

**EASWARI ENGINEERING COLLEGE
(AUTONOMOUS)**

BharathiSalai, Ramapuram, Chennai -89

ICT enabled tools for effective teaching-learning process.

In order to be industry ready, students must acquire and master the most up-to-date technology today. As a result, teachers are merging technology with traditional teaching methods to keep students engaged in long-term learning. In order to support, enhance, and improve the delivery of education, institution use Information and Communication Technology (ICT) in education.

The Institute employs the following tools:-

ICT Tools:

1. Google classroom is used to manage and post course related information- learning material, quizzes, lab submissions and evaluations, assignments, etc.
2. Seminar Rooms - Seminar halls are equipped with all digital facilities.
3. Online drawing tools like concept maps, mind maps, are used to perform student centric activities.
4. Smart Board- Four smart board is installed in the campus.
5. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.
6. Online Classes through Google Meet, Webex, Google Classroom)
7. MOOC Platform (NPTEL, Coursera, etc)
8. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching-learning process.
9. Digital Library resources.

Use of ICT by Faculty-

- A. **PowerPoint presentations-** Faculty members are encouraged to use LCDs and projectors to provide power-point presentations in their classes. They can also prepare successful presentations with the use of a digital library, online search engines, and websites.
- B. **Industry Connect-** Guest lectures, professional discussions, and various competitions are often organized for students in the seminar and conference rooms, which are digitally equipped.
- C. **Online quiz-** Faculty members use Google Forms to create online quizzes for students once each unit is completed.
- D. **Video Conferencing-** Google meet and Webex programmes are used to counsel students.
- E. **Video lecture-** Students have access to video lectures that have been recorded for long-term study and reference.
- F. **Online competitions-** Various technical events and management events such as Poster

making, Ad-mad show, Project presentations, Business quiz, Debates, paper presentations etc. are being organized with the help of various Information Communication Tools.

- G. **Workshops-** With the use of various Information Communication Tools, a variety of technical and management events such as poster creating, ad-mad show, project presentations, business quizzes, debates, and paper presentations are organized.