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

ICT:
In the contemporary world, there's a noticeable shift towards a computer-centric lifestyle, evident in the widespread integration of computers into today's classrooms. Information and Communication Technology (ICT) play a crucial role in ensuring education is universally accessible, promoting equity, enhancing the quality of learning and teaching, facilitating teachers' professional development, and improving the efficiency of education management

To enhance the quality of teaching-learning process, our institute makes use of ICT. The faculty uses laptops, LCD projectors, Wi-Fi and smart boards in the classrooms to make learning more interesting for the students. Since the college has internet connections, Youtube assisted learning is being practiced and thus help the student to understands a subject matter from different perspectives in a convenient and easy manner.

Professors of Communicative English Department make use of the language lab to enhance language learning through specific software for improving Listening, Speaking, Reading, and Writing (LSRW) skills of the students.

Teachers & Students use NPTEL platform for accessing online content in their respective fields & update their knowledge.

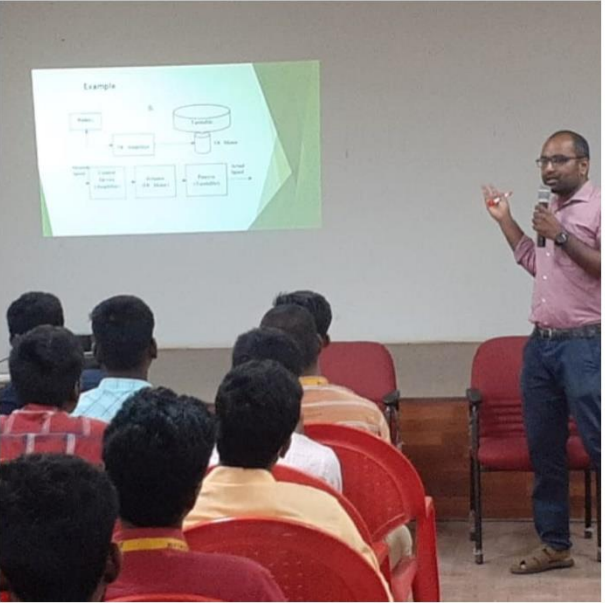The following ICT tools are made available by the Institute:

1. Projectors are available in different classrooms/labs.

2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.

3. Printers- Printers are installed at Labs, HOD Cabins and all prominent places.

4. Photocopier machines - Multifunction printers are available at all prominent places in the institute.

5. Scanners- Multifunction printers are available at all prominent places.

6. Seminar Rooms- The seminar halls are equipped with all digital facilities.

7. Smart class room- The Smart class rooms are installed in the campus.

8. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.

9. Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom)

10. MOOC Platform (NPTEL, Coursera, etc)

11. Digital Library resources

Use of ICT tools by Faculty:

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

Classrooms Engaged with Projectors

Seminar Halls With Digital Learning facility – ECE Seminar Hall

Seminar Halls With Digital Learning facility – CIVIL Seminar Hall

MODEL BASED LEARNING

III ECE C – WAVEGUIDES AND ANTENNA THEORY

MODEL BASED LEARNING

IV YEAR – IOT BASED SYSTEM DESIGN