution in developing academics and financial contributions. The college has conducted Alumni meet in AY 2022-23 at the college campus to bring together all the old students to share their experiences with current students and faculty through some activities. The alumni participate actively as the Board of Studies (BOS) members give valuable suggestions for framing innovative curriculum to include the latest technologies, which help to meet the industry requirements. Alumni feedback is also a critical input to strengthen the teaching and learning environment at the institute. Our Alumni Association is financially contributed. Currently, a large number of alumni have enrolled themselves in the association. The Alumni also actively support the students on placement opportunities and pre-placement training to build the necessary skills/training. They also advise students on the importance of Internships in Industry.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://cbit.edu.in/alumni-ay-22-23/

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The governance of the institution is reflective:

Governing body was constituted as per the norms.

1. Management and Principal participates in the Governing Body to ensure the policy statements, action plans are aligned for attaining the mission of the institute.
2. Principal frames the rules and regulations in consultation with the Governing body of the institution. He reviews the outcomes from the implementation of action plans through meetings with various statutory and non-statutory committees and makes necessary changes in action plans if required.
3. HODs are responsible for content delivery, effective teaching-

learning process, monitoring of mentoring systems, up-gradation and maintenance of equipment.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://cbit.edu.in/about/policy/

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

The institution promotes participative management at the strategic level, functional level and operational level.

1. Right from the Chairman to the staff and students, all stakeholders play a role in the development of the college. Their involvement and cooperation in devising and implementing decision making policies for academic and administrative affairs through various bodies and committees have contributed to the growth of the college.
2. Institution focuses on decentralization by intending equal opportunity (equal role to participate) in the functioning of the Institution.
3. The Principal, Heads of the departments, teaching and non-teaching faculty along with student representatives together concentrate on fostering the progress of the institution by sharing the responsibilities and act according to the aims and objectives of the Institution.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

During the last 15 years of existence, the institute has been planning meticulously to move forward in all three dimensions of education viz., teaching, research, and extension. The planning exercise involves all stakeholders viz., students, faculty, parents, industrialists, academic peers, and the management. Keeping in mind the needs of the industry and society, the institute has brought out a strategic plan document which has been

approved by the Governing Body and uploaded on the website. GB reviews the strategic plan and attainment of goals/targets. Suggestions from all quarters are well taken for the journey toward academic excellence.

We at CBIT prepared, practiced, and implemented the following strategies to meet the goals.

1. Broaden the knowledge and skill horizons of students by encouraging them to register for value-added courses and global certification programs.
2. Remedial action for slow learners is initiated based on the performance in the I-Mid examination instead of waiting till the declaration of final exam results
3. Well-structured career guidance and placement training for students
4. Sensitizing more students and faculty to be involved in Outreach activities
5. Encourage faculty towards R&D through numerous initiatives.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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

CBIT has a well-structured administrative set-up which ensures the excellent conduct of academic programmes. The organogram gives the organizational structure that exists in the institution. CBIT is a self-financed institution and is governed through a Governing Body, which is responsible for its overall administration and control. The Academic Council regulates and guides all academic matters. AC supervises the academic work of the institute, direct method(s) of instruction, evaluation, research and improvements of academic standards. The principal along with HoDs and other officers maintains the academic ecosystem in the institution. The rules and regulations of the institution are revised periodically following the due procedures. The following policies are duly formulated, approved by the concerned committees are uploaded to the website. There is a proper grievance redressal mechanism in place. For students related grievances, a grievance redressal committee, as per the UGC/ AICTE guidelines, is set up in the

institution. The institution has zero tolerance for sexual harassment, discrimination based on caste, colour, religion, etc. There are statutory committees like Internal Compliance Committee, Anti-ragging Committee, SC/ST standing committee as per the directions of UGC / MHRD which function effectively.

File Description	Documents
Paste link to Organogram on the institution webpage	https://cbit.edu.in/iqac/iqac-chart/
Upload any additional information	View File
Paste link for additional Information	Nil

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

Welfare measures extended to the teaching and non-teaching staff of the Institute:

Teaching Staff:

1. Maternity Leave for female staff members.
2. On duty for attending conferences and workshops.
3. Study leave for higher education and qualification improvement.
4. Financial support for the faculty attending conferences and workshops.
5. Subsidized food at the canteen.
6. Incentives & additional facilities for R&D activities.
7. Seed Money for Initiating Research Work.

8. Incentives for publication in Journals and Conferences, sponsored research projects.

9. Increments after getting Ph.D.

10. Subsidized transportation facility

Non-Teaching Staff:

1. Employees Provident Fund Scheme for all the regularized staff

2. Subsidized transportation facility

3. Subsidized food at the canteen.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cbit.edu.in/userfiles/policy/22-23/INSTITUTION%20POLICY.pdf

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

11

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

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

7

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

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

39

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The college has a mechanism for audit of the financial activities carried out in the Institution every Year. The Accounts department maintains financial accounts, prepares financial statements audited by an external auditor.

1. External Annual Financial Audit account is done by a Chartered Accountant.
2. The audit is conducted to check the correctness of the financial transactions and statement affairs of the Institution.
3. The auditor verifies Cashbook, Bank accounts, Ledgers, Bills, Vouchers, and statement of cash position and cash flow physically and conducts checks on the heads of various accounts, balance dates, and postings.
4. In case of funds received from funding agencies, an account is prepared in the required format on completion of the sanctioned project which is first audited by the CA, and then submitted. A no-objection certificate is received after settlement of accounts.
5. Audit reports are submitted to the management. The Governing Body ratifies these reports. With all statutory obligations duly complied, there were no major audit objections until the last audit.
6. Audit objections, if any, in case of all the above audits are complied with promptly by the Accounts section of the College, and the CA is also consulted whenever required.

File Description	Documents
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Upload any additional information	View File
Paste link for additional information	https://cbit.edu.in/userfiles/downloads/ITR-2023-24.pdf

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

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

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

Mobilization of Funds:

The College mobilizes funds as per the policy and procedure enacted by the Management. The process is monitored by the finance committee under the chairmanship of the Principal. The College receives funds from the following sources.

Income:

Tuition fee, Research grants, Consultancy, Alumni funds, other Contributions etc

Utilization of Resources:

At the beginning of the financial year, all the departments submit their financial requirements for the coming financial year under various heads. The requirements will be consolidated and the budget will be sanctioned by the management by taking care of the funds inflow. After the approval from the Governing Body, the funds will be allotted to the respective departments. At the end of the financial years, the departments submit their budget utilization reports for their allotted funds.

CBIT effectively utilizes the funds in the following ways

1. Salaries and Benefits

2. Power and Fuel

3. Printing and Stationary
4. Postage and Telephones
5. Library-Periodicals and magazines, journals
6. Affiliations
7. Traveling and Conveyance
8. Furniture
9. Laboratory Equipment and Consumables
10. R & D
11. Training & Placement
12. Examinations
13. Software procurement, maintenance, Wi-Fi, Internet
14. Student Services

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://cbit.edu.in/userfiles/downloads/ITR-2023-24.pdf

6.5 - Internal Quality Assurance System

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

An important and meaningful contribution has been made by the IQAC post-accreditation. The IQAC has started focusing all its effort towards promoting academic excellence at the Institution after the accreditation. In order to ensure compliance with its guidelines, the IQAC monitors different activities of departments and committees and requests reports when necessary.

Significant Contributions:

1. NBA Accreditation visit for CSE & CE.

2. Student soft skills development

3. Placement training

4. Faculty development programs

5. Programs organized by IQAC

1. A session on "Intellectual property rights" by Dr. S. Sooriya Prabha

2. An awareness session on " Institution Innovation council" by Dr. H. Suesh babu rao

1. A session on "NIRF" by Dr. YB. Mukesh

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cbit.edu.in/iqac/

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

IQAC is adopting a well-defined review mechanism of Teaching-Learning process, structures and methodologies of operation and learning outcomes through

1. Academic Audit
2. Faculty assessment through faculty performance appraisal
3. Departmental performance
4. Feedback from stakeholders
5. Question papers and answer scripts auditing
6. Assessment of outcomes through PAC

All metrics of academic activity including Teaching- Learning process, learning outcomes are thoroughly reviewed in Annual Academic audit by the experts in the academic audit committee. It also reviews quality assurance policies, mechanisms and outcomes. The Structured feedback is analyzed and appropriate follow up action is taken to meet the standards.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cbit.edu.in/iqac/

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender equality is one of the key challenges facing society today. The institute conducts regular gender equity promotion programs. Guest speakers from prominent field are invited to speak on the given topic which highlights the importance and contribution of women in the society. The gender equity promotion programs organized by the institution are given below:

CBIT has a strong ethical work culture that is based on inclusivity. It observes highest ethical standards in all its activities. Equal opportunities are provided to all individuals irrespective of gender, race, caste, color, creed, language, religion, political or other opinion, national or social origin, property, birth or other status. Its unique work culture, healthy traditions and ethos have led to enrolment of 60% women students and 30% women staff. Safety, security and well-being, along with gender equity and friendly working atmosphere are the issues of prime concern to CBIT. Annual gender sensitization action plan taken in CBIT is as follows: The Institute has taken several measures to enhance safety & security on campus by, installing CCTV cameras & by providing 24 hours *7 days security. The

Institute has also ensured gender equality in representation of women in all top positions.

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

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

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

CBIT has designed methods for the management of waste generated in the campus using the basic waste management strategy of 3R's: Reduce, Reuse and Recycle i.e., Reduce the amount of waste generated, Reuse everything to its maximum after proper segregation and cleaning and keeping things which can be Recycled aside and handed over to appropriate agencies. The waste generated in the campus includes liquid waste and solid waste- both of biodegradable and non-biodegradable nature & chemical waste. No classified hazardous waste is generated in the campus. The waste generated is classified into the following types:

1. Solid waste Management

Solid waste includes both biodegradable and non-biodegradable components. The non-biodegradable solid waste generated in the campus include, paper, plastics, metal cans etc. Biodegradable waste includes food waste, vegetable peels, leaves etc..

2. Liquid waste Management

Liquid waste that is generated in the institute falls into three following categories.

1. Septic tank effluents from various sanitary blocks, water used for washing and cleaning of utensils etc. from canteen
2. Wastewater from laboratories using chemicals

3. Wastewater from RO plant

3. E-waste Management

E-waste or electronic waste is created when an electronic product is discarded after the end of its useful life. E-waste mainly includes obsolete electronic devices, such as computer systems, servers, monitors, compact discs (CDs), printers, scanners, copiers, calculators, fax machines, battery cells etc. E-waste is disposed off through vendors

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

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

D. Any 1 of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File

Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

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

B. Any 3 of the above

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

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

B. Any 3 of the above

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

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

CBIT fosters an inclusive environment, embracing diversity across cultures, regions, languages, communities, and socioeconomic backgrounds through diverse co-curricular activities. Ensuring social harmony, the institution promotes universal human values, fostering a sense of unity among students. Cultural diversity is celebrated through cross-cultural exchanges, encouraging students to participate in festivals representing various cultures and religions. Greetings are exchanged during festivities like Pongal, Dasara, Diwali, Ramadan, Bakrid, Christmas, and Easter, promoting a sense of togetherness.

Efforts to address regional diversity include accommodating religious differences, making schedule adjustments, and allowing exceptions to dress codes. A zero-tolerance policy tackles misconduct related to ethnic backgrounds, discouraging offensive remarks or behaviors. Linguistic diversity is managed through culturally inclusive communication, translated materials, symbols, and pictures to overcome language barriers. The institution actively engages in promoting values related to gender equity and environmental sustainability through campaigns like tree plantations and clean India initiatives. Communal diversity is upheld, and the absence of incidents or complaints underscores the institution's commitment to providing a conducive environment for students of all communities and religions.

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

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

At CBIT we believe in giving holistic all round education to the students. And sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means.

Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Many of the subjects offered have topics which sensitize the students about the constitutional obligations. The College has introduced a compulsory paper on the Constitution of India across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation, as a part of strengthening the democratic values. Also, all students take a course on Environment

studies in their second year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc.

The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The affiliating University curriculum is framed with mandatory courses like Professional ethics and human values, Constitution of India, Essence of Indian Traditional Knowledge, as a small step to inculcate constitutional obligations among the students

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

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

A. All of the above

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

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

At CBIT, all national festivals are celebrated with great enthusiasm to inculcate a sense of patriotism in the students. Every year students come together and perform cultural programs like dance, skits highlighting societal problems. The students also prepare videos and speeches to share their thoughts on these days. The NSS unit organise many cultural programs to address prevailing social issues. The student staff and alumni participate and rejoice during this celebration with great patriotic fervor.

The Institution also commemorates the birth / death anniversaries of great Indian personalities like Dr.A.P.J Abdul Kalam, Mahatma Gandhi etc.. The students share the teachings of these eminent personalities through speeches and posters. On Teachers day too, the students puts up a show to express their love and gratitude for their teachers and salute the great Teacher Dr.Sarvepalli Radha krishna.

Women's day is celebrated on International Women's day i.e. March 8 to show respect towards women in all the efforts taken by them to manage the personal and professional life and for their contributions.

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

7.2 - Best Practices

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

1. Title of the Practice: "Elevate She: Nurturing Equality and Empowerment for Women" with the support of a Women Empowerment Cell.

Objectives of the Practice:

To promote gender equality and empower women among students and staff.

To create a safe and inclusive environment for women to thrive academically and professionally.

To provide resources, support, and opportunities for women's personal and professional growth.

2. Community reach through NSS

Objective:

To bridge the gap between the academic environment and the surrounding community.

To instill a sense of social responsibility and community service among engineering students.

To contribute to the sustainable development of local communities through skill-building and

awareness programs.

File Description	Documents
Best practices in the Institutional website	https://cbit.edu.in/userfiles/downloads/BEST-PRACTICES.pdf
Any other relevant information	https://cbit.edu.in/downloads/

7.3 - Institutional Distinctiveness

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

Career Catalyst: Integrating Placement Training, Innovation Council, and Infosys Spring Board for Student Success

Career Catalyst is a comprehensive initiative designed to empower students with the skills, knowledge, and opportunities essential for a successful career journey. By seamlessly integrating three key pillars - Placement Training, the Institution Innovation Council (IIC), and Infosys Spring Board activities - the program aims to provide a holistic and dynamic approach to student development.

1. Placement Training:

Equip students with industry-relevant skills, interview preparation, and professional development to enhance their employability and readiness for the corporate world.

2. Institution Innovation Council (IIC):

Foster a culture of innovation and entrepreneurship among students, encouraging them to think creatively, solve real-world problems, and incubate innovative projects.

3. Infosys Spring Board:

Offer a platform for students to engage with Infosys, one of the leading global technology companies, providing them with insights, mentorship, and hands-on experiences to bridge the gap between academic learning and industry demands.

File Description	Documents
Appropriate link in the institutional website	https://cbit.edu.in/userfiles/downloads/Institute%20distinctiveness.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To prepare an academic calendar at the beginning of the academic year and execute it stringently.
2. To improve the infrastructure by constructing new blocks and improving facilities in the existing blocks.
3. To improve exposure and inculcate an entrepreneurial mindset in the students & faculty in Science & Technology.
4. To increase the number of ICT-enabled smart classrooms available to students in all the departments
5. To encourage faculty members to undertake and successfully implement minor and major projects through the active involvement of students.
6. To conduct extension and outreach activities through National Service Scheme (NSS)
7. To encourage faculty, to register for Ph.D. and increase their research aptitude through participation in seminars, workshops, and conferences.
8. To organize a blood donation camp (through NSS).
9. To conduct various co- and extracurricular activities for students
10. To conduct yearly cultural and sports activities and annual prize distribution.
11. To provide opportunities for the needy, and sincere students in the learning stage, through its "Earn while Learn" program, thereby strengthening its qualitative student base.