



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
• Name of the Head of the institution	Dr. P. Ravinder Reddy
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04024193276
• Alternate phone No.	8466997204
• Mobile No. (Principal)	8466997204
• Registered e-mail ID (Principal)	principal@cbit.ac.in
• Address	Chaitanya Bharathi PO, Kokapet (V), Gandipet (M), Ranga Reddy (Dist.)
• City/Town	Hyderabad
• State/UT	Telangana
• Pin Code	500075
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	23/05/2013
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr. N.V. Koteswara Rao				
• Phone No.	04024193276				
• Mobile No:	9848244879				
• IQAC e-mail ID	director_iqac@cbit.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.cbit.ac.in/wp-content/uploads/2019/04/AQAR-2019-20-Submitted-Report-07-01-2022.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.cbit.ac.in/current_students/academic-calendar				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.73	2010	04/09/2010	09/03/2015
Cycle 2	A	3.11	2017	12/09/2017	11/09/2022
6.Date of Establishment of IQAC			27/04/2011		
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	
TEQIP	Sub Component 1.1	MHRD	Nil	Nil	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				

9.No. of IQAC meetings held during the year	3
<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
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>Feedback Process Self Appraisal Report for faculty Designing of Curriculum for UG programmes as per AICTE model Curriculum Participation in NIRF Ranking Initiated participation in ARIIA Ranking</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
Curriculum	R-20 Curriculum is implemented for PG programme
Auditing of Departments	Audit is Carried out in the respective departments and audit findings are addressed
Visit by PG-NBA Committees	Three (3) PG programmes are Accredited by NBA
Self-Appraisal Report	Implemented
Feedback Process Implemented	The respective faculty are counselled by the respective Heads
13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Directors, HODs, IQAC Members	11/05/2022

14. Was the institutional data submitted to AISHE ?

Yes

- Year

Year	Date of Submission
2022	10/03/2022

15. Multidisciplinary / interdisciplinary

The Institution has been striving hard to transform itself into a university in the near future, so as to accommodate diversity through multi-disciplinary approaches. Proposals are already drafted for introducing B.Sc. (Mathematics), M.Sc.(Applied Mathematics) and a 4- year program me in computing mathematics and are under serious consideration of the authorities. As of now an MBA programme and an MCA Programme are being successfully run by the institute.

It is the policy of the institution in general to stick to the instructions of statutory bodies like AICTE,UGC etc., in designing the curriculum, giving due weightage (of nearly 18%) from the total credits to Humanities & social Science (HSS), including management, regulatory courses and Basic Sciences Courses (BSC) .

At the same time, certain flexibility and innovation is incorporated in the curriculum by introducing open electives, Professional electives Provision for engineering degree & honors degree and credit transfer facility from MOOCS & Internships. Besides these, a scope is also created to make the students work in multidisciplinary areas such as community engagement & service, environmental education and rural internships.

Presently, lateral entry is permitted for all the Programs (except Biotechnology) at the 2nd year level for diploma and B.Sc. students. Bridge courses are designed as Prerequisites for them to facilitate smooth transition and completion of the programme. Plans

are all also on, to permit the entry of B.Sc.(Electronics) and B.Sc. (computers) into BE(ECE) and BE (CSE) respectively, at the end of 2nd or 3rd year.

The institute has a well-established ACIC (Atal Community Innovation Centre) sponsored by NITI Ayog, New Delhi. This Centre is focusing on some of the important areas that the society is facing Pressing Challenges such as Agritech & food tech, health tech, Drone Technology, water sanitation & solid waste managements, environmental pollution control technology etc.,

In addition to this, institute has already established Robotics & drones lab, digital fabrication lab, breakers lab, makerspace, Idea lab sponsored by AICTE, to promote innovation and incubation for the benefit of the society.

16.Academic bank of credits (ABC):

One of the provisions of the National Education Policy 2020 (NEP 2020) is the introduction of the Academic Bank of Credits (ABC). ABC will allow students of undergraduate and postgraduate degree courses to exit the course and enter within a stipulated period. Academic Bank of Credits shall deposit Credits awarded by Registered Higher Education Institutions, for Courses pursued therein, in the Academic Bank Account of the student and the validity of such credits shall be as per norms and guidelines issued by the Commission from time to time. A portal, <https://www.abc.gov.in>, has been launched, with the aim that HEI & Students can register in this portal. Students will be allowed to earn credits through various HEIs registered under this scheme and courses offered under National schemes by SWAYAM, NPTEL, V-Lab, etc. Institutional registration on the portal <https://www.abc.gov.in> has been completed. Faculties are encouraged to design their own curricular and pedagogical approaches within the approved framework, including text books, reading material selections, assignments, and assessments etc. The various committees to guide in this regard are Course Experts Groups, Board of Studies, Academic council, Governing Body. Circular on creating awareness on Academic Bank of Credit has been sent to the students. Final year students are instructed to create a login on the portal. The data required in the specified format is not available with the present ERP software provider. New ERP software will shortly be installed and the data as per the formats specified will be prepared and uploaded to the portal.

17.Skill development:

CBIT focusses on skill development to enable the students for

acquiring desired competency levels. In this context, institute has

- Implemented a curriculum and syllabus in the paradigms of Outcome Based Education
- Being as an autonomous institution, CBIT gives highest priority to skill development. In R-20, apart from the regular lab courses, seminars, mini-projects, and project courses, three *mandatory internships* for 7 credits are introduced to promote skill development apart
- Institute has a dedicated centre name "*Training and Placement Cell*" for providing the required training, skill development and placement support.
- Also signed on MoUs with various organizations and institutes for creating awareness on emerging courses, industry technologies, projects, practices.
- In addition, the institute provides capacity building programs and skill inculcation programs to final UG and PG students under the guidance of CDC.
- Students are offered with xx value-added courses based on skills for the skill development. These value-added courses include Communication Skills, Foreign Languages, TOEFL, GRE and GATE coaching, Emerging Technologies like IoT, Cyber Security, Data Science, Machine Learning, Robotics, Blockchain, Python, and R Programming, etc.
- Courses in all programs are organized in such a way that students get opportunities for experimental learning and skill development through internships, field works, industrial visits, project works and hands-on learning methods
- Every department offers a credit courses Employability Skills, Basics of Data Structures and certificate courses for employability and skill development.
- In order to provide value-based education, institute provides courses and events on professional ethics, research ethics, Indian Constitution, life-skills and code of conduct.
- The R-20 curriculum provides an opportunity for the students to acquire additional knowledge and skills through Minor Engineering and Honours Degree programs.
- In addition, days of importance are observed to inculcate the values of truth, justice, peace, love, and non-violence.

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

Relevance with NEP Policy

The rich heritage and eternal knowledge created and acquired by

Indians over several millennia in the Indian subcontinent .The rich heritage of ancient and eternal Indian Knowledge and thought has been a guiding light for this policy.

1. Curricular integration of essential subjects, skills and capacities: sections 4.27; 4.28 & 4.29
2. Towards more holistic and multi-disciplinary education :sections 11.1;11.4; 11.7 &11.8
3. Catalysing quality academic research in all fields through a National Research Foundation: sections17.7
4. Professional education: section 20.3
5. Promotion of Indian Languages , arts and culture: section 22

Indian Knowledge system [IKS]repositories can be bifurcated as under

1. Systematised Knowledge: Manuscripts, and Shastraas
2. Traditional knowledge : Oral traditions , Folk songs,

Stories, Arts, handicrafts

Current models of development are unsustainable and are in direct conflict with nature. Hence a dire need for the new Paradigm of development

In order to meet the requirements of the students an exclusive students' club is initiated and christened as GEERVANA BHARATHI [The Sanskrit Club of CBIT] with the following objectives in 2017

Objectives of Geervana Bharathi

1. To promote interdisciplinary research on all aspects of Indian Knowledge Systems,
2. To preserve, and disseminate Indian Knowledge Systems for further research and societal applications,
3. To infuse confidence in the younger generation about our own heritage [Atma Nirbhar Bharath)
4. To highlight the significance of Sanskrit in Personal and Professional life too

As an attempt, in R-18, PG Program of ME (PSPE) a course: Sanskrit for Technical Knowledge is deigned and listed under Open Elective .

UG Program a course: Indian Traditional Knowledge as mandatory Faculty are encouraged to give instruction in Local Language (Telugu) also to complement and supplement the understanding of the student particularly in Laboratory classes.

Programmes conducted by Geervana bharathi

Date	Program
08.09.18	One day Symposium on "significance of Sanskrit for Technological Research"
29 - 31 Aug 2019	International Conference on Vedic Mathematics
29 - 05 July 2021	Bharateeya Chaitanyam -
11.04.2021	Collective Prayer cum Preach Session to combat COVID
26.02.2022	Prachodan -Series of webinars

Our Faculty has associated with IKS of AICTE and recognised mentor [BJS1_M26]

He is supervising Two Interns on the domain Applications of Vedic Mathematics to Engineering

Future plans

1. To preserve original traditions , texts through appropriate means
2. To collaborate with scholars , artists and experts
3. To research by studying original texts and understanding their relevance for sustainable societal problems
4. To develop specific courses focusing on IKS
5. To infuse IKS into existing courses using relevant examples and concepts
6. To disseminate knowledge.

CBIT is progressing to meet the objectives of IKS in line with NEP 2020

Under the banner of GEERVANA BHARATHI- Chaitanya Sahiti of Chaitanya Samskruthi with a motto: ?????? ?????? ???????? ?????

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

5. Focus on Outcome based education (OBE):

1. Describe the institutional initiatives to transform its

curriculum towards Outcome based Education (OBE)?

2. Explain the efforts made by the institution to capture the Outcome based education in teaching and learning practices.
3. Describe any good practice/s of the institution pertaining to the Outcome based education (OBE) in view of NEP 2020.

Chaitanya Bharathi Institute of Technology (CBIT) is established with affiliation to Osmania University. The institute offers eight undergraduate and eight post graduate programs in Engineering in addition to one PG program each in Computer Applications and Business Management. The Institute has conferred UGC Autonomous status from the academic year 2013-14 and designed the curriculum and syllabus, referred as R-13 Regulation. From the academic year 2016-17 the Institute has adopted Choice Based Credit System (CBCS); accordingly, the revision of the syllabus (R-16 Regulation) has been carried out. The subsequent revision of the syllabus (R-18 Regulation), was done in line with AICTE Model Curriculum from academic year 2018-19 onwards. From R-18 curriculum onwards students are having a provision to acquire Honors /Additional Minor Engineering degree by earning 20 credits additionally through MOOCs. The R-20 curriculum is enriched with courses like Engineering Exploration, Community Engagement, Universal Human Values-2 , Mandatory Internships and activity points(e-portfolio).

The Program curricula for UG and PG programs at CBIT mainly focuses on the Outcome Based Education and it is structured in such a way that it suits the current technology, industrial needs, requirements for continuing higher education, research and also helps the students in securing employment in different organizations. In the process of designing and developing the curriculum the departments have exercised in collecting the feedback from all the internal stakeholders (faculty, students) and external stakeholders (alumni, parents, employers/recruiters and experts from industry and R & D organizations). Curricular gaps are identified by Course Expert Groups(CEGs) through the feedback received from alumni/ outgoing students/ industry and the same is discussed in the department meetings to fill the gaps and accordingly revision has been made in sub-sequent curricula.

In all the regulations, Vision, Mission, POs and PSOs are also taken into account while drafting the curriculum. The draft copy of curriculum is sent to Program Assessment Quality Improvement

Committee (PAQIC) and Department Advisory Committee (DAB) for further suggestions. Then, it will be presented to BoS meeting for thorough discussion. The BoS includes the experts from Industry, Academia, R&D organizations and also Alumni. Later it will be presented to Academic Council to seek the approval, where Academic Council includes the members from user industry, academia from reputed institutions such as IITs/NITs, Universities, R&D Organizations.

The Teaching and Learning process is given the foremost importance in the Institute. Quality improvement in teaching and learning is achieved through well-defined processes. Institution is more focussed on implementing OBE to nurture students' skills, knowledge and attitude. Learner centric pedagogical approaches are adopted by all the faculty members. They are

1. Experiential Learning Methodologies
2. Participative Learning Methodologies
3. Problem Solving methodologies

The Information Communication Technology (ICT) tools used in CBIT includes LCD projector, CBIT ERP system, GOOGLE MEET, WEBX platforms and CBIT Learning Management System.

CBIT Learning Management System:

<https://learning.cbit.org.in/login/index.php>

Every faculty has account in Learning Management System. The courses are created for respective faculty and students of that course are enrolled. Learning material related to the course is uploaded. The contents of the course are:

- Unit wise Notes
- Question Bank
- Lecture Recordings
- Slip Tests
- Assignments

The Institute's library is maintaining the digital repository of course material for all the courses of UG and PG programs.

20.Distance education/online education:

The Institute has excellent infrastructural facilities along with ICT enabled tools to have and offer an online/blended education to its students. It has been a practice in the Institute in offering

and using these facilities for an effective and outcome oriented education. Few of such significant practices are mentioned as follows:

- Institute promotes the usage of ICT enabled classrooms which are equipped with overhead projectors, screen and internet/Wi-Fi facility. Each department has a dedicated e-classroom with an additional smart board facility. Every computer laboratory has a 1:1 Student to Computer Ratio while they are in use, and all of the machines have latest configuration and LAN connectivity. All of the classrooms and laboratories are equipped with dual facilities allowing instructors to switch between LCD projectors and white board as needed.
- The Central Library of the Institute has adequate number of LAN connected computers, where students can access digital materials including IEEE, Springer, Elsevier, ASCE, ASME Journals, NPTEL Courses, etc. All the available and subscribed e- resources are provided I.P based access and these resources can be accessed from any computer connected in the campus LAN. The library has introduced a Remote Access facility in 2021 for faculty members and students through login ID and Password. This facility enables the library users to access subscribed online databases/e- Journals/e-books from the off campus / home. This service was effectively used by library users during the COVID period.
- The institute has a customized Learning Management System (LMS) with an access to all the faculty and students. This platform is used to upload lecture videos, course material, assignments and to conduct online proctored examinations.
- The Institute is maintaining the digital repository of course material for all the courses of UG and PG programs.
- Institute has MoU with 42learn.com to facilitate offering of online courses to broadcast the recorded video lectures for UG and PG programs. These video lectures include regular courses and other industry relevant courses to fulfill and bridge the skill-gap requirements in the market and Industry. This MoU also includes promoting CBIT as a regional Hub for training and promoting skill development courses. The Institute has established a fully furnished, air-conditioned space with an adequate seating capacity and a room for digital recording and editing of the content. The equipment provided by the Company include 4K Camera, LED Lights, Green Mat, and Focus Lights.
- The Institute further plans to offer online pre-placement training programs.
- The Institute in partnership with Atal Incubation Centre shall facilitate industry trainers and its alumni to conduct

relevant programs and subsequently provide placements for students.

- Online executive programs for working professionals for professional development.
- To digitize regular courses by involving faculty, alumni and industry experts to offer to students.
- Institute has established facilities to conduct online courses and training programs for faculty and students. The institute procured licenses for Cisco-Webex and Microsoft Teams for smooth conduct of online sessions.

The Institute achieved its vision and goals with the above mentioned practices with ease and effectiveness. This is evident and witnessed during the pandemic period. Institute will also strive to do its bit with best of its capability by using and enhancing these online educational facilities in the near future for the holistic development of the institute and welfare and wellbeing of future citizens as nation builders.

Submitted by:

1. Prof. K. Radhika
2. Prof. P. Prabhakar Reddy
3. Dr. P.V. Naga Prapurna
4. Dr. E. Jalaja

Extended Profile

1.Programme

1.1 21

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 5156

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

1348

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

10201

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

956

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

344

Number of full-time teachers during the year:

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	21
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1 Total number of students during the year:	5156
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	1348
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	10201
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	956
File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	344
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	333
Number of sanctioned posts for the year:	
4.Institution	
4.1	1098
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	120
Total number of Classrooms and Seminar halls	
4.3	1725
Total number of computers on campus for academic purposes	
4.4	227885437
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.	
<p>The institute conducted interactive sessions with stakeholders to evolve an acceptable restructured engineering curriculum, R-20, that is in force from 2020-2021 academic year based on the guidelines provided by AICTE's model curriculum. Accordingly, the institute has developed the model curriculum (R-20) with 160 credits for UG and 68 -112 credits for various streams of PG Programs. The R-20 curricula developed and implemented have</p>	

relevance to the local, national, regional and global developmental needs which are reflected in the Program, Program Specific and Course Outcomes of the Programs offered by the Institution.

A provision has been made to complete online certification courses through MOOCs for academic credit transfer. The curriculum(R-20) has also made a provision for the students to attain 'Honors' or 'Minors' degree by pursuing MOOCs. The R-20 curriculum is enriched with courses like Engineering Exploration, Community Engagement, UHV-II, Mandatory Internships and Activity Points.

R-20 was introduced, scheme and syllabus for I and II semesters was presented in the 9th academic council meeting held on 12-9-2020. In continuation to this, the BoS meetings were conducted by the departments to revise the scheme and syllabus for III and IV semesters and the same was approved.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	https://www.cbit.ac.in/academic_post/academic-council/

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

18

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

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

122

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

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	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

20

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
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 institutes' R-18 and R-20 curricula are enriched with courses

that effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics.

During SIP, UHV-I has been taught with the objectives, to

- sensitize the student about the scope of life, individual, family relationships, society and nature
- strengthen self-reflection
- develop more confidence and commitment to understand, learn and act accordingly
- A credit course on UHV-II is made mandatory course to all the students joining from the academic year 2020-21 and afterwards.
- Gender Sensitization was taught as open elective at VII/VIII semesters which aims to:
 - Develop students' sensibility with regard to issues of gender in contemporary India
 - Provide a critical perspective on the socialization of men and women.
 - help students reflect critically on gender violence.
- Environmental Science course was taught for all the students at III/IV semester level with the following objectives , to
 - identify environmental problems arising due to engineering and technological activities and the science behind those problems.
 - identify the importance of interlinking of food chain
 - learn about various attributes of pollution management and waste management practices.

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	No File Uploaded
Any additional information	No File Uploaded

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

175

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

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

11023

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

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

619

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

1.4 - Feedback System

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

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.cbit.ac.in/wp-content/uploads/2022/07/1.4_Stakeholders-Feedback_2020_2021-min_compressed.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.cbit.ac.in/wp-content/uploads/2022/07/1.4_Stakeholders-Feedback_2020_2021-min_compressed.pdf
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

1466

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

729

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

2.2 - Catering to Student Diversity

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

The institute has got a well-designed student support system to cater the diversity in learning among the students of all classes.

Slow Learners: All those who are securing less than 50% of marks in CIE are identified as Slow learners by the respective class teachers and are brought to the notice of the concerned HoD. Based on the analysis, the department notifies and organizes remedial classes or a few extra classes covering the required topics. Giving greater attention to those required and clarification of their doubts will be emphasized. Concerned mentors will be discussing with these slow learners on the issues/difficulties in learning and counseling sessions will be conducted.

Advanced Learners: The students getting 75% or more in the CIE. In order to address their learning needs and quench their thirst for advanced learning, the departments provides co-curricular and extra-curricular activities that attract their competitive spirit and attention. These include Quizzes, workshops, seminars, conferences, Hackathons, model making etc. They are further motivated to take up MOOCs courses, special guidance is given to carry out innovative projects and to publish papers in conferences and journals. They are also involved in Entrepreneurial deliberations, start-up ideas and innovative research projects.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/166epI3FmNGg4uupsI3NIbF5sNgJi6yGB/view?usp=sharing

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2021	5165	344

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 Institute, adoption of student's centric methods to enhance student involvement as a part of participative learning and problem solving methodology.

Experiential Learning

Project Work/Mini Project is organized in two parts which is mandatory for each programme of study

Internship or Field Projects is included in the curriculum

Participation in Competition/Hackathons-students are encouraged to participate for real time exposure and expertise.

Industrial Visits are planned for students to provide exposure to industrial work culture.

Guest Lectures are organized to supplement the teaching process by eminent experts from industry and academics.

Participatory Learning

Team work-Institute clubs organize students' activities to promote the spirit of Team work.

Group work-Practicals/Workshops are carried out under the guidance of faculty.

Problem solving Methodology

Case study method is adopted in teaching learning process to make the students have logical thinking and practical knowledge to develop problem solving ability.

Research activities are conducted in each Department under the guidance of senior faculty where the students get knowledge about emerging area.

Collaborative Learning-Outdoor activity/Real time projects are assigned in teams to understand problem statement, Identify multi-disciplinary approaches, Build systems design. Analyse solutions, prepare a report and present seminar.

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

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

Pedagogies play an important role in delivering of content. Faculty prepares a detailed course plan, assignments questions, quiz questions etc. for a particular course. Course handout, materials are prepared and uploaded on the Learning Management Systems (LMS). Faculty use ICT-enabled tools including online resources for effective teaching and learning:

- Citing real world examples for application-based courses.
- Power Point Presentation PPTs
- Digital texts enable real time learning, monitoring, comprehension and online assessment
- LMS (Moodle) for Quiz, Assignment, Notes, etc.
- ERP for Access to study material, attendance, feedback, etc.
- Case studies/Project based Learning/Workshops
- Expert talks-Department regularly arranges webinars/seminars through professional societies.
- Group discussions/tasks
- Collaborative/Cooperative teaching/learning: Students share knowledge/discuss topics in small group or in peer mode.
- SWAYAM: The faculty members are using E-sources from SWAYAM courses for effective teaching. The same also provided to the students in order to develop self-learning and life-long learning skills.
- Assignments problems are given to students to solve by themselves in order to address the higher order Blooms Taxonomy levels.
- Laboratory experiments demonstration is done before

conducting of lab experiments. Students are made exposed to usage of modern tools where ever it is necessary.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://learning.cbit.org.in
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

249

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 four years of B.E degree program will have eight semesters and each semester shall consist of 16-17 weeks of instruction, including the Continuous Internal Evaluation (CIE) and excluding the Semester End Examination (SEE). The almanac/academic calendar are circulated by Director-academics. The Head of the department ensures that detailed Lecture schedule and course files are prepared by the faculty, the same is evidenced in Semester readiness program (SRP).

Department prepares its own action plan in alignment with the Institute almanac/Academic calendar prior to the commencement of the semester. Action plan includes preparation of time tables, formation of different committees like: Common Course Committee, Multiple Courses Committee, Overall Monitoring Committee. Conduct and implementation of Slip-tests, assignments, Periodical student feedback, Periodical Project presentation etc. for smooth execution of Teaching & Learning process.

Course material/lab manuals for all the subjects are prepared by

faculty and circulated to the students. The faculty are following the Outcome based Education (OBE). The faculty of department adopts various innovative Teaching & Learning methodologies to create the better learning environment. Industrial visits are conducted to reduce the gap between industry and institute. Workshops are organized to help the students to understand concepts beyond curriculum

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

344

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	No File Uploaded
Any additional information	No File Uploaded

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

148

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)

10

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

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

43

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

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

03

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

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

The college will conduct continuous internal evaluation (CIE) and semester end examinations (SEE) to evaluate the academic performance of the students. The CIE includes slip tests, assignments and class tests. In addition to assignments there course end projects, case studies for different courses. The Chairperson-Bos of concern department will give list of subject experts from premier institutions in the state and outside the state. The question papers will be brought from outside the

college. The Chairperson-BoS or his nominee (senior faculty) will do the moderation to ensure the quality of question papers. The question paper will include course outcomes and bloom's taxonomy levels. The moderator will ensure the question paper is as per the syllabus and meet the blooms taxonomy levels.

After the conduct of examination, evaluation will be done with internal and external examiners to have more transparency. The award lists will be scanned as part of IT integration for results processing. The results will be processed incorporating all the norms given by the college. The students can apply for physical verification and revaluation if required after the declaration of the results. The grade sheets will be issued to students after the results declaration

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.cbit.ac.in/current_students/rules-regulation/

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

Programme Outcomes (POs), and Course Outcomes (COs) have been formulated for all the UG and PG programs. Programme Outcomes (POs) represent the graduate attributes formulated as per Washington Accord and adopted by National Board of Accreditation. Program Outcomes (POs) of all the UG and PG Programmes have been disseminated to the stake holders.

The Course Outcomes (COs) for each course are prepared by the course coordinator. For every course, 4 to 6 COs are prepared for addressing most of the applicable levels of Blooms Taxonomy incorporating knowledge, skill and attitude. These COs are modified and reframed, in accordance with the changes in Curriculum and revised timely. These COs are discussed and finalized in the Board of Studies (BoS) of the respective programs.

The course COs are published in the syllabus book and on the college website. Correlation matrices are generated to link Courses with their outcomes, POs and PSOs. These matrices specify

the correlation in terms of high, medium and low levels (3,2 and 1 respectively). The average mapping of POs/PSOs for the given program is obtained by averaging the levels of mapping for each of the courses.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	No File Uploaded
Upload any additional information	No File Uploaded
Link for additional Information	https://www.cbit.ac.in/current_students/ug-and-pg-syllabus-structure

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

Method of measuring and the level of attainment of POs/PSOs/COs

- Department ensures to set the assessment questions from Class-Tests/Slip-Tests/Assignments to map with the Blooms Taxonomy levels specified in the CO
- Data is collected from faculty after course attainment is computed.
- For Direct Attainment of POs/PSOs, all courses attainment is computed for the studied batch and CO-PO/PSO attainment averages are obtained.
- The Course-PO/PSO attainment matrix is prepared for all the courses in a table.
- Individual Course-PO/PSO attainments are obtained by taking the average of the respective columns of Course-PO/PSO attainment matrix.
- Final PO attainment is the sum of 80% of Direct Attainment and 20% Indirect Attainment.
- Indirect Attainment is computed using Program Exit Survey, Employer Survey, Extra-Curricular activities.
- PAQIC decides PO/PSO attainment targets for the current batch based on the attainment of the recently graduated batch. If all POs/PSOs meet the targets set then the targets for next AY are increased, if any of them are not attained, then for the POs/PSOs which failed to meet the targets the attainment of the Courses mapped to the respective POs/PSOs are identified and corrective measures are planned for the next batch.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://drive.google.com/drive/folders/1XN9d7ek68h1I5H2rBWnyD-6Zo7XmpgPQ?usp=sharing

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

1230

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://www.cbit.ac.in/current_students/results

2.7 - Student Satisfaction Survey

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

<https://www.cbit.ac.in/wp-content/uploads/2022/07/Student-Satisfaction-Survey-2020-2021-1.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Yes.

Generally, the institution provides seed money to the prospective faculty. However, due to pandemic conditions, this year the faculty could not avail the funding

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.ac.in/wp-content/uploads/2021/12/External-Research-Policy.pdf
Any additional information	No File Uploaded

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

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

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
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	No File Uploaded
Any additional information	No File Uploaded

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

08

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)****237.59786**

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year**05**

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**45**

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**04**

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.

To enhance research activities and cultivate pleasant research atmosphere, a multi-crore state of the art building with all modern technical facilities is established. The R&DCentre, with its State-of-the-Art Infrastructure, has been established to promote Research and Innovations amongst the Faculty and Students by identifying new Research Areas, developing Projects leading to Publications, Products, Innovations and Start-Ups.

CBIT has established its Business incubator with MSME in the year 2019. The main aim of the incubator goes hand in hand with MSME and ACIC objectives. The main goal is to nurture ideas from professionals/students/local community and foster such entrepreneurial ideas in a supportive environment before they become attractive for venture capital. Incubation Centre, CBIT facilitates necessary infrastructure, prototype development support, research assistance, help in getting funding, business consulting assistance, mentoring and guidance to make their idea into a successful venture.

IIC conducts a number of programs related to Innovation, Incubation, Entrepreneurship, Startups and IPR related activities. Our institute had collaborated with T-Tribe for the Launchpad Program to enable our students to develop Entrepreneurship culture and 41 students have successfully completed the program. CBIT has been selected from Telangana by AIM for the establishment of Atal Community Innovation Centre.

File Description	Documents
Upload any additional information	No File Uploaded
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

37

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

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

B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

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

3.4.2.1 - Number of PhD students registered during the year

01

File Description	Documents
URL to the research page on HEI website	https://drive.google.com/drive/folders/1h0gwM5KMsu0u6NV-AAShG5OTyyXV4IDJ?usp=sharing
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	No File Uploaded
Any additional information	No File Uploaded

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

270

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

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

55

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

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

809

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**

07

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)**

1.368

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	No File Uploaded
Any additional information	No File Uploaded

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	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

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

A Two-day Workshop on "Rural Immersion Training Program for Faculty" was conducted on 14th and 15th Nov 2019 by Mahatma Gandhi National Council for Rural Education (MGNCRE), DoHE, MHRD, GOI in collaboration with Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana. This Program is government initiative aimed at creating awareness on Participative Rural Appraisal/Participative Learning and Action activities, which are very much useful for the Faculty and Students. 32 participants were divided into five teams accompanied by one local person in each team, scattered to different places of the village to have one to one interaction with villagers and know the various problems prevailing in the Village like sanitation, water, drainage, health, education etc. After the visit, map of the village was drawn in front of Gram Panchayat by all five teams and report was prepared, followed by Valediction. Report prepared by the participants in five teams was submitted to authorities of MGNCRE for further action. It was a learning experience to the faculty to understand the ground realities in villages and provide the solutions by the participants who were drawn from different branches with varying background who looks the problem with different perspective and provide appropriate solutions

File Description	Documents
Upload any additional information	No File Uploaded
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

0

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

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

11

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

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

201

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

3.7 - Collaboration

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

1

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

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

11

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 Institute has established excellent Infrastructure such as State-of -the Art Laboratories, spacious Library with Printed and Digital Collection of Books and Journals, Sports, Hostel, and other Infrastructure for Extra and Co-Curricular Engagements.

The Institute's Library, housed in an independent Building with an Area of 18,000 Sq. Ft., with a spacious reading hall, functions, as the Primary Information Resource Centre, a Repository of all Printed and E-Resources for Teaching and Research Activities, 1,14,573 Volumes of Books, 5000 E-Journal Packages such as IEEE, ASME, ASCE etc.

Placement Cell was established in 1998 with the primary objective of placing students in world class corporate companies. The cell is provided with state of art infrastructure facilities. The cell is housed in 18000 Sq.Ft. with two halls of 200 and 600 seated capacity with state of art Audio visual facilities,12 Air-

conditioned Interview rooms and Online exam center with 256 computer systems.

Institute has 2150 HP/Dell Desktop Computers with high-end configuration. Also, there are 10 HP / Dell Servers and 130 Laser printers. All these machines are accessible through LAN and accessible to WAN with two ISPs with 1084Mbps Leaded Line (M/S Pioneer Elabs and Reach Broadband Ltd.)

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.cbit.ac.in/current_students/facilities

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

The Institute has provided adequate facilities for cultural activities, yoga and sports and games (indoor and outdoor). 'Chaitanya Samskruthi', the cultural club of CBIT, with its various wings such as Geethi, Vaadya, Lasya etc., is accommodated for practicing in four rooms, each of size 60.37m² in the third floor of the sports block. For performances, an exclusive stage of twelve thousand square feet area is provided in the J-Block facing east along with a spacious open-air ground to accommodate the viewers up to a capacity of about 1200. Beside these, the assembly hall in the canteen block, the main seminar hall in the D-Block, the seminar hall in the N-Block and the cricket grounds are used for bigger scale performances on special occasions such as SHRUTHI (the institute cultural festival).

Our institute has a separate sports block consisting of ground plus three stories, that accommodates all indoor games, gymnasium and a studio for yoga practice. Total area of the block is 2348 m². Attached to this is another indoor shed of 407.79 m² that accommodates an indoor badminton courts. In addition to these facilities, about 2 acres space is existing for outdoor games such as cricket, Football, Volley ball etc.

File Description	Documents
Geotagged pictures	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.cbit.ac.in/campuslife_post/students-clubs

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

104

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

364.44444

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

4.2 - Library as a Learning Resource

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

- Name of the ILMS software : NewGenLib
- Nature of automation (full or partial) : Fully
- Version : 3.2
- Year of automation : 2000

Library Housekeeping operations are automated with NewGenLib: an Integrated Library Automation Software. Library Database is created

and made available to access with online public access catalogue through campus network. Library Users can access and search through online public access catalogue to know the availability and status of the resource. Barcode technology introduced in the library circulation system to avoid human input errors. Library Circulation system performs daily operations through automated system. All the necessary precautions are taking for the safeguard the library database (updating, backup etc.)

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.cbit.ac.in/library_post/librar_y

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

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

41.27883

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

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

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

52

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

4.3 - IT Infrastructure

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

The institute has IT policy and identified a team with two IT professionals to manage WiFi, IT services and security related issues in the campus. Team will continuously upgrades IT facilities with enough number of computers connected with fiber optic network and Wi-Fi to enable all the stakeholders to have better access to all the learning resources & ICT.

services in the campus providing 24x7 internet facility with 685 Mbps Internet leased line bandwidth and it has been upgraded to 1000 Mbps in 2020-21. The Institution takes care of all physical, academic, IT and other facilities with effective maintenance support allocating appropriate budget for optimum utilization of the resources.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5157	2300

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. 750 Mbps
---	--------------------

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

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

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

282.37529

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

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

The institute has an exclusive maintenance department with over 70 staff for the regular up keep and periodic maintenance.

Academic Facilities: Facility damages if any, are repaired on

priority basis besides taking up periodical maintenance aspects like colouring, white washing etc.

Laboratories are maintained on a regular basis. Requirement of equipment and consumables are put up by respective HODs and those which are approved will be procured. Equipment that are obsolete are condemned based on the decision of an Expert Committee.

Library: used newspapers are disposed of on a regular basis; damaged books will be condemned & sold out as scrap by calling tenders.

Sports Complex: It is maintained on a regular basis. However, the maintenance of used up sports material is taken care of by the Physical Education Department itself.

Maintenance such as housekeeping, electrical & plumbing works etc., The Engineering Department takes care of on a regular basis. Maintenance of toilets in all blocks is outsourced. Housekeeping is out sourced in R&D, N - block, while in all other blocks, the maintenance department takes care of.

Computers are maintained regularly under AMC, while the outdated or obsolete systems are sold out as E-waste after getting E-Certification.

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

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

2705

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	No File Uploaded

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://www.cbit.ac.in/
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

708

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating 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	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression

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

708

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

68

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

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

156

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

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

12

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

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

A Student's union is in place in the institute right from its inception. The institute has a special practice of nominating the meritorious students of each class / section as class representatives and thereby making the topper of the institute (up to VI Semester) in the final year as president, next meritorious

in the final year as vice-president; topper in the IV semester as the General secretary, next meritorious as joint secretary and so on. These members of Students union will be given opportunity to interact with Director of SA & P frequently to represent their issues & concerns. They will be made a part of the discussing teams during all important academic / administrative reforms and given opportunity to express their views to the administration and management authorities. Most recent example is to decide about the examinations policy during the ensuing pandemic situation. Besides these, there is a grievance cell for students in the campus for which the president of students union is a member. Student representatives will also be involved in the anti-ragging committees.

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

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

100

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

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

The Institution organizes alumni meet at least once every year. The annual gathering usually has alumni from all the departments and share their professional experience and whereabouts. Expert talks and guest lectures are organized and the alumni associates contributes to the college in terms of ideas and as resource persons for various sessions. The Alumni meeting (online) was organized on 25.12.2020 in the CBIT campus and the points viz., Organizing Annual Alumni Meet, every year on 25th December,

Sponsoring to seminars, workshops, conferences, etc., Mentoring students, Providing internships and placements to CBIT students, Supporting meritorious and economically needy students, Delivering expert talks and guest lectures, Contributing significantly in Curriculum Design and Development as BoS members, Exclusive Alumni Chapter in USA, Maintaining Alumni website etc., have been discussed.

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

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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

Response:

The Institution defined its Vision, Mission and Quality Policies which is approved by its Governing body

Vision: To be the center of excellence in technical education and research.

Mission: To address the emerging needs through quality technical education and advanced research.

Quality Policies : CBIT imparts value based Technical Education and Training to meet the requirements of students, Industry, Trade/ Profession, Research and Development Organizations for Self-sustained growth of Society.

The Institution Governance Structure and its functioning is well defined and institution used with its scope and functioning in

tune with the Vision and Mission of the Institute, so that the objectives of its strategic plan are well attained.

Participation of Faculty in different committees

The committees have been constituted in the Institution in accordance to the UGC Autonomous guidelines. Faculty members of the Institute are inclusive in all decision making bodies and committees of the institute such as, Governing Body (GB), Academic Council, Board of Studies, IQAC and etc.

The faculty are also members of other Committees viz., Anti Ragging, Grievances and Redressal, Industry-Institute Interaction etc., which have been constituted with specific functions and responsibilities as mandated by regulatory bodies.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.cbit.ac.in/about_post/about

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

The management ensures decentralization by creating positions of Directors to help the Head of the institution in planning and execution of various procedural activities. Decentralization leads to facilitate quick and effective decision making related to academic and administrative activities at all levels. It involves the members of the faculty and administration at different levels to bring in participation responsibilities with accountability, authority and responsibility. Decentralization also ensures transparency in the administrative activities. The faculty members who have been delegated the power to take administrative decisions is as follows:

1. Prof. N. V. Koteswara Rao , Director, IQAC
2. Prof. P. Suresh, Director, AEC and CoE
3. Prof. K. Krishna Veni , Director, Academics
4. Prof. A. D. Sarma , Director, R and D

5. Prof. Umakanta Choudhury, Director, Incubation and Innovation
6. Prof. P. Sreenivasa Sarma, Director, SA and P
7. Dr. N. L. N. Reddy, Director, CDC
8. Prof. P. V. Prasad, Controller of Examinations
9. Smt. B. Anne Violet , Head, Human Resources
10. Sri K. R. K. Prasad ,Executive Engineer

Various Academic and non-academic committees comprising of a total of 50 committees with their roles well defined for effective functioning of the Institute are constituted.

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	https://www.cbit.ac.in/wp-content/uploads/2021/11/Institute-Information_CBIT-24.11.2021.pdf

6.2 - Strategy Development and Deployment

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

The Institutional strategic plan is well defined and documented. The significant aspects of the same is as follows

A Total of eight Goals are set, in consideration with various developments that are taking place nationally and globally, while maintaining educational policies and guidelines of MHRD as the periphery of the paradigm within which the Institute operates.

The Eight Goals are:

1. Enrichment of Curriculum and Teaching Learning Process
2. Human Resources: Faculty and Staff

3. Research, Innovation, Incubation and Entrepreneurship
4. Development of Infrastructure and Facilities
5. Placements
6. Alumni and Interaction
7. Good Governance, Resources and Committees
8. Quality Assurance and Enhancement

Goal 1: Achieving Academic excellence by curriculum orientation and fostering experiential learning through ICT

CBIT, being an Autonomous Institution, aims to use the academic and administrative autonomy extended to such institutions by UGC and AICTE. Academic flexibility is enhanced by introducing innovative curriculum and regulations (R-13, R-16, R-18 and R-20)

Depending on the progress of the academic reforms the curriculum is upgraded from time to time by considering the Vision and Mission of the department in line with the institute Vision and Mission.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://cbit.ac.in/wp-content/uploads/2021/12/CBIT-Strategic-Plan.pdf
Upload any additional information	View File

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

The Institute is established in the Year 1979, promoted by a Group of Visionaries from varied Professions of Engineering, Medical, Legal and Management, with an Objective to facilitate the Best Engineering and Management Education to the Students and contribute towards meeting the need of Skilled and Technically conversant Engineers and Management Professionals.

The Governing Body will comprehend and amend the Rules from time to time. The Governing Body shall amend the rules only in the interest of the Institution and its Employees.

The Governing Body shall be the Principal organ of the Management of the Institute. It shall be a compact and homogenous body enabling it promptly to take and implement well considered decisions and to effectively handle crisis situations.

The Finance Committee shall act as an Advisory Body to the Governing Body, to consider and approve the same.

Board of Studies Coordinate Research, Teaching, Extension and other Academic activities in the Department / College.

There are Statutory Committees such as Anti-Ragging Committee, Internal Complaints Committee, Canteen Committee, Institute Innovation Cell, Career Development Cell and Board of Studies, where Students and Faculty are active Participants to ensure that the Scope defined for these Committees are fulfilled.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.cbit.ac.in/wp-content/uploads/2019/01/CBIT-Organization-Chart.pdf
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.cbit.ac.in/wp-content/uploads/2019/04/Human-Resources-Policy-Manual-2.pdf

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Teaching and Non-Teaching

- Medical Insurance policy
- Accidental Insurance policy
- Maternity benefits as per policy
- Gratuity
- ESI
- EPF
- Employees welfare fund
- Sponsorships on FDPs and other training programs

Students

1. Medical leave
2. Yoga sessions
3. Psychological counselling
4. 24 hour power back-up
5. Wi-Fi facility.
6. Workspace
7. Computing facility
8. Cafeterias in campus
9. Identity cards

10. Sports facilities**11. Transport facilities**

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.cbit.ac.in/

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

46

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

42

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

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

1176

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institute as a policy conducts both internal audit and external audit on regular basis. The management has appointed two different chartered accountant firms for internal and external (statutory) audit requirements of the institute. The internal auditor and their staff visits the campus quarterly and conducts a thorough verification of books of accounts

The internal auditor advised the institute to change ERP System College was using to Tally. ERP due to its dynamic nature and universal usage across all industries. Understanding the need for dynamic software to cater the changing needs of institute and income tax department the institute has purchased tally server & implemented Tally. ERP from financial year 2018-19.

The external auditor and their staff visits the college after the end of financial year and they conduct a sample verification(after consulting internal auditor) of books of accounts, Purchase proceedings, pay rolls & a through verification of statutory obligation of college such as TDS, ESI, EPF & Professional Tax.

The College Balance sheets & Auditors Report publishes on website for the users of Financial Statements. The link for the same is provided.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.cbit.ac.in/about_post/financial-report/

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists

during the year (not covered in Criterion III and V) (INR in lakhs)

0

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

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

Mobilization of Funds

Budget is prepared keeping in mind Vision, Mission and Developmental criteria of the Institution; accordingly, provisions will be made in the budget, which is prepared by a team of experts under supervision of Finance Officer of the institution and then approved by Finance Committee.

a. Fee from Students:

The fee collected from the students constitutes the major internal resource of fund mobilization. The Institution follows a Fee Rationalization Policy under which periodic review of the different components of the fee and revision in the fee takes place for implementation after ratification from the Statutory bodies of the institution.

b. Consultancy Services:

The institution has been actively involved in multidisciplinary areas of research and promotes engagement with industries through consultancy services.

c. Sponsored research Funds

The institution has also mobilized through sponsored research projects from National funding agencies such as DST, UGC, AICTE, DRDO, ISRO, etc. and Non-Government agencies.

d. Optimal utilisation of resources

An annual budget is prepared to ensure optimal utilisation of financial resources, based on the estimates received from the departments and functional units of the Institute. The amount is sanctioned by the Managing Committee/ Board of Governors.

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

6.5 - Internal Quality Assurance System

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

1. Filling of Vacant Teaching and non-teaching posts on regular basis.
2. Introducing of ICT in teaching-learning process: The institution has taken sincere steps to encourage the use of ICT in teaching learning process such as use of Learning Management System MOODLE. All the faculty have used computer aided methods of teaching in the academic year.
3. Student feedback system should be strengthened: Online Student Feedback System has been implemented in the academic year and the report has been analysed and appropriate corrective actions are proposed by the respective departments.
4. Faculty are encouraged to organize and participate in workshops/seminars/FDPs/STTPs/online trainings. In this academic year, faculty members have participated and successfully completed 1055 faculty development programmes such as orientation programmes, refresher courses, short term courses, workshops etc.
5. Planning to organize International Conferences
6. Starting of new UG program in the emerging areas

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

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

1. For strengthen the teaching and learning process a three level academic audit is introduced in the system.

The first academic audit is conducted in the first week of semester class work for all the teachers which involves the verification of academic documents. The second audit shall be planned in the 9th/10th week of semester. The last audit is planned after second class test i.e after last working day of the semester. In this audit the auditor shall verify the CO attainment levels of the students based on Continuous Internal Valuation.

1. Curriculum is revised inline with AICTE guidelines by incorporating internship policy and activity points.

Internship policy

As per the AICTE Internship Policy Guidelines and Procedures (April 2019), CBIT implements mandatory internships in R-20. The following framework is proposed to give academic credits for the internships undergone as part of the B.E/B.Tech program under the regulation R-20. Student has to undergo a minimum of THREE internship Program during the 4 years study of BE / B.Tech degree program.

Activity points

Apart from technical knowledge and skills, to be successful professionals, students should have excellent soft skills, leadership qualities and team spirit. They should have entrepreneurial capabilities and societal commitment.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used

A. Any 4 or all of the above

for improvement of the institution
Collaborative quality initiatives with other
institution(s) Participation in NIRF Any
other quality audit recognized by state,
national or international agencies (such as
ISO Certification)

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

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

(a) SAFETY AND SECURITY

1. CCTV cameras have been fixed in the prominent places like Campus corridors, main campus building, in all floors in department corridors and all common places.
2. Statutory committees like Anti-Sexual harassment committee, Women Development Cell, Grievance Redressal committee comprising of female faculty members is constituted as per the AICTE/University guidelines and is working effectively.
3. Anti-ragging committee takes in stake of ragging incidents, if any.

(b) Counselling

A common mentoring and counselling system exists in the college for both boys and girls. Students meet their mentors for any grievances- regarding gender related issues if any, personal problems, general issues, lack of facilities, academics etc.

(c) Common Rooms

Three common waiting halls of Area (m2) exist exclusively for girls, one each in K, L and N blocks in the institute.

Room No. K-005 : 181.22, L-110 : 71.00, N-209:111.35

(d) Day Care Centre

Day Care/Health Centre of the Institute facilitate immediate Medical Care for the Staff and Students.

(e) Any other information:

Institute facilitates the celebration of 'international Women's Day' celebrations on every 8th March of a Year.

CBIT appreciates an egalitarian academic coexistence that we organised "Challenges of transgender women for a justful existence".

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

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	No File Uploaded

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)

- Solid waste management**

- Solid waste generated from the institute was being collected by a GHMC vehicle on a daily basis in multiple trips. Paper waste is being sent out for recycling by the student clubs namely Street Cause and Engineers without Borders (EWB).

Vegetable waste generated from the canteen is arranged to be dumped in an open compost pit to be converted into manure which can be used for gardening purposes.

Now, the institute has signed an MOU with Urban Rebox Pvt. Ltd. to lift all the plastic, paper, metal scrap from the campus.

Liquid waste management

- Reject water from 5 mineral water plants in the campus is being stored and reused for watering the plants.
- Biomedical waste management
- E-waste management
- An MOU is signed with Urban Rebox Pvt. Ltd. to dispose off e-waste responsibly.
- Hazardous chemicals and radioactive waste management
- Waste recycling system

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

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	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

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

A. Any 4 or all of the above

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

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

B. Any 3 of the above

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

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

The institute provides an eminent inclusive environment for both students and faculties. National festivals like Independence Day and Republic Day for celebrated every year with full dynamism.

Students organize the teachers' day every year in the College campus to felicitate the teachers and also to show their gratitude

towards a great

teacher and a legend Dr.Sarvepalli Radhakrishna.

Every year Institute organizes Engineer's Day on 15th September, to commemorate the birth anniversary of Bharat Rathna Sri.

Mokshagundam

Visvesvaraya.

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:

The courses- Indian Constitution (18EG M01), Indian Traditional Knowledge (18EE M01/20EG M03) are being offered by all the UG programmes in the third/fourth semester and Professional Ethics And Human Values (16CE C03) in first/second semester to create awareness and sensitize the students about constitution objectives and to strengthen the democratic values. The courses provide an insight into valuing human dignity and to save the liberties of the people against discrimination.

The courses also provide a vision into basic understanding of Constitution of India, Traditional Knowledge and Understanding Ethics for better Human Values.

Independence Day is celebrated on 15th August every year to highlight struggle of freedom and importance of Indian constitution.

Republic day is celebrated on 26th January every year by organizing activities highlighting the fundamental duties of a citizen.

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

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

A. All of the above

File Description	Documents
Code of Ethics - policy document	No File Uploaded
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	No File Uploaded

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

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

National festivals play an important role in planting seed of Nationalism and Patriotism among people of India. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout.

Response: Every year CBIT organizes several national commemorative days, festivals and birth/death anniversaries of the great Indian personalities such as:

- Independence Day
- Teachers Day
- Engineers Day
- Rashtriya Ekta Diwas
- Republic Day
- Women's day
- International Yoga Day

The institute celebrates national and international commemorative days, events and festivals with full vigor. National festivals like Independence Day (15th August) and Republic Day (26th January) are celebrated every year with pride. Students organize the teachers' day on 5th September every year in the College campus to felicitate the teachers and also to show their gratitude towards a great teacher and a legend Dr. Sarvepalli Radhakrishnan. Every year Institute organizes Engineer's Day on 15th September, to commemorate the birth anniversary of Bharat Rathna Sri. Mokshagundam Visvesvaraya

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

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. Faculty Self-Appraisal Report

Faculty Self-Appraisal Report is a systematic frame work designed based on UGC and AICTE guidelines to improve and enhance the teaching learning, research and innovations and involvement in curricular, co-curricular and extra-curricular activities and also involve in community services etc. Faculty will gain the knowledge and skills that help to train the students in day-to-day academic

activities, industry interaction and innovative thinking. The Objectives of this practice is to evaluate the faculty performance in teaching learning and to involve the faculty to contribute for the development of the department/institution.

2. Three level Academic Audit systems

The Academic Audit is a peer review process conducted by peers from other department in the institution. The review involves assessing a program in detail and generating a report which will enhance the quality of programme. The purpose of an academic audit is to encourage the institution to regularly and continuously evaluate the quality of education and to enable the faculty to improve the quality of teaching and learning on an ongoing basis. Academic audit gives an opportunity for continuous improvement on the part of faculty, thereby ensuring transparency in teaching-learning, evaluation, assessment and thus promoting holistic growth of students.

File Description	Documents
Best practices in the Institutional website	https://www.cbit.ac.in/wp-content/uploads/2022/07/Best-Practices-2020-21.pdf
Any other relevant information	https://drive.google.com/file/d/1g0rrWn7M1kwdhVuZh6oWwC8ASpjyVw0J/view?usp=sharing

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)

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (CBIT(A)), established in the Year 1979, esteemed as the Premier Engineering Institute in the States of Telangana and Andhra Pradesh, was promoted with an Objective to facilitate the Best Engineering and Management Education to the Students and contribute towards meeting the need of Skilled and Technically conversant Engineers and Management Professionals. With the Students being the singular Objective, the Institute has established excellent infrastructure such as state-of-the art laboratories, spacious library with collection of printed and digital books and journals, sports, hostel, and other infrastructure for research, innovation, incubation, entrepreneurship, extra and co-curricular engagements with a total built-up area of about 57,714 sq. mts., in the serene ambience of

50 Acres. The Institute is Accredited by National Assessment and Accreditation Council (NAAC) with A Grade. 8 UG Engineering and 3 PG Programs have been accredited by National Board of Accreditation. CBIT is an Autonomous Institution (UGC Approved) since 2013 and secured 133rd in NIRF2021 ranking. CBIT has established its Business incubator with MSME in the year 2019 and has got approval recently from AIM, NITI AAYOG for Atal Community Innovation Center-ACIC.

File Description	Documents
Appropriate link in the institutional website	https://www.cbit.ac.in/about_post/about/
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Future Plans

1. Achieving Academic Excellence by curriculum Orientation and fostering experimental learning through ICT

- Conducting Training Programs to create more awareness
- Establishment of new Industry based labs
- Community Outreach programs
- Introducing new programs in the emerging area

2. Faculty and staff

- Faculty and staff recruitment Process.
- Involving professors from IIT and IISC on the recruitment panel.
- Conduction of NITTTR programmas.
- Staff training by the Industrial experts for quality improvement.

3. Research, Innovation, Incubation and Entrepreneurship

- Encourage the individual departments to set up Center of Excellence
- Arrange the guest lectures to both students and faculty to get technical exposures to latest technologies and developments and motivate them to take up consultancy assignments.
- Motivate the students to nurture innovators to ideate in areas of societal importance through community innovation

- Collaborate with T-Hub's, T-Tribe and TiE Hyderabad for developing Entrepreneurship culture.

4. Infrastructure and facilities

- Facilitate Teaching-Learning Infrastructure for Digital Education.
- Digital repository of course content of all the courses and shall be made available to all the students with the help of Cloud teaching.
- Green campus

5. Enhancement of placements and Internships through Industry focused

training programs

6. Alumni and Interaction

- Establishment of Alumni association office and creation of interactive

Alumni Website.