Dadi Institute of Engineering & Technology

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to J.N.T.U.K., Kakinada)
NAAC Accredited Institute and Inclusion of section 2(f) & 12 (B) of UGC Act
An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution
NH-16, Anakapalle, Visakhapatnam - 531002, A.P.
Ph : 9963981111, 9963694444 / ⊕ diet.edu.in / ⊠ : info@diet.edu.in

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.

2. **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.

3. **Headsets:**

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

4. **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.

5. **Scanners:**

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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.

6. **Surveillances:**

The institute is equipped with surveillance cameras in all the classrooms, labs, corridors for the safety of students and having lookout on the student activities.
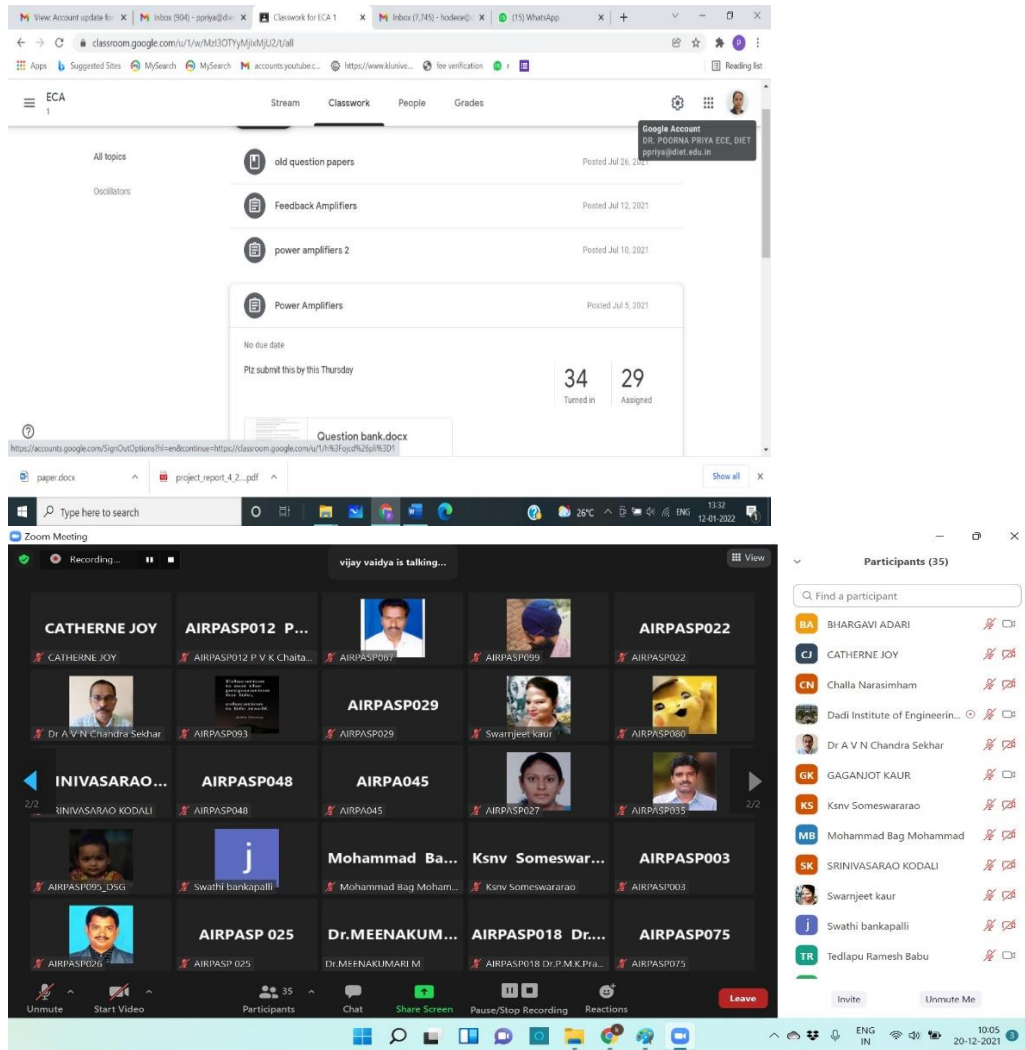
7. **Photocopier machines:**

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

8. **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.

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9. **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.

10. **Vlogs:**

11. **Blogs:**

12. **NPTEL:**
    Institute is having a local chapter account in NPTEL swayam learning portal. The faculty and students are learning and gaining knowledge through NPTEL. The certification courses are also being completed by the students and faculty through NPTEL.
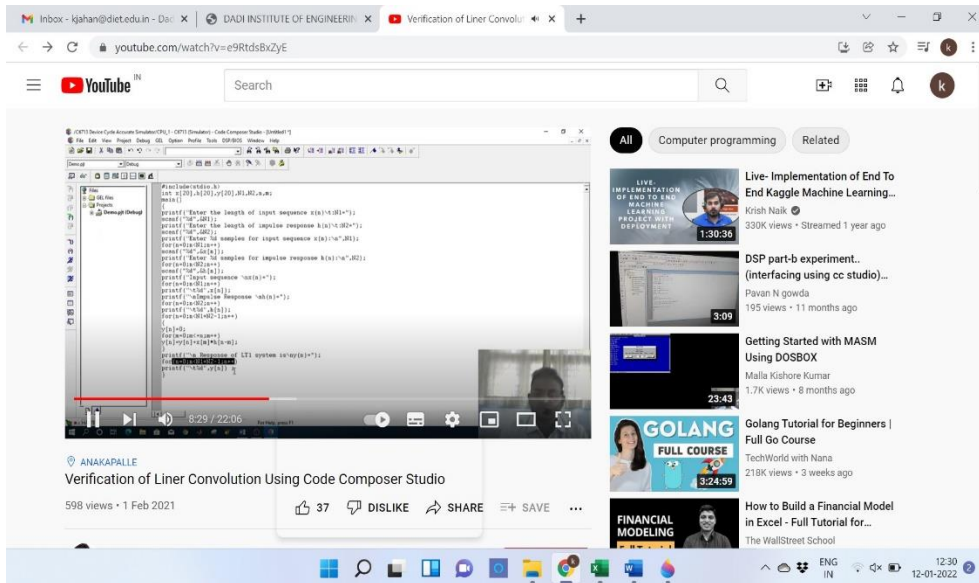
13. **CD/DVD:**
    CDs and DVDs are being maintained for the project reports submitted by the UG and PG students. The software's of all the labs

    ICT Usage by faculty

1. **YouTube learning:**
    Faculty are utilising YouTube for recording their videos and sharing them to students for better understanding of the subjects. The YouTube links for the workshops, conferences and guest lectures conducted in the college are also available with the institute login.

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2. **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 that students improve significantly in courses with online archived lectures, especially international students.

3. **PowerPoint presentations:**
   Faculty are using PPTs for effective understanding of subject and creating interest upon the subject to the students. As a part of virtual class/online teaching, PPTs are most helpful.
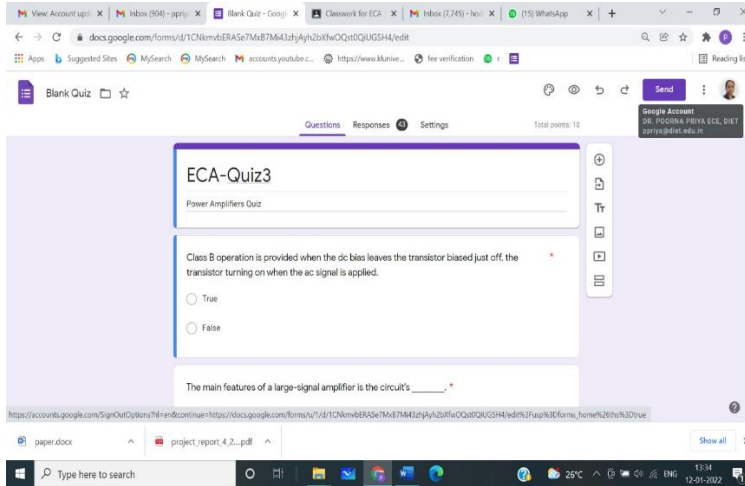
4. **Online workshops:**
   Virtual workshops and FDP are conducted by the faculty through the sponsorship from AICTE and ISTE making use of zoom, google meet and youtube live link platforms.

5. **Online quizzes:**

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To assess the understanding of the subject of the students and to improve competitive levels among the students, online quizzes using google forms were conducted. Necessary improvements in the teaching methodologies were implemented based on these quizzes.

6. Online contests:

To encourage competitive levels among the students, online contests using google forms were conducted. Necessary improvements in the teaching methodologies were implemented based on these quizzes.