Criterion- 4: Infrastructure and Learning Resources

4.1.3 ICT enabled class rooms and tools utilization for effective teaching-learning process

In the contemporary times ICT plays a significant part in the education system. DIETinstitute uses ICT curriculum and development to resolve the communication and technological differences.

 List of ICT tools

1.   Projectors

2.   Computer & laptops

3.   Headsets

4.   Printers

5.   Scanner

6.   Photo Copier Machines

7.   CD/ DVD

Sl.No	Faculty Name	Department	Link
1	Mr. M. Kishore Kumar	ECE	1. https://youtube/ojP0xs1WWBk 2. https://youtube.com/watch?v=ojP0xs1WWBk&feature=share
2	Mr. K.S.N.V. Someswara Rao	ECE	https://youtube.com/channel/UCwAp3d3k3imnYTLeZeTc14A
3	Mr. S. Veerraju	ECE	https://youtu.be/0KOo1p8XefE
4	Mr. A. V. S. Deepak	ECE	https://youtube.com/playlist?list=PLnE0uNrkKkGwi OkZwY0gWFquAVaMxOPBT
5	D R Ch. Nookesh	EEE	https://youtu.be/7boBzn8OIkg
6	Mrs. O. L. Bhavana	EEE	https://youtu.be/sg02GN0GWJw
7	Ch Lakshmi Prasanna	EEE	https://youtu.be/HqRFPQv4tmk

8	Mrs. K. Alfoni Jose	EEE	https://youtu.be/k-fxLQQOQQo
9	Dr. L. Prasanna Kumar	CSE	https://www.youtube.com/watch?v=UwdjFLYnLy8
10	Dr. L. Prasanna Kumar	CSE	https://www.youtube.com/watch?v=V8XI2vYWoeA&t=118s
11	Dr. L. Prasanna Kumar	CSE	https://www.youtube.com/watch?v=FtBds6LQEGc&t=714s

ICT Tools reports

1.   Projectors:

Projectors are made available in the class rooms, seminar halls and labs for effective teaching of the subjects. They are used for seminars and presentations by the students and also for technical events during FDPs, workshops, guest lectures, etc.

Usage of ICT Tools

1.   Computers and Laptops:

Computers and laptops are available for the students in labs and R & D centre for conducting experiments, online course learnings, virtual conferences, seminars, etc. Each department and HOD cabins are equipped with computers for easy flow of work and knowledge gaining. The Institute also has an e-library with access to several journals for knowledge gaining.

1.   Headsets:

Headsets are provided in e-library and English labs for noise free rooms and easy access of knowledge.

2.   Printers:

Printers are provided with all the departments and HOD cabins for easy filing of the documents and project related works. Printer is also available in e-library for the requirements of the students. High resolution printers are provided in the exam cell for the exam related purposes.

3.   Scanners:

Scanners are provided in HOD cabins for easy filing of the documents and project related works. Scanners are also available in library for the requirements of the students. High resolution printers are provided in the exam cell for the exam related purposes.
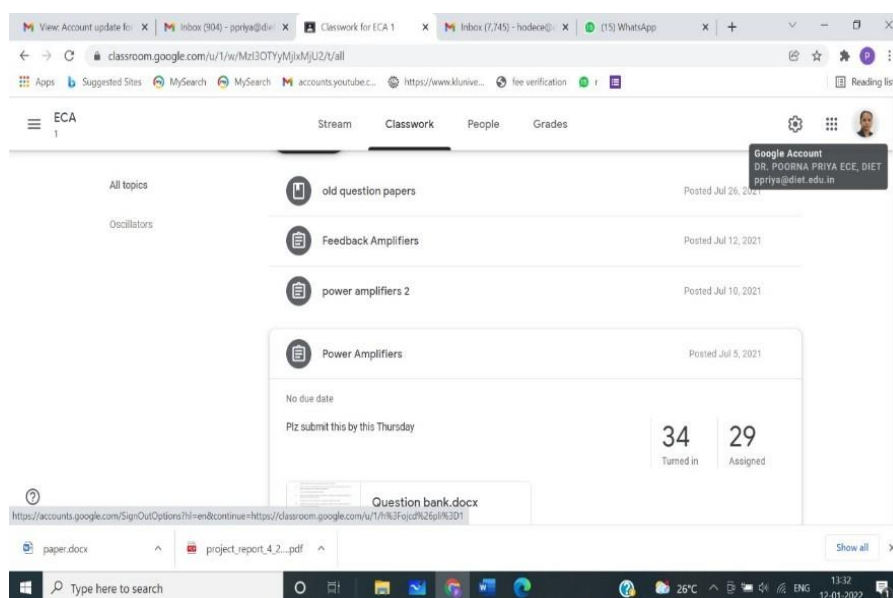
4.   Photocopier machines:

High resolution photocopier machines are available in the central library, admin office and exam cell for easy filing of documents and student usage purposes.
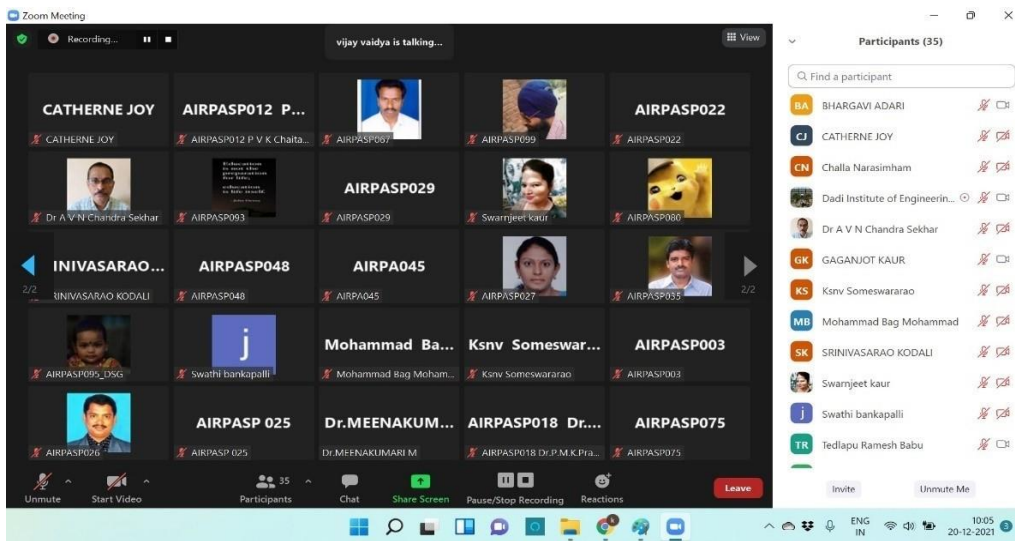
5.   CD/DVD:

CDs and DVDs are being maintained for the project reports submitted by the UG and PG students. The software's of all the labs are maintained for the use of students.

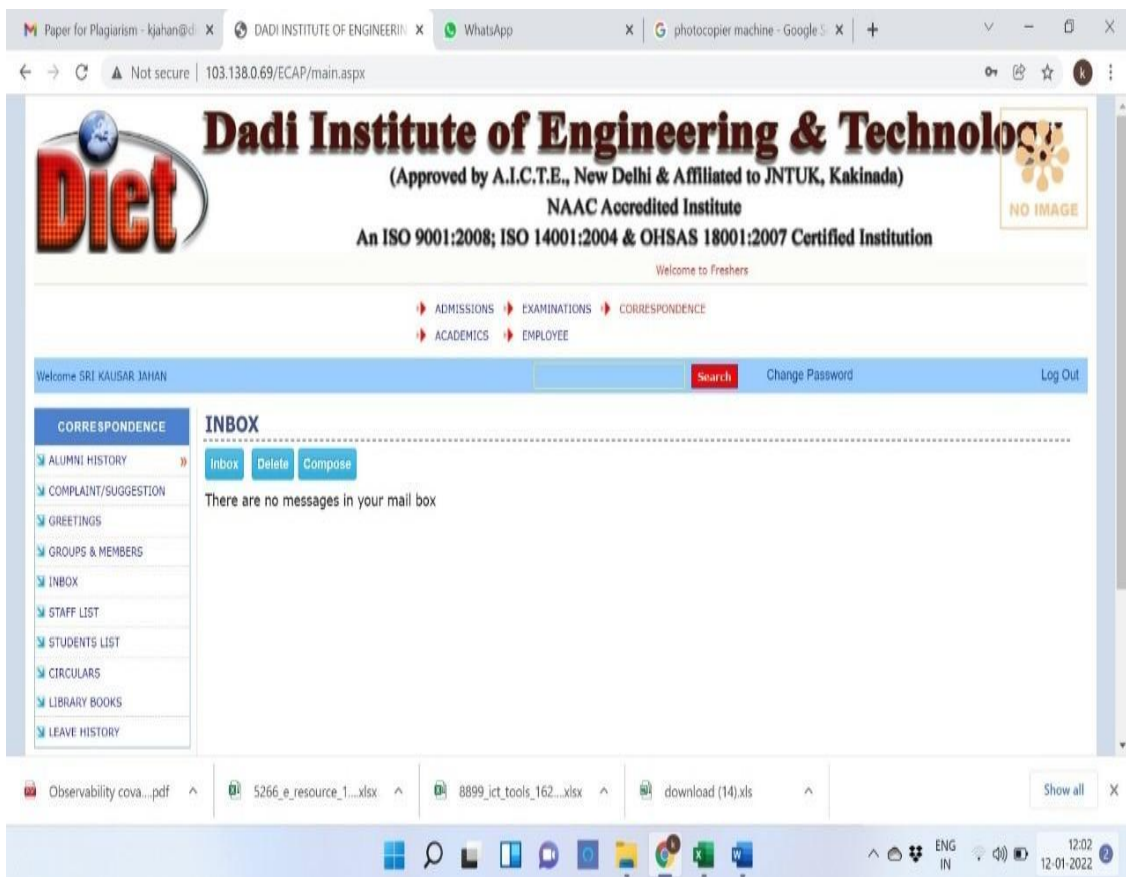**6.   Online classes through zoom, google classroom and google meet**

The institute has purchased zoom access for conducting online classes, FDPs, virtual conferences, workshops etc. The google classroom app is used for easy communication of faculty with students and sharing of knowledge and material with the students.

7.   ECAP:

Ecap application is used by the institute to make the data available to all the students as well as all the faculty. All the students and faculty are involved in all the activities of the institute through the ECAP app.

8.   Video lectures:

The faculty are using video lectures for teaching. Lectures are recorded to video, audio or both, then uploaded and made viewable on a designated site. Studies have shown thatstudents improve significantly in courses with online archived lectures, especially international students.

Links for video lectures.

https://www.youtube.com/watch?v=V8XI2vYWoeA