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

INDEX

PREPARED BY

V. Smdri

[V. Sundari]

VERIFIED BY

(K. Rajaram)

APPROVED BY

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1. <mark>List of ICT tools used</mark>

- Smart class room
- Computer assisted learning
- Google class room
- Online class room
- Lab experiments through video lecturing
- Course PPT and materials available in college website
- E-book and E-journal facilities available in library
- Naan Muthalvan, NPTEL and SWAYAM courses

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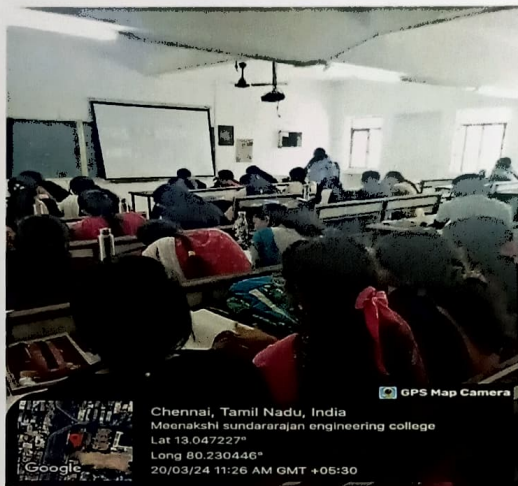Affiliated to Anna University, Chennai,

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2. SMART CLASS ROOM

Department of Artificial Intelligence and Data Science

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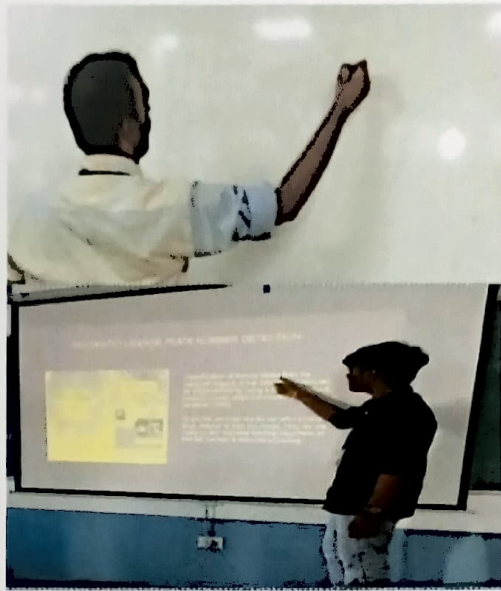
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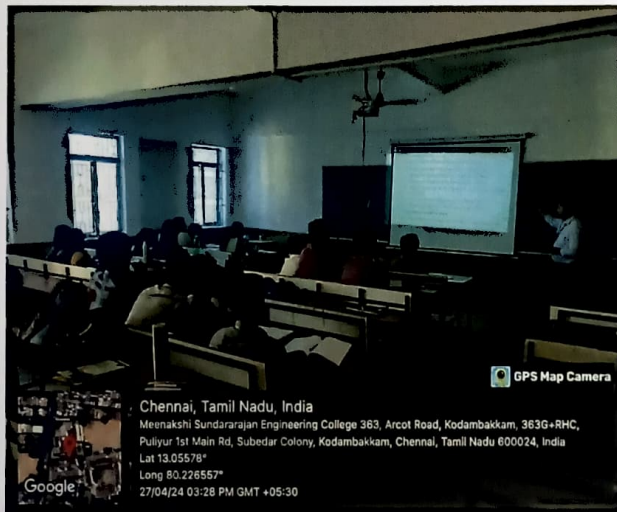Affiliated to Anna University, Chennai,

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Department of Information and Technology

Department of Civil Engineering

4

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Topic : Naan Muthalvan – Design thinking
Date: 08/04/2024
Venue : II CSE Classroom
Target Audience : II CSE Students

Topic : VIGYAN 2024 – One day technical seminar
Date: 16/02/2024
Venue : ECE Seminar Hall
Target Audience : CSE Students
Resource Person : Mr. Subramanian Radhakrishnan, Chief Enterprise Architect,
Infosys Limited, Chennai
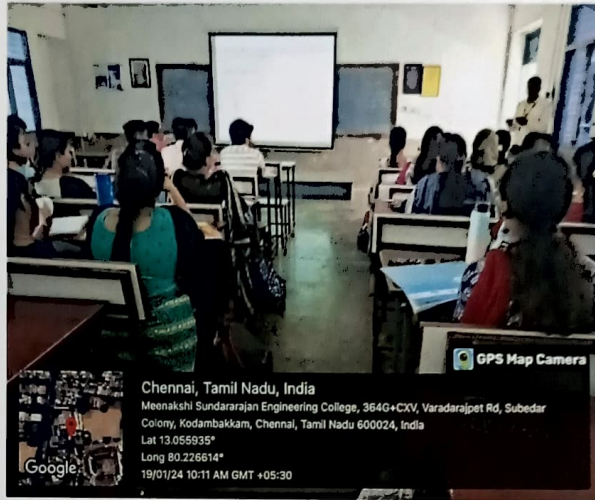
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Topic : Placement training
Date: 19/01/2024
Venue : IV CSE Classroom
Target Audience : IV CSE Students

3. **Computer Assisted Learning**

Computer Assisted Learning (AIDS Students)

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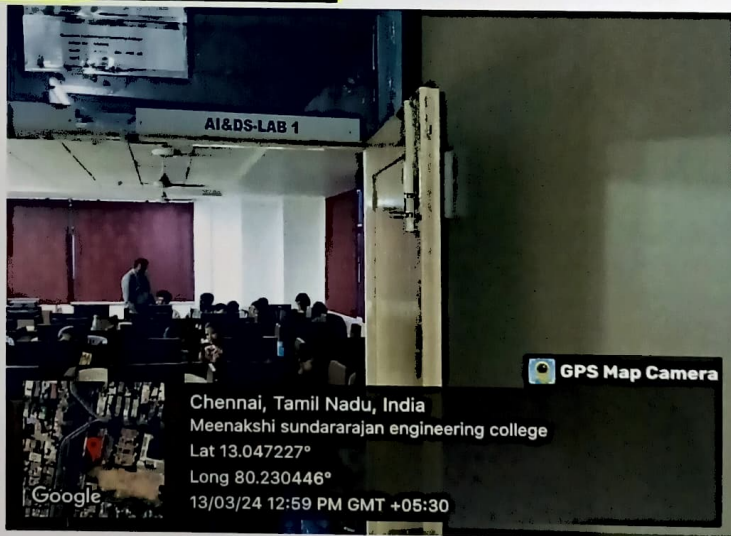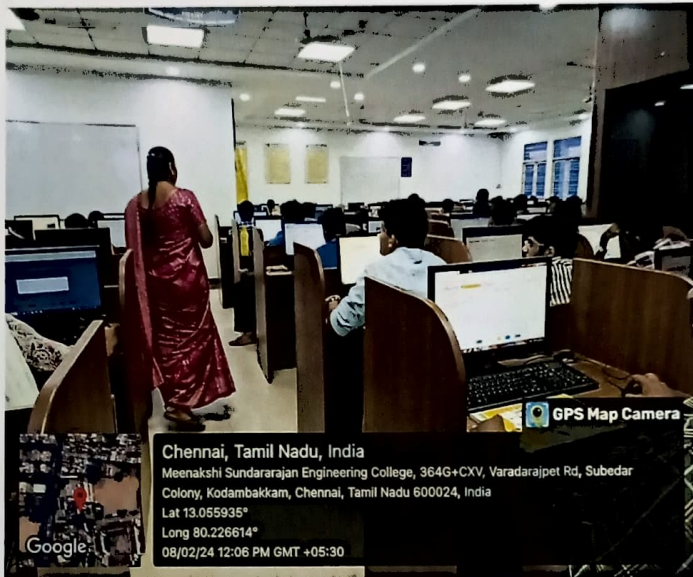**363, Arcot Road, Kodambakkam, Chennai – 600 024, Tamil Nadu, India**

Computer Assisted Learning (CSE Students)

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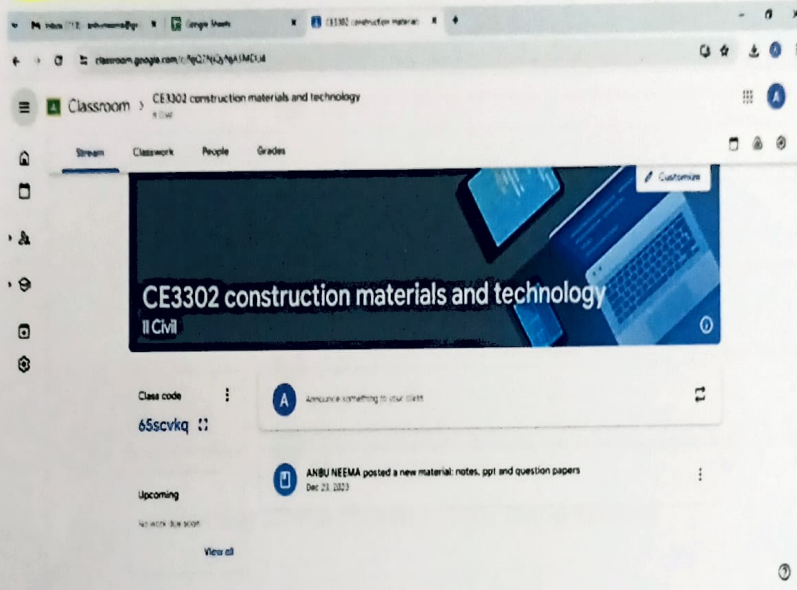Affiliated to Anna University, Chennai,

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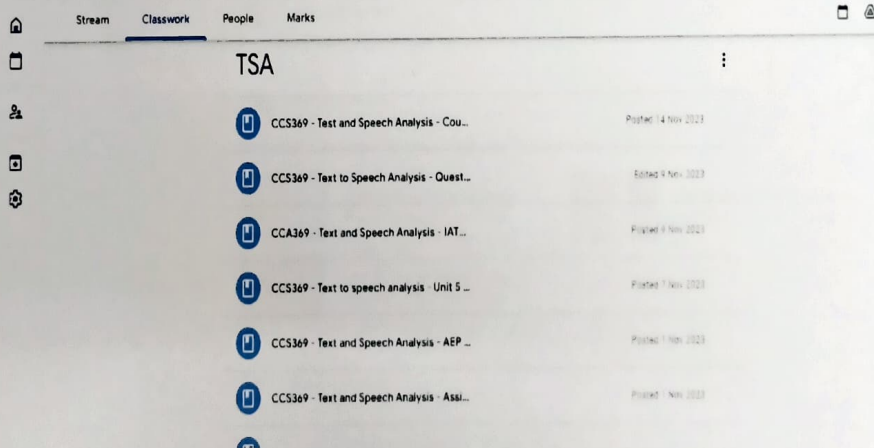Recognized by UGC with 2(f) & 12(B) status)

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4. Google Class Room

(Google Class Room – Civil Department)

(Google Class Room – CSE Department)

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≡ Classroom › CS3352 - FOUNDATIONS OF DATA SCIENCE (Acad...
II CSE - Sem 3 (Batch 2022-2026)

Stream   Classwork   People   Marks

C Jerin Mahibha posted a new material: CS3352 - Foundations of Data Science - Units Test ...
22 Dec 2023

C Jerin Mahibha posted a new material: CS3352- Foundations of Data Science - Question Ba...
22 Dec 2023

C Jerin Mahibha posted a new material: CS3352 - Foundations of Data Science - AEP Test - 2...
22 Dec 2023

C Jerin Mahibha posted a new material: CS3352 - Foundations of Data Science - Assignment 5
22 Dec 2023

C Jerin Mahibha posted a new material: CS3352 - Foundations of Data Science - PPT - Unit 5
22 Dec 2023

(Google Class Room – CSE Department)

II year A EC3452 Electromagnetic Fields

Stream   Classwork   People   Grades

Add class comment

Bhargavi Sekaran
Mar 13

I have shared videos on EMF for basic understanding of concepts. Please check

Electromagnetic Fields Le...
YouTube video · 17 minutes

Electromagnetic Fields Le...
YouTube video · 17 minutes

The origin of Electromagn...
YouTube video · 12 minutes

Add class comment

(Google Class Room – ECE Department)

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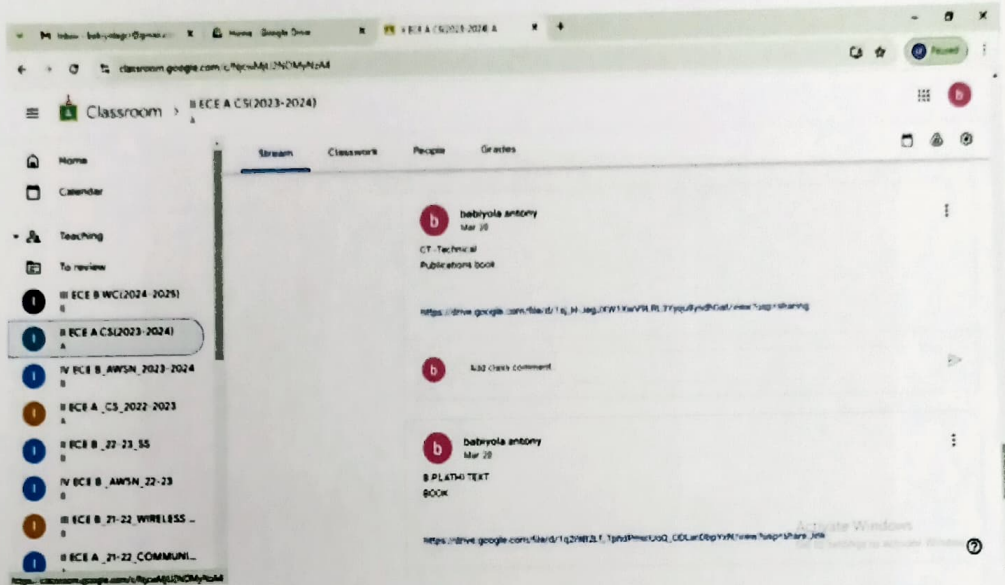
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(Google Class Room – ECE Department)

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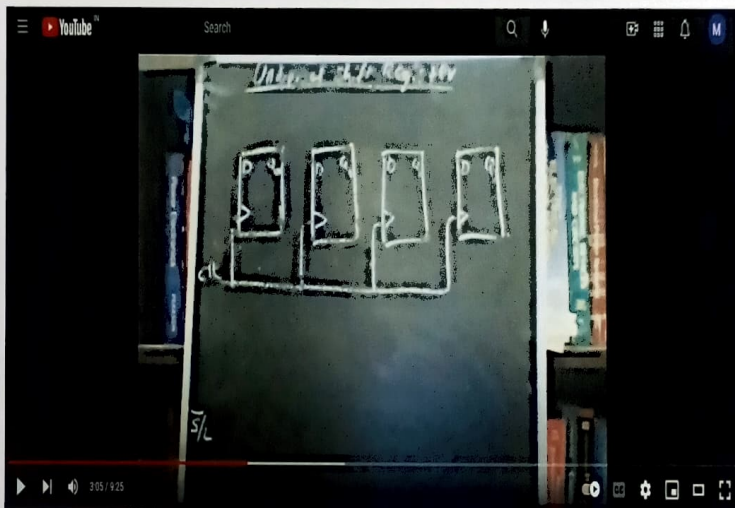Affiliated to Anna University, Chennai,

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5. Video Lecturing

Digital Logic Circuits Lecture 21.5 Universal Shift Registers (EEE)...
https://www.youtube.com/watch?v=dLX8AedP5R0

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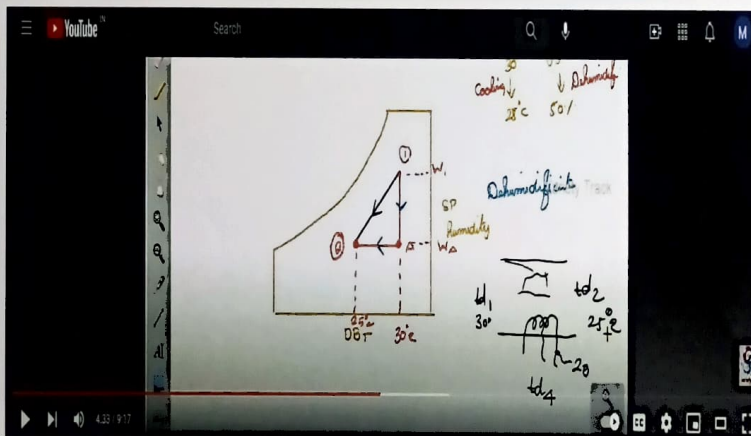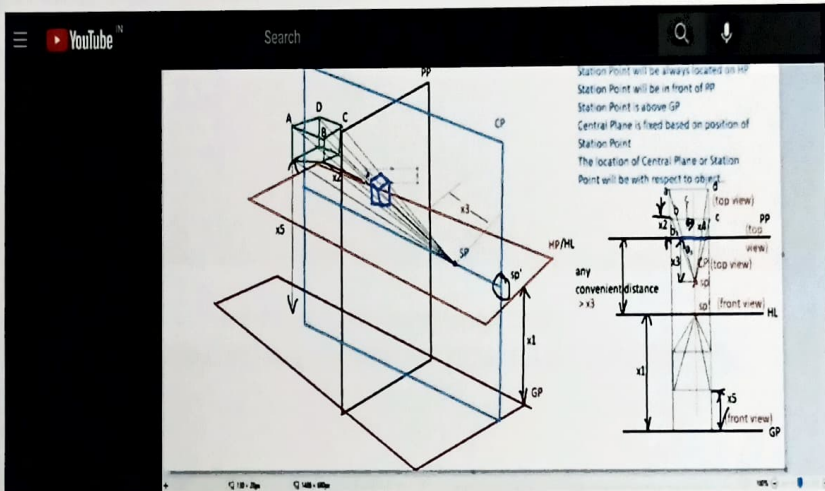363, Arcot Road, Kodambakkam, Chennai – 600 024, Tamil Nadu, India

Psychrometric|video 19|cooling and Dehumidification|UNIT V GAS MIXTURES
AND PSYCHROMETRY (Mechanical)
https://www.youtube.com/watch?v=o9IexE-t_m8

Perspective Projection, Free Hand Sketch and Revision (Civil)
https://www.youtube.com/watch?v=cP_Ew7UjboA

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Python programming (CSE)
https://www.youtube.com/watch?v=uNoI7URKExU&t=56s

6. Course PPT and materials

(Course Material – CSE Department)

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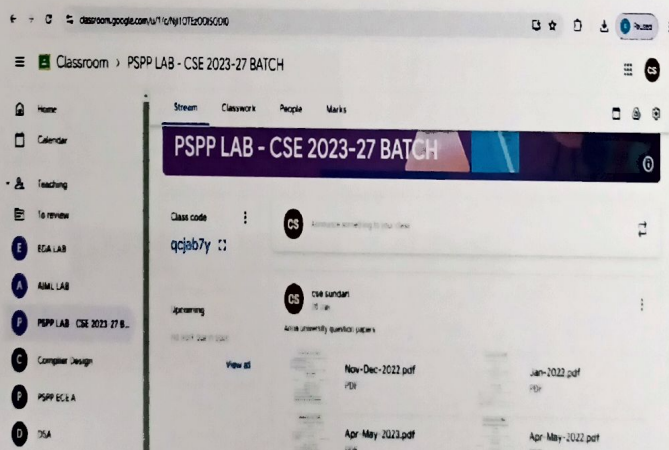363, Arcot Road, Kodambakkam, Chennai – 600 024, Tamil Nadu, India

(Course Material – CSE Department)

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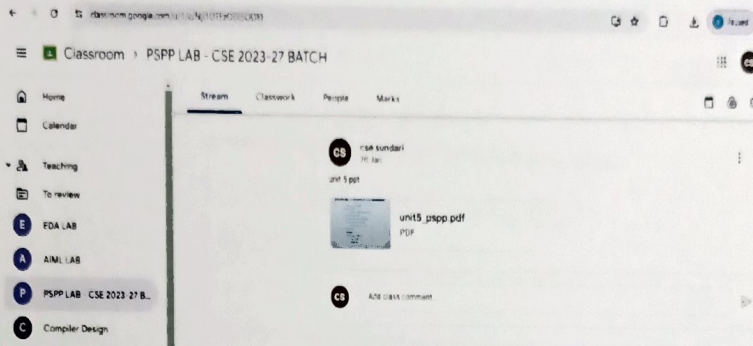(Managed by I.I.E.T Society, Approved by AICTE, New Delhi,

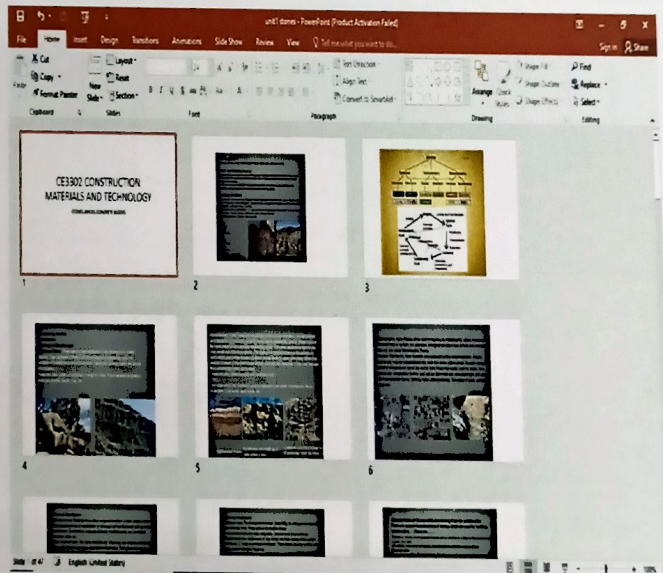Affiliated to Anna University, Chennai,

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7. Google Forms

CS3501 - COMPILER DESIGN - COURSE SURVEY 2021-2025

Questions Responses Settings

CS3501 - COMPILER DESIGN - COURSE SURVEY - BATCH 2021-2025

B *I* U ⊖ ⤢

COMPUTER SCIENCE AND ENGINEERING - III YEAR - V SEMESTER - BATCH (2021-2025)

Regulation 2021

Course Code & Course Name   C302 - COMPILER DESIGN

Email *

Valid email address

This form is collecting email addresses Change settings

Questions   Responses 50   Settings

C302.1   Understand the techniques in different phases of a compiler & Design a lexical
analyser for a sample language and learn to use the LEX tool.   *

○ 3

○ 2

○ 1

C302.2   Apply different parsing algorithms to develop a parser and learn to use YACC tool   *

○ 3

○ 2

○ 1

(Google Form – CSE Department)

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Questions Responses 50 Settings

C302.1 Understand the techniques in different phases of a compiler & Design a lexical analyser for a sample language and learn to use the LEX tool.

50 responses

Copy chart

- 3
- 2
- 1

26%

74%

C302.2 Apply different parsing algorithms to develop a parser and learn to use YACC tool.

50 responses

Copy chart

- 3
- 2
- 1

36%

Google form responses (CSE Department)

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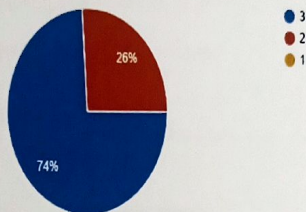
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8. Online Platform test

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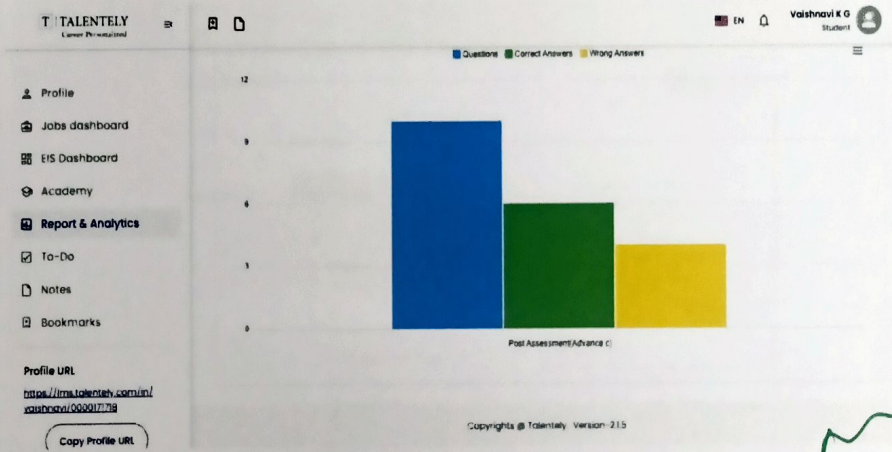Affiliated to Anna University, Chennai,

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(Placement test - Department of Computer Science and Engineering)

(Department of Information and Technology)

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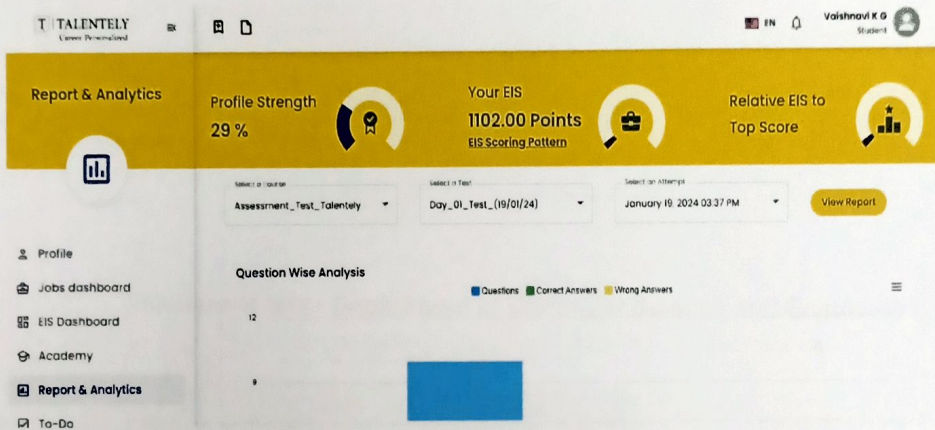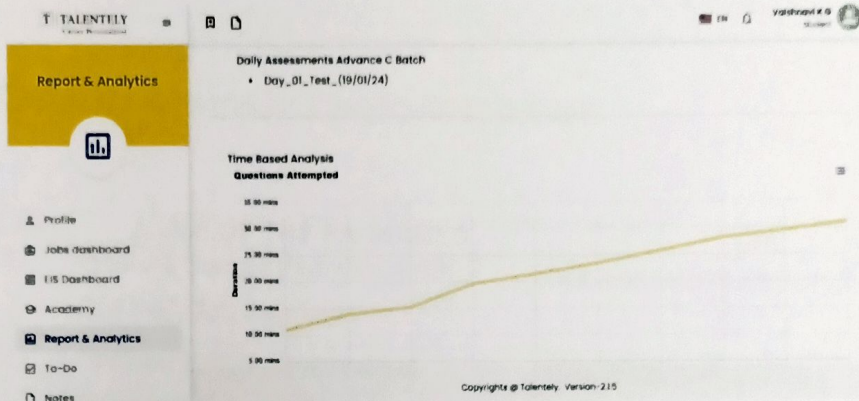
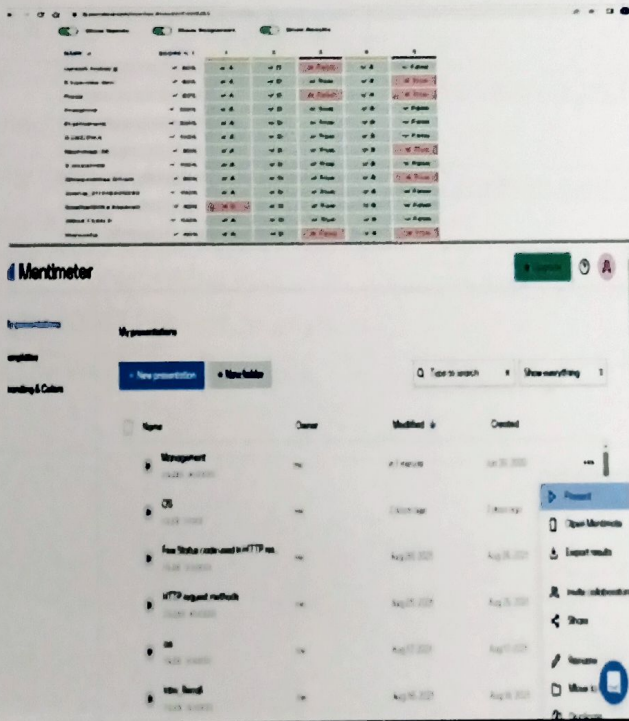Affiliated to Anna University, Chennai,

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9. **E-book and E-journal facilities available in library**

SL.NO	NAME OF THE PACKAGES	URL
1.	IEEE-All Society Periodicals(ASPP ONLINE) 206 Journals	http://ieeexplore.ieee.org/Xplore/
2.	Springer Nature (Engineering, Computer Science, Mathematics and Statistics) 497 Titles	https://link.springer.com/
3.	ASME(American Society of Mechanical Engineering) 33 Journals	http://asmedigitalcollection.asme.org
4.	ASCE(American Society Of Civil Engineering) 35 Journals	http://ascelibrary.org/
5.	ASTM International(American Society for Testing Materials) 9 Journals	https://myastm.astm.org
6.	J-Gate (J-Gate Engineering and Technology) 20963 Full text Journals.	https://jgateplus.com/
7.	Z Library(The World Largest eBook Library)	https://z-lib.org/

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10. Online Courses

3:37
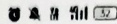
Desing_Thinkin...
-lms.career-shaper.com

Hi Abinaya S :)
You are doing great!

TNSDC_JFM24_Design_Thinking_01

My Job Learning >
Assignment and Projects >
List, Template and
Submission > **Projects**

Projects List

Design Thinking – Project List

Project Code	Project Title
DT001	Algebra Assist: Creating Connected Classrooms for Math Mastery
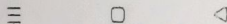
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3:37

Hi Abinaya S :)
You are doing great!

TNSDC_JFM24_Design_Thinking_01

**My Job Learning >
Assignment and Projects >
List, Template and
Submission >
Assignments**

Assignments

Assignments – Design Thinking

Attempt all questions.

S.No	Module	Problem Statement
		As a project manager, you are assigned with task to generate reports on bug statistics and trends to identify areas of

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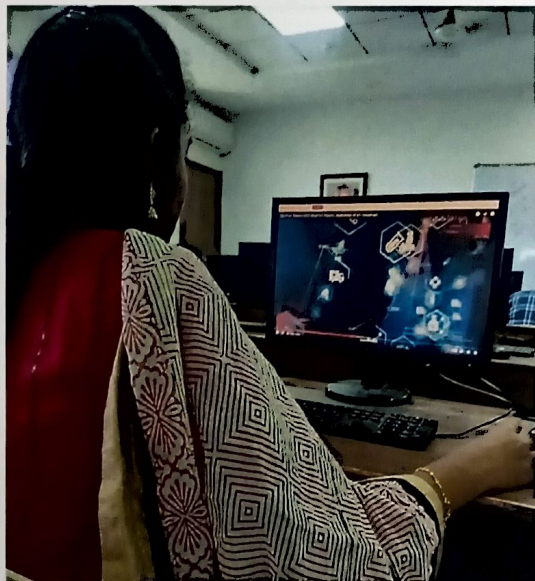(Managed by I.I.E.T Society, Approved by AICTE, New Delhi,

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EXPLORING IOT PROJECTS THROUGH YOUTUBE(ECE Department)

22

(NPTEL COURSE – ECE Department)

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

GISHNURAJ SK

for successfully completing the course

Cloud Computing

with a consolidated score of **76** %

Online Assignments	23.31/25	Proctored Exam	52.86/75

Total number of candidates certified in this course:23872

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam
FREE ONLINE EDUCATION

Roll No: NPTEL24CS17S453506881   To verify the certificate   No. of credits recommended: 3 or 4

(NPTEL Certificate – ECE Student)

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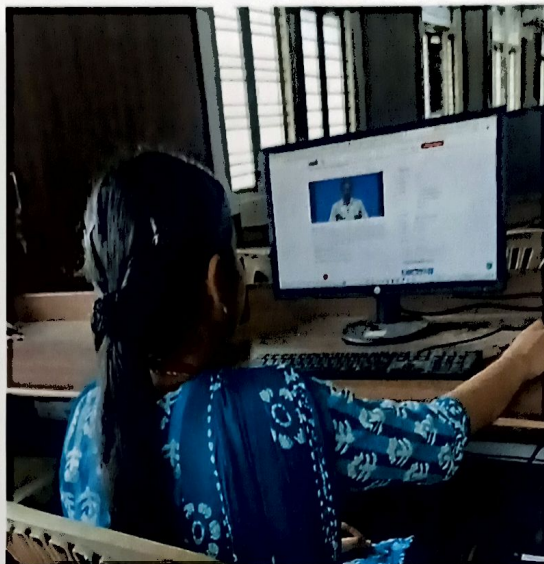(Managed by I.I.E.T Society, Approved by AICTE, New Delhi,

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DIGITAL PRODUCTIVITY
CYBER SECURITY AND DATA PRIVACY

This is to certify that

ARAVINDHA HARINI R

has successfully completed the **Digital Productivity training on Cyber Security and Data Privacy** offered by Naan Mudhalvan in partnership with Microsoft and conducted by Infispark Foundation on December 21, 2023.

naanmudhalvan.tn.gov.in/

INFISPARK
Training Partner

Microsoft
naanmudhalvan.azurewebsites.net/

(NPTEL Certificate – ECE Student)

Elite

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

This certificate is awarded to

GAYATHRI R

for successfully completing the course

Programming in Java

with a consolidated score of **78** %

Online Assignments	24.94/25	Proctored Exam	53.38/75

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

swayam

Roll No: NPTEL24CS43S753402988 | To verify the certificate | No. of credits recommended: 3 or 4

(NPTEL Certificate – CSE Student)

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11. Demo based learning

Topic : Solar PV system with grid connected system

Demo based learning-Theoretical concept (EEE Department)

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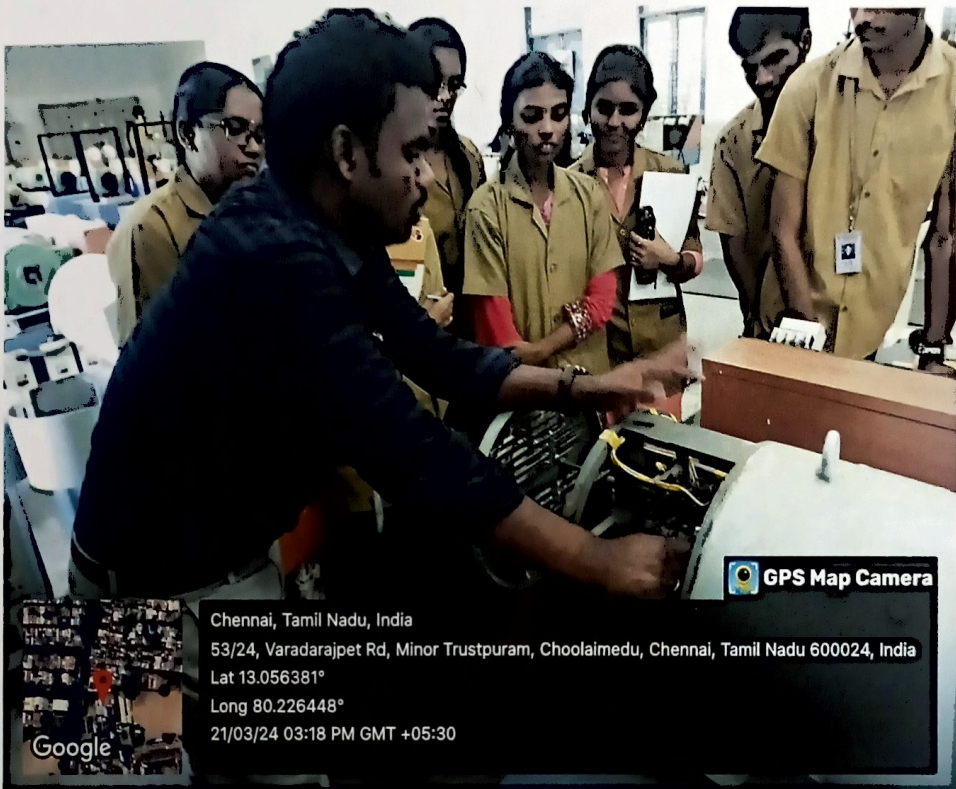(Managed by I.I.E.T Society, Approved by AICTE, New Delhi,

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Demo based learning-Theoretical concept (EEE Department)

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