ICT Tools Usage

All of the faculty members at the Institute use ICT tools in the classroom for better understanding and reinforcement of the concepts and problem-solving. The institution is equipped with the necessary tools, such as a large number of computers in engineering departments and at central facilities including library and Career Development Cell, high-speed internet connection. Through training sessions at the institution and/or faculty development programmes, the faculty is prepared to use these tools effectively.

The students are given specific assignments or slip tests at the conclusion of each unit of instruction utilising the CBIT-Learning Management System or other ICT platforms, which enhances their learning by having them solve problems. As a result, the blended learning approach, which mixes in-person tutoring with online learning, is widely practiced in the Institute. ICT components are incorporated into all academic departments' course materials. These components include open-source and licensed software for computation and simulation, such as the use of MATLAB for the solution of differential or linear equations and statistical analysis of experimental data in project work. Power-point presentations, video conferencing, and educational websites are all examples of ICT used for course delivery. The CBIT-LMS is an essential ICT tool for managing the learning process and resources. It also allows for the monitoring of students' learning progress through online quizzes and the submission of online assignments, among other things. It supports our students' participation in flipped classrooms, blended learning, and other e-learning projects.

The ICT enabled Teaching-Learning Process is supported by Regular Practical Sessions, Digital Library Access, Online Courses including NPTEL and other MOOCs, Online Journals, Online Tests, Use of LCD Projectors for Seminars and Workshops, Effective Use of Educational Videos, and Accessibility of Non-Print Material for Students of different programs. The Information Communication Technology (ICT) tools used in CBIT includes LCD projector, Smart boards, CBIT ERP system, GOOGLE MEET, WEBEX 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 for all academic courses is made available in cloud storage through https://d2n36fr2627nzy.cloudfront.net/#

Institute Library & Information Center has initiated to provide the access to the digital e-resources such as e-books and e-journals in the field of Engineering and Management by subscribing to online e-books and e-journal databases for enhanced learning experience. All the e-resource links are provided in the library online public access catalogue (OPAC) and also in the library website for the effective utilization of the resources. 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.