



2.3.2 -Teachers use ICT enabled tools for effective teaching-learning process.

Effective content delivery by using ICT tools in the class room for better understanding and reinforcement of the concepts and problem-solving is adopted by all the faculty of the institution. ICT tools complement the traditional teaching-learning methods, and the institute is highly interested in providing innovative methods for enriching the learning experience.

ICT components are embedded in the course contents of all relevant engineering disciplines which include free / commercial software used for computation / simulation such as the use of MATLAB for solving linear or differential equations and statistical analysis of experimental results in project works.

ICT Tools:

1. Projectors are available in all classrooms.
2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.
3. Printers- They are installed at Labs, HOD Cabins and all prominent places.
4. Photocopier machines - Multifunction printers are available at all prominent places in the institute. There are four Photostat machines available in campus.
5. Scanners- Multifunction printers are available at all prominent places.
6. Seminar Rooms- Three seminar halls are equipped with all digital facilities.
7. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.
8. Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom)
9. Hacker Rank (Online Coding Platform)- inter college competition
10. MOOC Platform (NPTEL, Coursera etc)
11. Digital Library resources(DEL NET, SPRINGER, INFLIBNET, NPTEL, NDL, SWAYAM)

Use of ICT by Faculty

A. PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations.

B. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.

C. Video Conferencing- Students are counseled with the help of Zoom / Google meet applications.

D. 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.

E. Workshops- Teachers use various ICT tools for conducting workshops on latest methods such as MATLAB, SPSS, Programming languages, etc.



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