



# VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(Sponsored by Lavu Educational Society)

[Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi]

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



## 2.3.2 Teachers use ICT enabled tools for effective teaching-learning process

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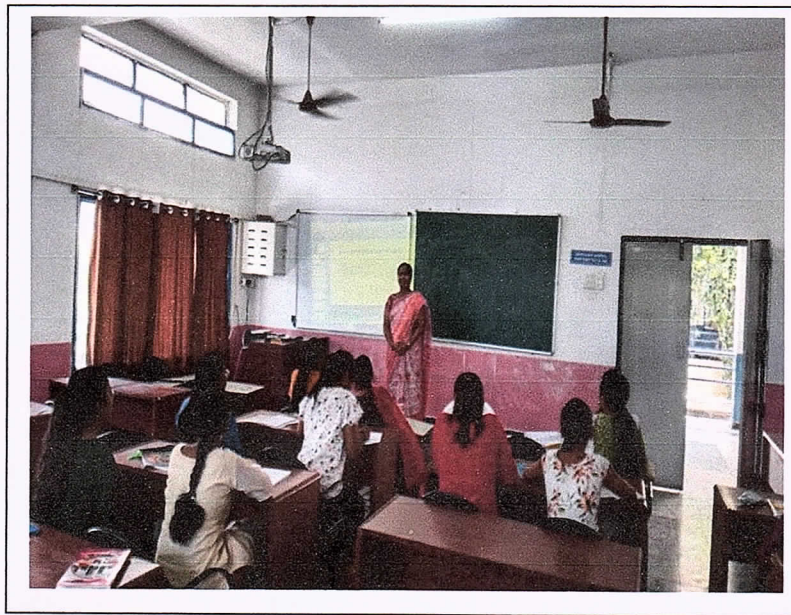
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The list of various ICT enabled pedagogical initiatives used by the faculty members are as follows:

1. **Whiteboard and marker** (Lecture Method): To convey basics, critical information, history, background, theories and equations.



### III IT – Black board Presentation

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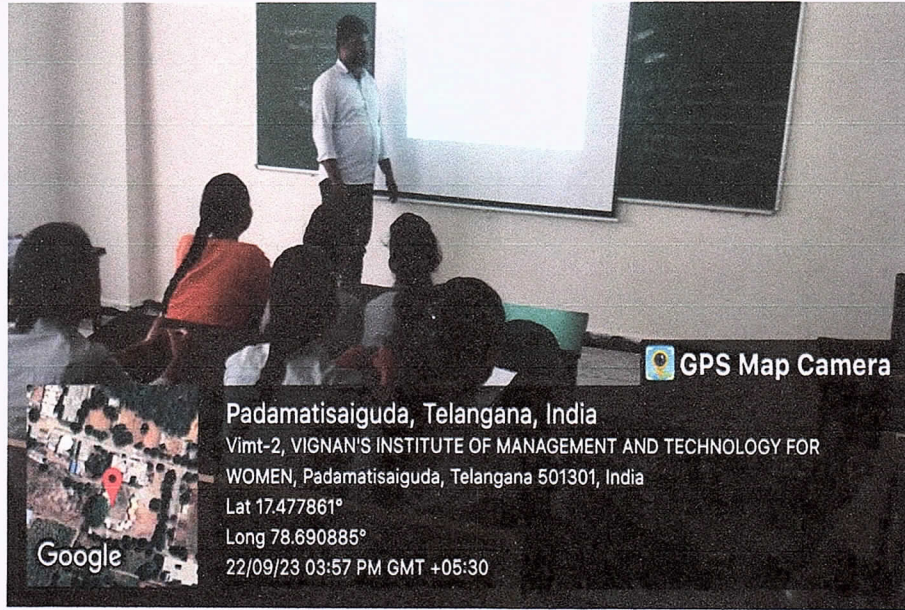


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## III ECE – Power point Presentation



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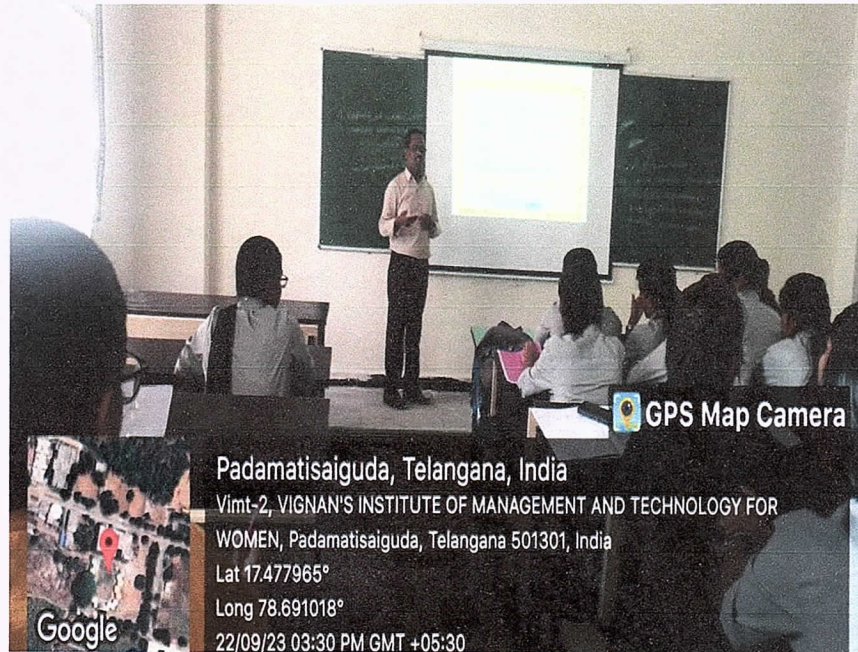
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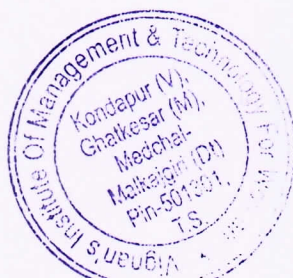
**2. Blended Teaching:** Usage of Teaching aid Techniques such as Video Lectures, Power point presentations. Implementation of Active learning strategies such as Collaborative and individual learning activities.



II ECE- ECA



II IT- DE



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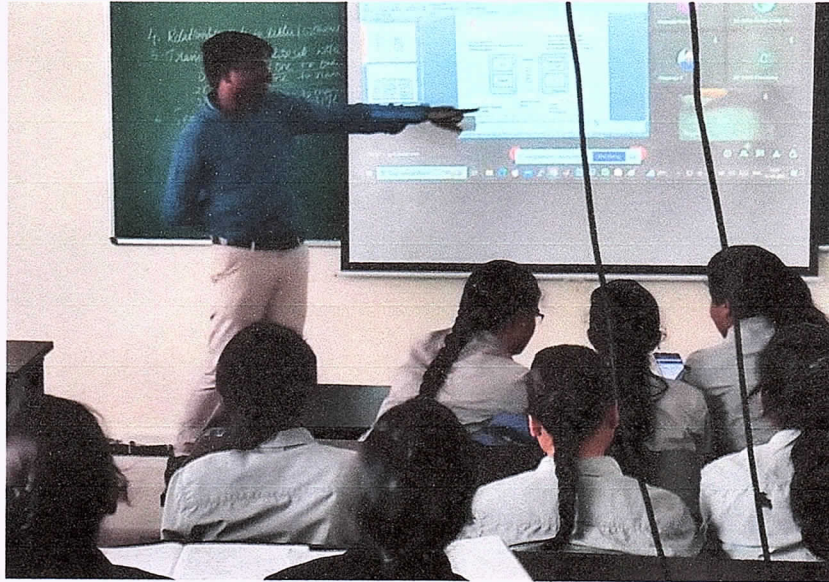
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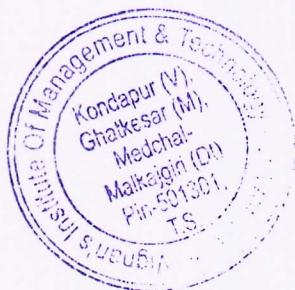
3. **OnlineTeaching:** Faculty made a swift transition from classroom to online teaching by using platforms like Google meet, Google class room, ZOOM, CISCO WEB-EX.



## II AI & DS- COA



## II CSE- JAVA



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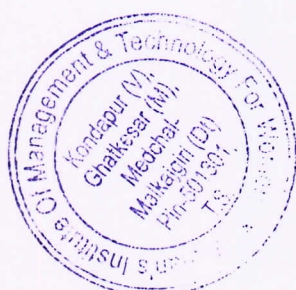
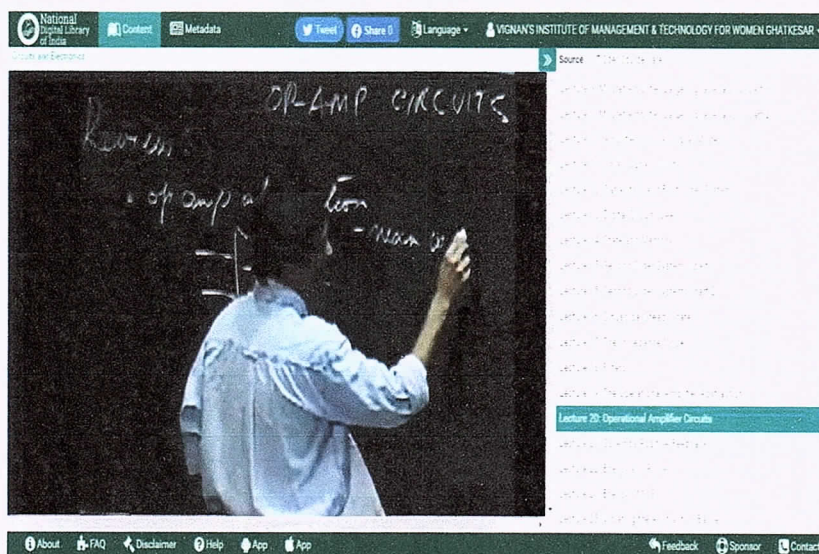
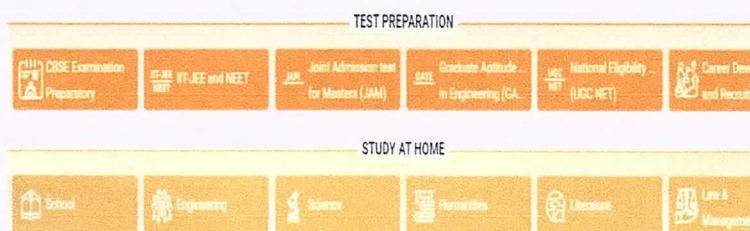
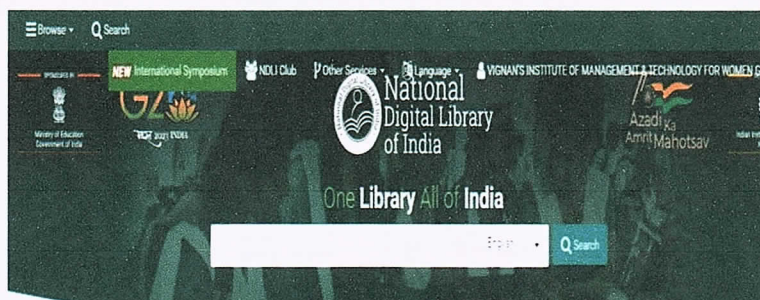
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4. **Edu-blogs:** Faculty blogs uses as instructional potential for online resources to students.



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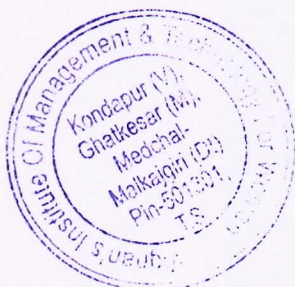
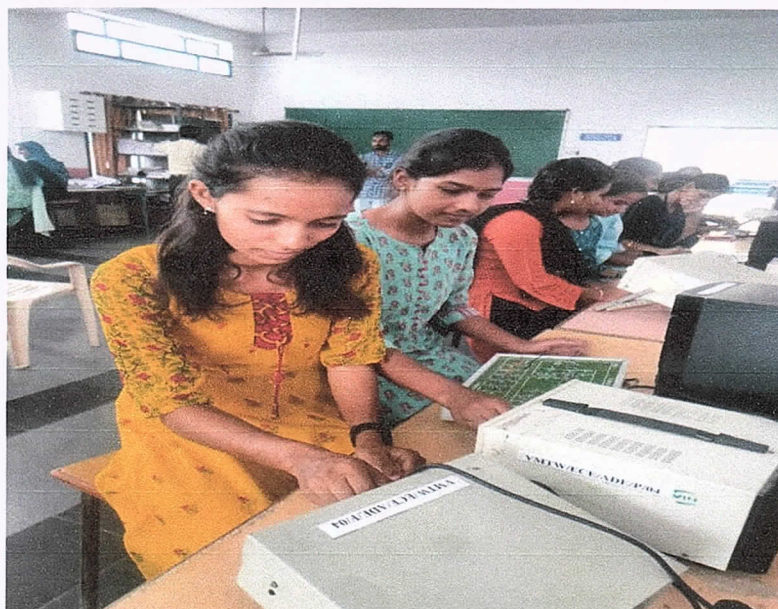
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5. **Integrated courses:** Faculty members of VMTW used from regular laboratory tool for enhancing their skills beyond the curriculum.



I ECE- EDC Lab



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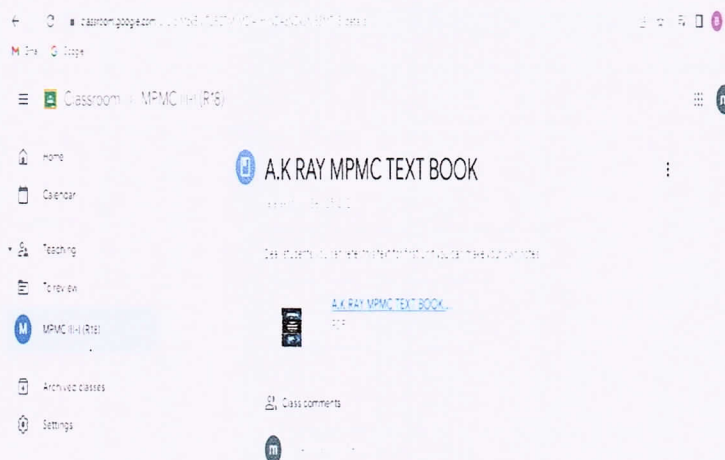
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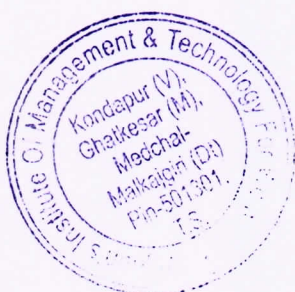
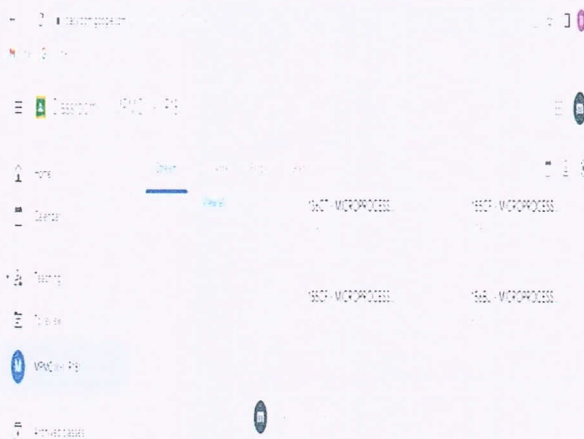
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6. **Course Handouts:** Course handout consists of Video lectures, Lecture Notes, Assignment questions, Tutorial questions and answers a model question papers sharing using ICT tools like Google Classroom, Edu-blogs etc.



## III ECE- Google Classroom



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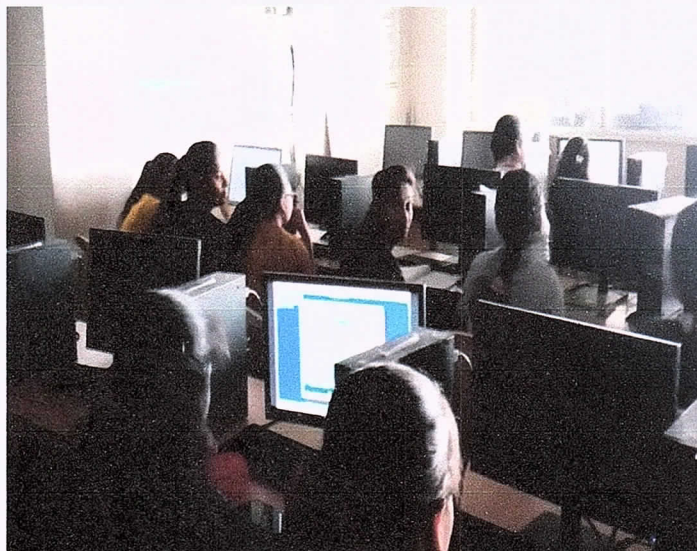


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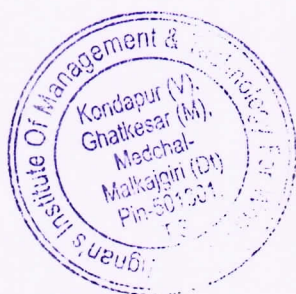
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Video Class- II ECE

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7. **Massive Open online course:** Faculty and students enroll for various courses like NPTEL, COURSERA, SPOKEN TUTORIAL, IEEE and other MOOCs for better understanding of the subject and encourages the students to get certified.

**Elite**  
**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**MADDURU RUCHITHA**  
for successfully completing the course  
**The Joy of Computing using Python**

with a consolidated score of **61** %

Online Assignments	17.78/25	Proctored Exam	43.62/75
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Total number of candidates certified in this course: 12432

Prof. Devendra Jalihal  
Chairperson  
Centre for Outreach and Digital Education, IITM

Jan-Apr 2024  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24CS57S557400426 To verify the certificate

No. of credits recommended: 3 or 4

II ECE student M.Ruchitha participated in NPTEL Online course The Joy of Computing using Python.

**Elite**  
**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**EDURU NAGARAJU**  
for successfully completing the course  
**Introduction to Internet of Things**

with a consolidated score of **78** %

Online Assignments	23.97/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 32882

Jan-Apr 2024  
(12 week course)

Prof. Naimanti Banerji  
Executive NPTEL  
IIT Kharagpur

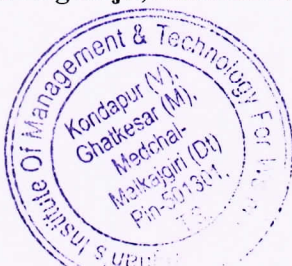
Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS35S557400217 To verify the certificate

No. of credits recommended: 3 or 4

Mr. E. Nagaraju, Assistant Professor, Dept of ECE participated in NPTEL Online course in Introduction to IOT.



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## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ALANE RUTHIKA**

for successfully completing the course

**Programming in Java**

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	32.15/75
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Total number of candidates certified in this course: **14693**

Jan-Apr 2024  
(12 week course)

Prof. Naimanti Banerji  
Coordinator NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



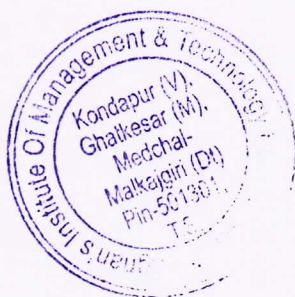
Roll No: NPTEL24CS43S1057408918

To verify the certificate



No. of credits recommended: 3 or 4

**II IT student A. Ruthika participated in NPTEL Online course in Programming in JAVA.**



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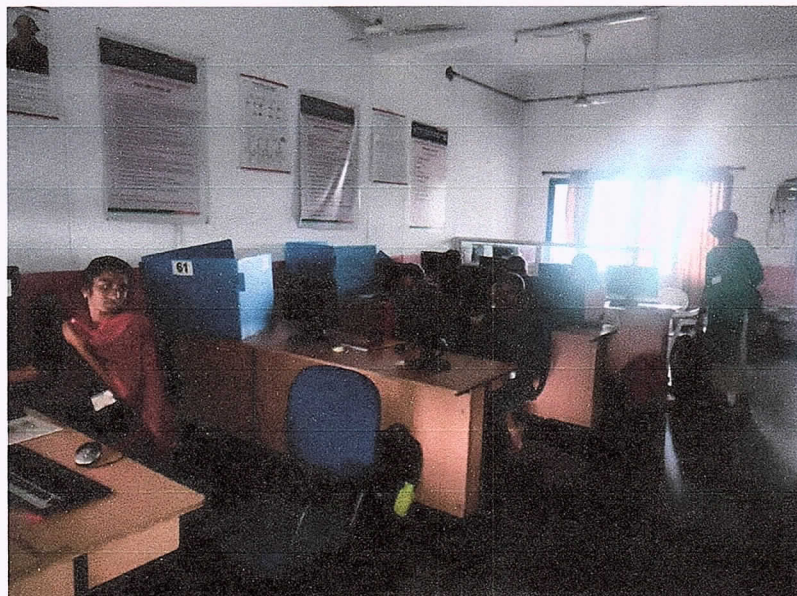
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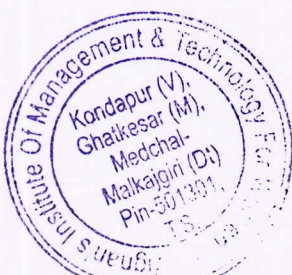
8. **Courseware:** Various departments train the students in the use of subject specific software's like MATALAB, VLSI, Xilinx, MultiSIM, etc for executing laboratory experiments and also to implement innovative ideas.



**VLSI Introduction for ECE Students**



**Practice session on MATLAB**



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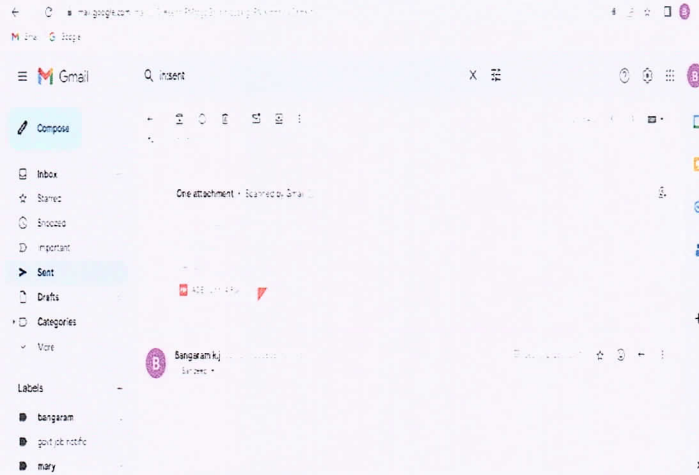
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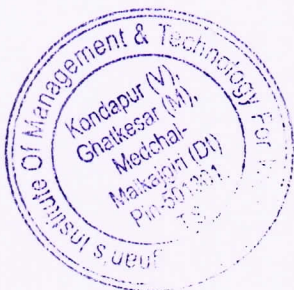


9. **Social Media in Education:** Faculty members use the social media platforms like WhatsApp, Email, and google classroom, etc to connect with the students for sharing information.



**DE Notes Shared through the Email For II AI & DS**

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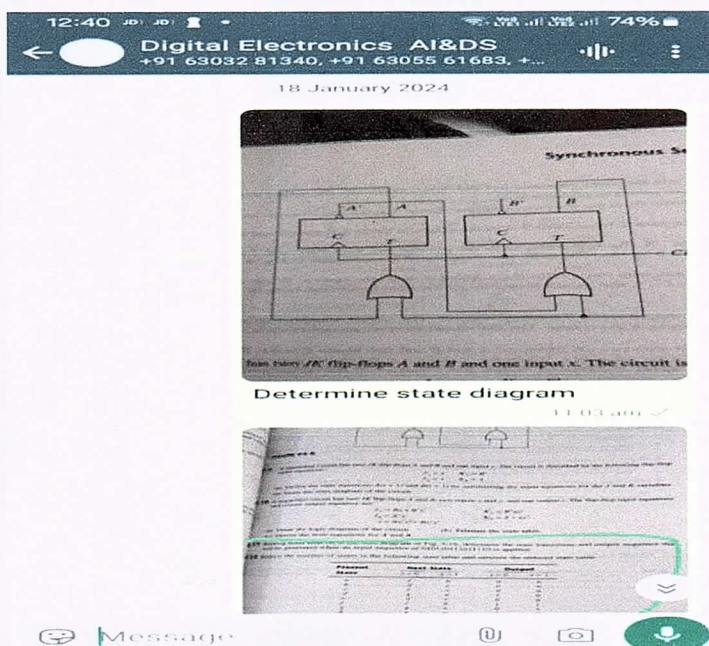


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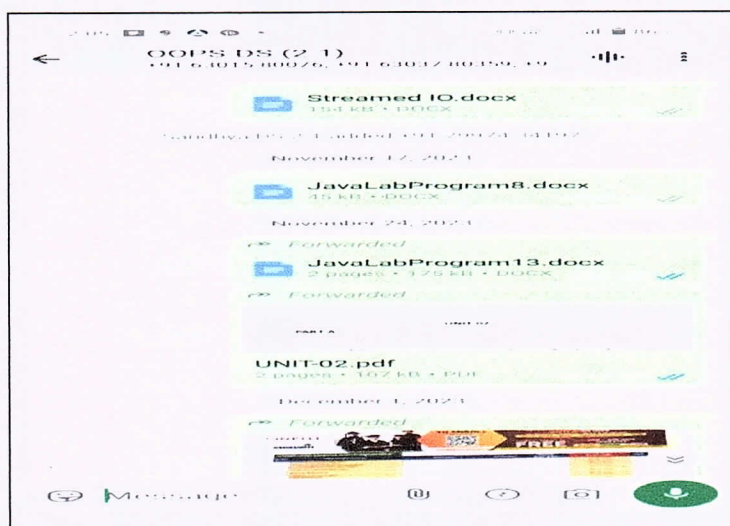
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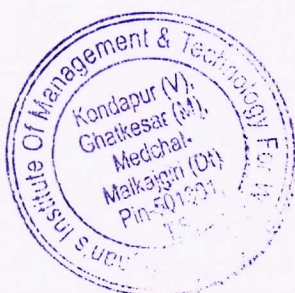
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**DLD Notes Shared through the WhatsApp For II ECE**



**DE Notes Shared through the WhatsApp For II DS**



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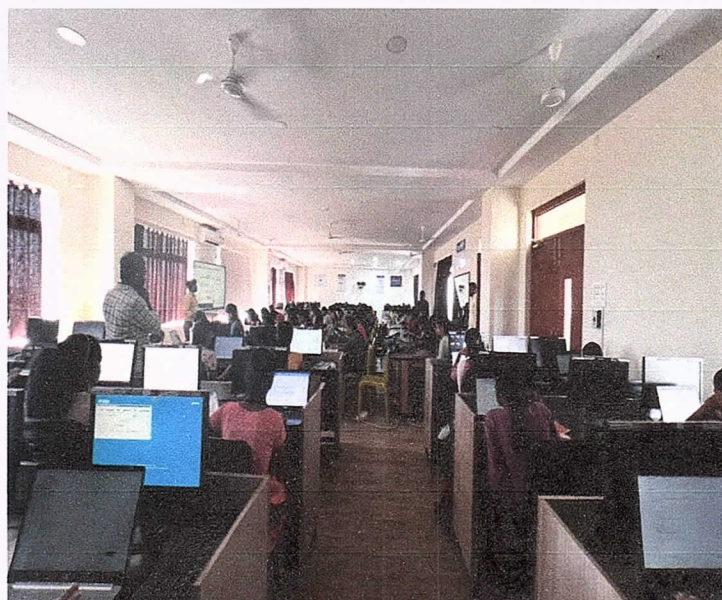
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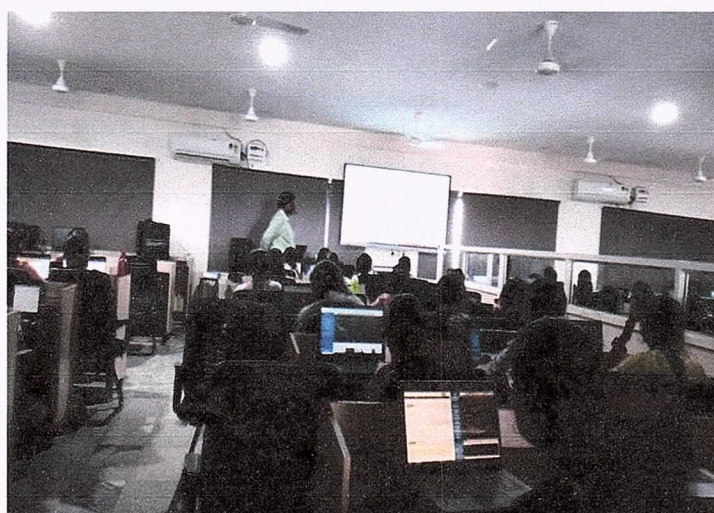
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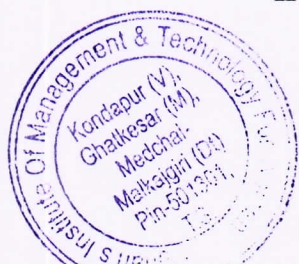
10. **Ability Assessment Test:** The institution providing various online platforms like Software awareness and CRT training and to assess the capabilities of students in analytical skills, aptitude, technical skills.



III-IT Students attended Programming on Python in CRT



II-ECE Students attended CRT on JAVA Programming



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11. **Industrial study visits & Field visits:** Organized to expose to the current technologies and to provide an opportunity to learn practically through interaction.



**II-IT Students visited DRDO Young Scientist Lab**



**II-AI&DS Students visited DRDO Young Scientist Lab**



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