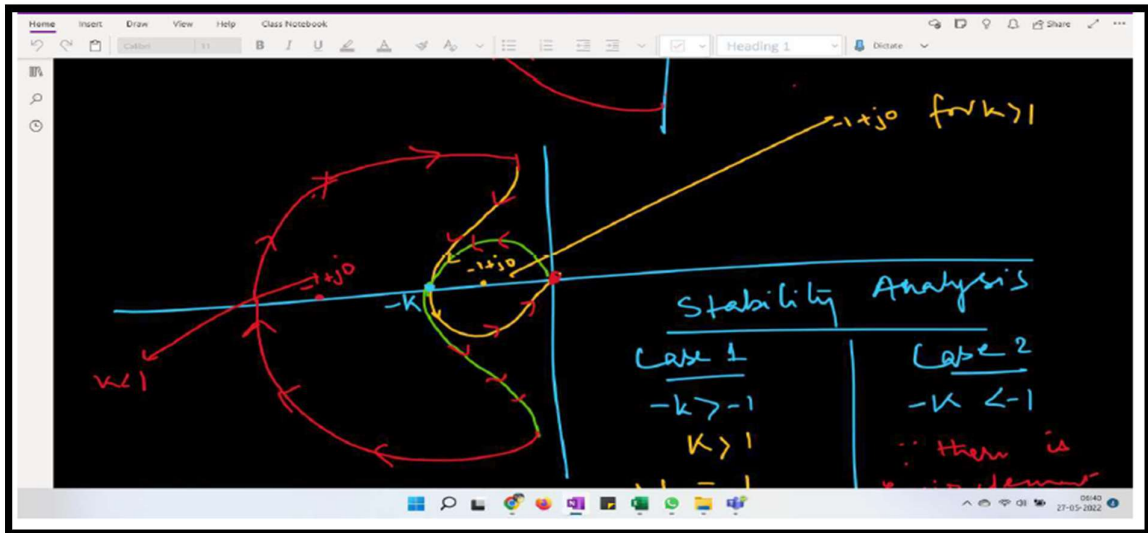


ICT Based Teaching

Information and Communication Technology (ICT) in education is the mode of education that use information and communications technology to support, enhance, and optimise the delivery of information. Worldwide research has shown that ICT can lead to an improved student learning and better teaching methods.



Objectives of ICT based Teaching

- ICT allows the students to monitor and manage their own learning.
- ICT provides students from remote areas access to expert teachers and learning resources.
- ICT allows students think critically and creatively, solve simulated real-world problems.



Plan of Execution

Fortunately, some ICT tools for teaching and learning could make the teaching experience fun for both the students and teachers. It enhances the teaching experience also. Our faculty uses number of ICT tools to engage and teach the students interactively. Five main benefits of ICT in Education can be listed as

- Improved learning efficiency.
- Reduce the burden on teachers.
- Simplified information sharing.
- Increased student motivation.
- Improve IT literacy of students.

Mapping of Innovative T-L Method to Subject

Name of the Faculty	Name of the course	Year & Semester	Topic	Innovative methods
Amaradi Konda Babu	Signals & Systems	II&I	Convolution	ICT Classroom Teaching

Our faculty Amaradi Konda Babu uses Digital Board and Stylus for ICT Classroom Teaching in Innovative teaching method for teaching the topic Convolution of course Signals & Systems in IInd Year & Ist Semester. Students these days are becoming smart. And smart students need even smarter ways when it comes to teaching. Our faculty wants his students to be the best, and includes the-listed ICT tools for teaching and learning. It helps the learner to share learning resources and spaces, promote learner centred and collaborative learning principles and enhance critical thinking, creative thinking and problem solving skills.

Benefits over Conventional Teaching Methods

The main benefits observed in ICT Classroom Teaching are easy to perceive and simple to implement. Other few benefits over the conventional teaching methods are listed below.

- Enhanced the modes of communication.
- Cost-efficient.
- Paperless: Eliminate the usage of paper. ...
- A better teaching and learning methods.
- Enhanced data and information security.
- Minimize cost and save time.
- Easy student management.

