



IES COLLEGE OF ENGINEERING

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

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. It has shown that ICT can lead to an improved student learning and better teaching learning methods. Knowing these, IES College of Engineering encourage teachers to use ICT enabled teaching tools like PPT Presentation, Recorded Online videos, NPTEL lectures, Virtual Labs, Moodle, Google classrooms etc. An academic management system developed by Linways technologies is extensively used by the faculty for conducting the courses and uploading the resources useful for students. Faculty use Virtual lab for explaining Lab experiment in a systematic manner in this COVID Situation.

ICT enabled activities of the Institution:

- NPTEL(Swayam) Student chapter

NPTEL was started during the year 2019 in IESCE. The objective of this effort is to take the best teaching learning resources to all students. This is done through a platform that facilitates hosting of all the courses, taught in smart classrooms which can be accessed by anyone, anywhere at any time during this COVID situation. Faculty and students regularly take up MOOC courses offered by NPTEL to upgrade their knowledge.

- Coursera

Coursera student chapter in IESCE was started during 2020, which helped the students a lot during the lockdown period. Coursera Inc is a U.S.-based massive open online course provider founded in 2012 by Stanford University computer science professors Andrew Ng and Daphne Koller. Coursera works with universities and other organizations to offer online courses, certifications, and degrees in a variety of subjects.

- Linways

It is an education technology expert primarily focused in the higher education domain for providing academic management solutions for our institution. Since 2019, faculties , staffs and students are using Linways software.

- Google ACE Program

Google Associate Cloud Engineer program is an online training program offered by Google to develop cloud based skills among students. 25 of our students have successfully completed this course.

- Digital Library

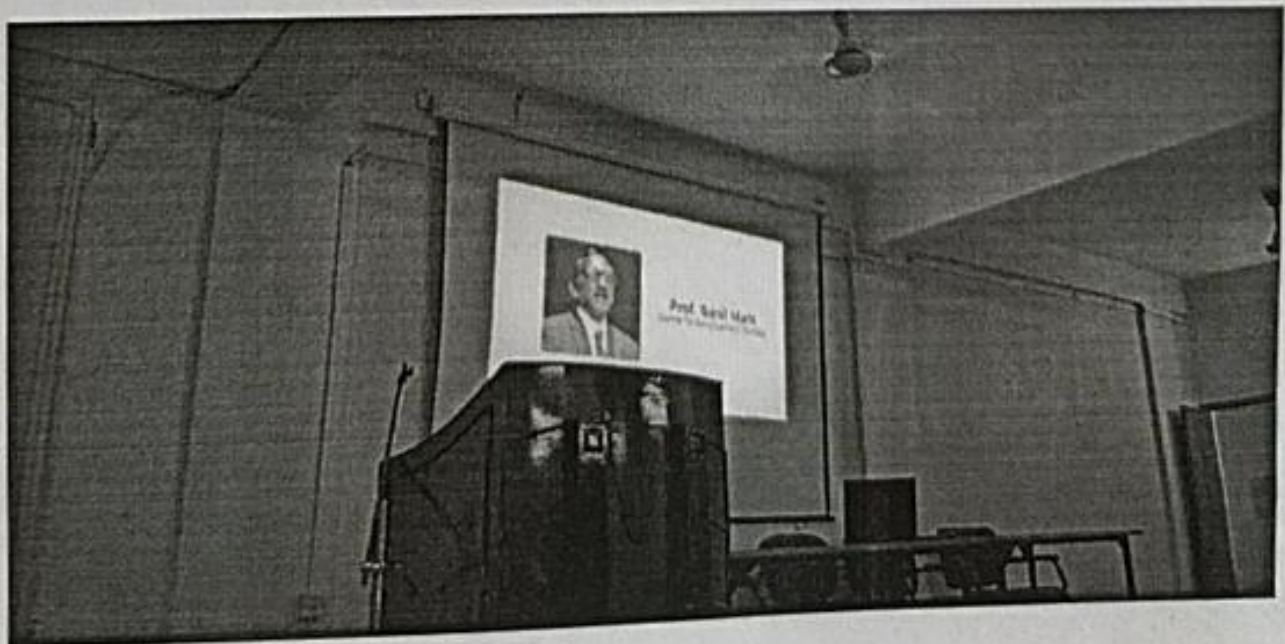
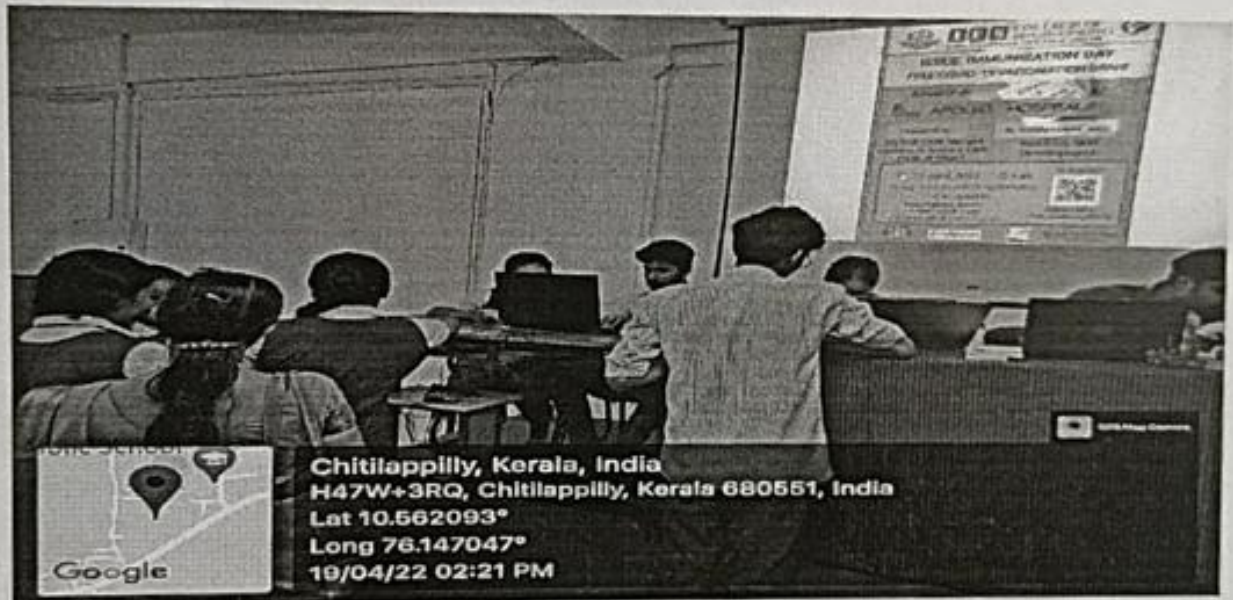
The Library provides access to e-journal packages like IEEE and ACE journals. Also have membership in National Digital Library.

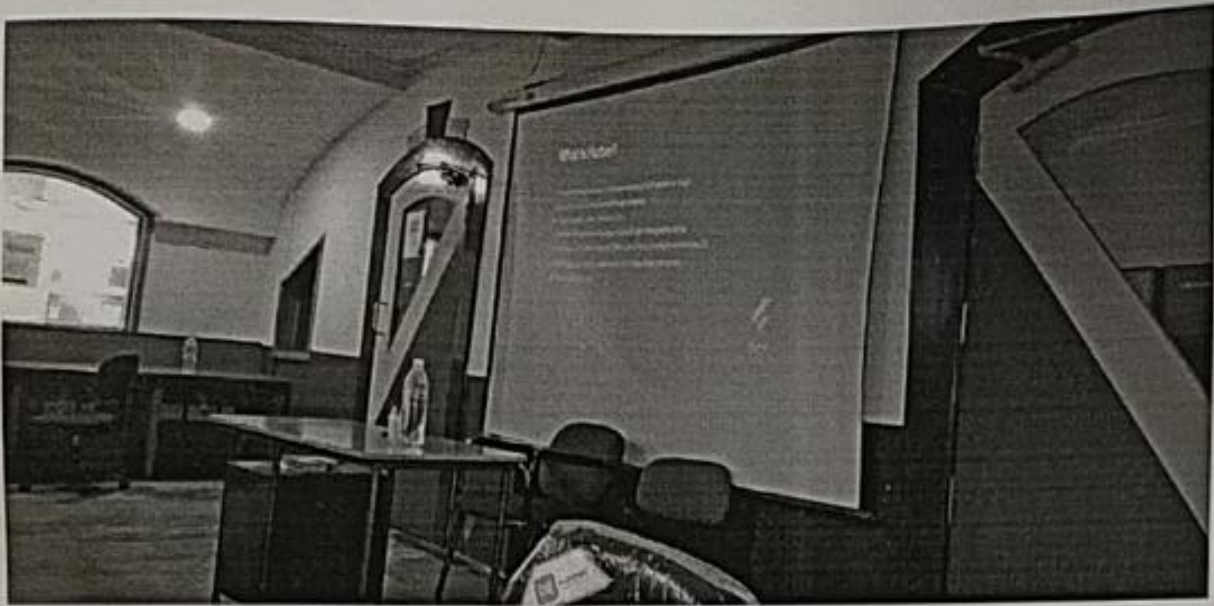
ICT tools in the Institution:

ICT enabled classes are provided in which faculty can use LCD projectors for visualizing and demonstrating various concepts, theories and procedures in addition to the lecture using black board. Different materials used by the faculty for this purpose include power point presentations, video lectures available from NPTEL and other reliable sources. These materials are made available to the students for improving their learning process. Faculty also handles classes for students in smart classrooms. For the enrichment of the teaching learning process, different softwares are available in labs.

ICT for effective teaching with Learning Management Systems

SL.No	ICT tools and resources available	Number
1	LCD Projector	10
2	Laptop	2
3	softwares	23
4	Printers	14
5	WIFI /LAN class rooms	6





For the updated website

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