



Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University)

Coimbatore 641 032

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

List of students taken Seminar Academic Year 2023-24

S. NO.	Register Number	Class	Name of the Student	Seminar Topic
1.	720722106076	II ECE	Nishanth P	Electro cardiography (ECG)
2.	720722106091	II ECE	Rumana P	Blood pressure
3.	720722106095	II ECE	Sahithya S	Blood pressure
4.	720722106112	II ECE	Subash M	Hearing aids
5.	720722106100	II ECE	Sankeeth	Astable Multivibrator
6.	720722106113	II ECE	Subbulakshmi A	Electroencephalogram Grams and Their Applications
7.	720722106114	II ECE	Subeesh B	Hematology analyzer
8.	720722106118	II ECE	Surya K	Advancements in Electrocardiograph
9.	720722106074	II ECE	Newma J	Fick's Method Fick's Method
10.	720722106092	II ECE	Rutra Dhesma J A	EEG In Medical Electronics
11	720722106089	II ECE	Rathish G	Application of Op-Amp
12	720722106065	II ECE	Kavin D	Application of Op-Amp
13	720722106066	II ECE	Logeshwaran R	Application of Op-Amp

14	720722106069	II ECE	Muthu Krishnan M	Application Of Operational Amplifier
15	720722106071	II ECE	Nandhana S	Application Of Operational Amplifier
16	720722106075	II ECE	Nishanth K	Monostable Multivibrator
17	720722106076	II ECE	Nishanthi P	Comparator
18	720722106078	II ECE	Pradeep P	Astable Multivibrator
19	720722106079	II ECE	Pradhip P N	Exploring the versatility of operation amplifier
20	720722106080	II ECE	Prathiksha B	Real-Life Applications of Operational Amplifiers (Op-Amps)
21	720722106081	II ECE	Prathiksha M	Optimizing current and voltage with Op-Amp
22	720722106082	II ECE	Praveen Rajan M	Linear integrated circuits assignment
23	720722106083	II ECE	Pravin S	Mastering The Art Of Operational Amplifiers
24	720722106085	II ECE	Raja V S	Amplifying Signals: The Power of AC Amplifiers
25	720722106086	II ECE	Rajathi P	Application Of Op-Amp :Voltage Follower
26	720722106088	II ECE	Rasika K	Astable Multivibrator
27	720722106089	II ECE	Rathish.G	Application of Op-Amp
28	720722106092	II ECE	Ruthra Dhesma J A	Clampers
29	720722106093	II ECE	Sabarivasan M	Astable Multivibrator
30	720722106095	II ECE	Sathiya S	Application Of Op-Amp
31	720722106096	II ECE	Sanjai Kumar R	Linear Integrated Circuits
32	720722106097	II ECE	Sanjay raj R S	Timers in GCR

33	720722106098	II ECE	Sanjay G	Application of Op-Amp
34	720722106099	II ECE	Sanjay L	Timers in GCR
35	720722106101	II ECE	Santhosh Kumar I	Application Of Opamp
36	720722106108	II ECE	Saranya S	Real-Life Applications of Operational Amplifiers (Op-Amps)
37	720722106068	II ECE	Monika K	Electronics Application
38	720722106105	II ECE	Shabin B	Electronics Applications
39	720722106118	II ECE	Siddharth R T	Timers in GCR
40	720722106109	II ECE	Sivaranjini K	Linear integrated circuits assignment III
41	720722106110	II ECE	Someshvaran S	Unleashing the Power of Monostability
42	720722106112	II ECE	Subash M	Enhancing Circuit Performance: The Application of Operational Amplifiers
43	720722106113	II ECE	Subbulakshmi A	Schmitt Trigger
44	720722106114	II ECE	Subeesh B	Linear Integrated Circuit Voltage Regulators
45	720722106115	II ECE	Sudharsan M	Linear integrated circuits
46	720722106118	II ECE	Surya K	Understanding Voltage follower circuits
47	720722106119	II ECE	Swetha C	Optimizing Performance: The Role of Timers in Linear Integrated Circuits
48	720722106120	II ECE	Tamizhiniyan S	Maximizing performance : The practical application of operational amplifiers
49	720722106071	II ECE	Nandhana S	Electronics Applications

50	720722106124	II ECE	Vishnu Kanishka V S	Optimizing Performance: Harnessing the Power of Timers in Linear Integrated Circuits
51		II ECE	Nishanthi P	Applications Of Electronics
52	720722106066	II ECE	Logeshwaran R	Electronics Applications
53	720722106074	II ECE	Newma J	Optimizing performance with op-amp comparators
54	720722106077	II ECE	Paringa	Unleashing the Unpredictable: The Art of Astable Circuits
55	720722106087	II ECE	Ramya A	Summing amplifier using op Amp
56	720722106092	II ECE	Rutra Dhesma J A	Introduction to Operational Amplifiers (Op-Amps)
57	720722106104	II ECE	Sathya S	Unleashing the Power of Monostability
58	720722106106	II ECE	Sharmila B	Application Of Opamp
59	720722106111	II ECE	Sri Annamalai K	Linear Integrated Circuit Application Of Op-Amp
60	720722106806	II ECE	Suresh S	Application of Op-Amp
61	720722106067	II ECE	Mohameed Shafeek A	Revolutionizing the World: Exploring Electronic Applications
62	720722106083	II ECE	Pravin S	Electronify Your Life: Exploring the Wonders of Electronic Applications
63	720722106085	II ECE	Raja V S	Transforming the future: the power of Electronic application
64	720722106071	II ECE	Nandhana S	Revolutionizing Electronics: Exploring Modern Applications

65	720722106089	II ECE	Rathish G	Electronic Applications
66	720722106090	II ECE	Regunath J P	Growth trends and challenges in Electronics
67	720722106101	II ECE	Santhosh Kumar I	Growth, Trends And Challenges
68	720722106103	II ECE	Sathish Kumaran N	Revolutionizing Industries: The Expansive Applications of Electronics
69	720722106112	II ECE	Subash M	Electronics Unplugged: Exploring Everyday Applications With A Spark Of Innovation
70	720722106124	II ECE	Vishnu kanishka V S	Advancements in Electronics: Exploring Cutting-edge Applications
71	720722106100	II ECE	Sankeeth	Exploring the Vast Realm of Electronics Applications
72	720722106079	II ECE	Pradhip P N	Introduction to Different IOT Tools
73	720722106082	II ECE	Praveen Rajan M	Developing Application through IOT Tools
74	720722106085	II ECE	Raja V S	Fundamentals of Python Programming: An Introductory Guide
75	720722106096	II ECE	Sanjai Kumar R	Introduction to Python Programming
76	720722106099	II ECE	Sanjay L	Implementing IOT Solutions with Python
77	720722106108	II ECE	Saranya S	Introduction to Sensor Based Applications
78	720722106118	II ECE	Siddharth R T	Developing Sensor based Applications through Imbedded System Platform

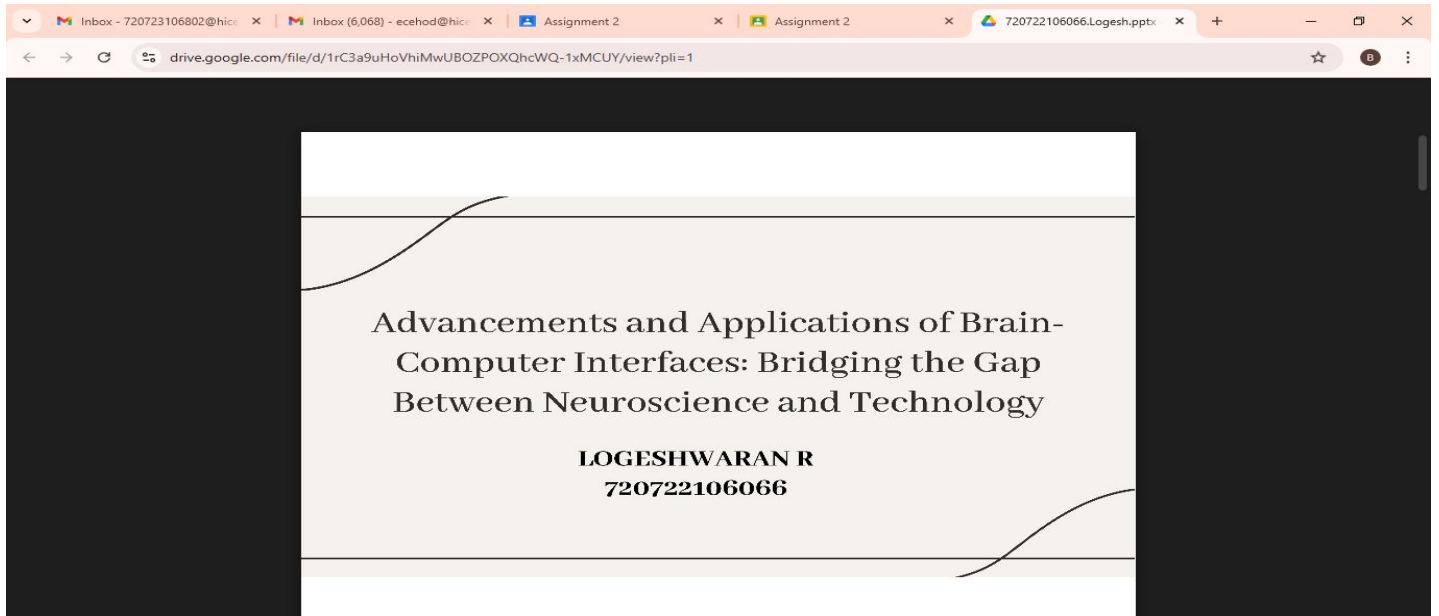
79	720722106114	II ECE	Subeesh B	IOT Based System Design
80	720722106115	II ECE	Sudharsan M	Developing Sensor-Based Applications through Embedded System Platforms
81	720722106118	II ECE	Surya K	Transforming Industry: Innovative IOT Applications for Enhanced Efficiency and Productivity
82	720722106119	II ECE	Swetha C	Leveraging Python for Effective Implementation of IOT Concepts
83	720722106121	II ECE	Venkatesh L	Integrating Embedded Systems: Developing Innovative Sensor-Based Applications
84	720722106074	II ECE	Newma	Empowering Innovation: Developing Sensor- Based Applications On Embedded System
85	720722106077	II ECE	Parniga	Introduction to python
86	720722106092	II ECE	Ruthra Dhesma J A	Introduction To Different Iot Tools
87	720722106104	II ECE	Sathya S	Implementing IOT concept of python
88	720721106070	III ECE	Mugesh C	Understand HIS Model Using RGB Format
90	720721106071	III ECE	Muthulakshmi M	Pattern Recognition
91	720721106075	III ECE	Neeraj Kumar D L	Image Compression Methods
98	720721106099	III ECE	Shiva Dhanush M	Understanding HSI model using RGB format
99	720721106112	III ECE	Swathi M	Histogram Operation in Image

				Processing
100	720721106116	III ECE	Thendral Vasan Sa	Structure Of The Human Eye
104	720721106103	III ECE	Sriram M	Variable Length Coding
105	720721106112	III ECE	Swathi M	Structure of an Human Eye
108	720721106115	III ECE	Thamarai Selvam A	Noise Models in Digital Image Processing
109	720721106127	III ECE	Sam Venkadesh Kumar G	Web Development
110	720721106065	III ECE	Chaithanya	Internship On Python Accent Techno Soft
111	720721106067	III ECE	Meenakshi Priyadharshini P	Software Programming
112	720721106069	III ECE	Moses J	Robotics
113	720721106070	III ECE	Mugesh C	Arduino UNO
114	720721106084	III ECE	Praveenkumar S	Popular Systems
115	720721106807	III ECE	Ram Lakshman S	Robotics
116	720721106090	III ECE	Rohan R A	Embedded Systems
117	720721106114	III ECE	Tarun Vasakam K	Application Login System
118	720721106118	III ECE	Vasantha Ruban B T	VOIP
119	720721106084	III ECE	Praveenkumar S	Popular Systems
120	720721106118	III ECE	Vasantha Ruban B T	Automatic Fish Feeder Using IOT
122	720721106120	III ECE	Venkatasubramanian G	Drowsy Driver Detector

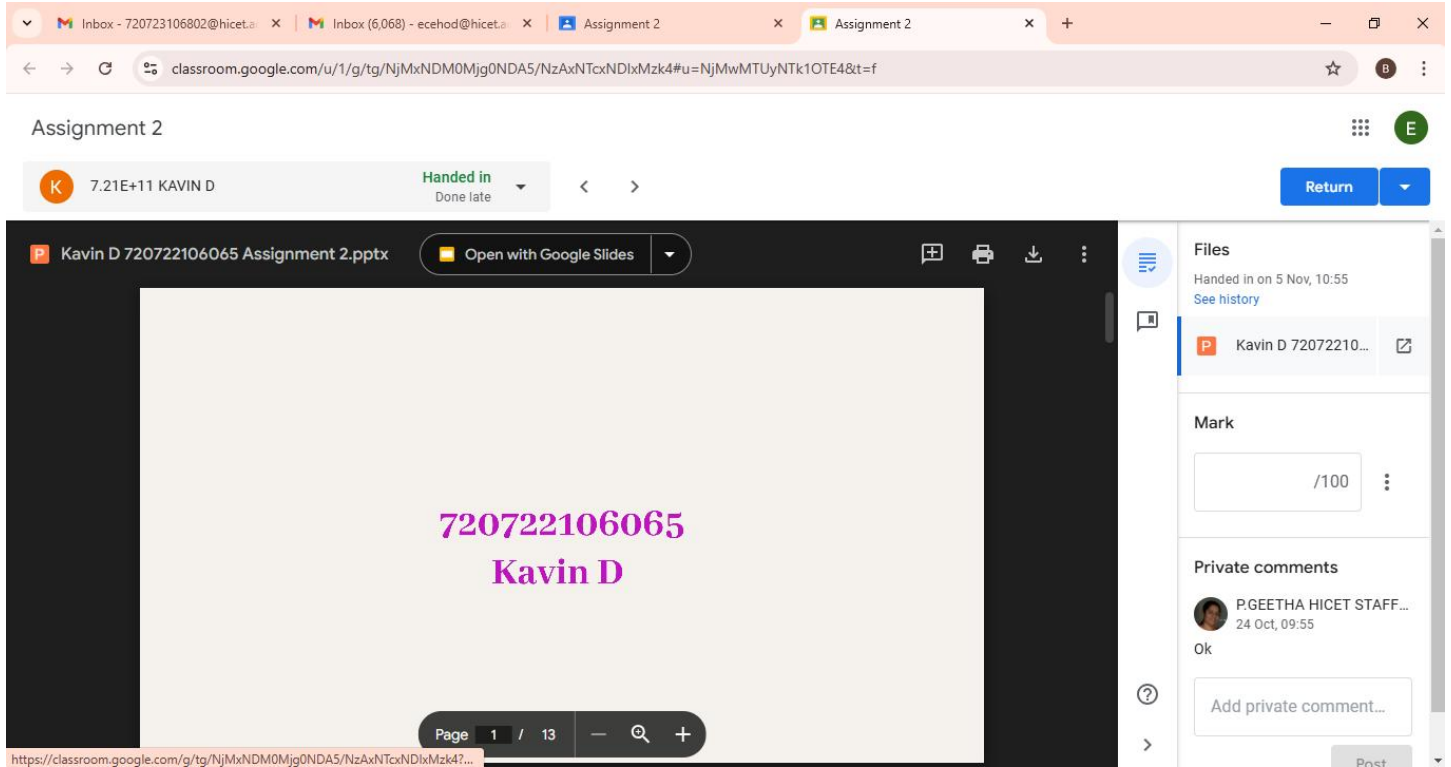
124	720721106072	III ECE	Naveen L	Obstacle Avoidance Drone Using Arduino
125	720721106811	III ECE	Vijayakumar	Smart Agriculture Using IOT
126	720721106077	III ECE	Oviya R	Adaptive & Adjustable Headlight
127	720721106087	III ECE	Raghul S	Automatic Gate System Using RFID
128	720721106089	III ECE	Riyas S	Smart Stick For Assisting Blind People
129	720721106096	III ECE	Saran R	Wireless car control system with ESP32 Cam module
131	720721106126	III ECE	Yuvashree A	Construction Of Radar Using Arduino
132	720721106068	III ECE	Mohamed S	Brain Tumor Diagnosis using Deep Learning on MRI Images
133	720721106069	III ECE	Moses J	Automatic Fruit Detection Using Object Detection Model
134	720721106101	III ECE	Soundaryan M	Skin Cancer Detection Using Digital Image Processing in Python
135	720721106115	III ECE	Thamarai Selvam A	Smart Industrial IOT Gateway
136	720721106065	III ECE	Chaithanya	Enhancing Social Media Integrity: A Multi-Platform Machine Learning Approach to Detecting Fake Accounts with a User-Friendly Stream lit Interface
137	720721106071	III ECE	Muthulakshmi M	An Effective Deep Learning Algorithm For Mineral Exploration Using Seismic Images
138	720721106092	III ECE	Sanjay S	Multi Banking Transactions In Automatic Teller

				Machine(ATM) Using Biometric And RFID
139	720721106126	III ECE	Yuvashree A	Automotive Radar Signal Processing
140	720721106110	III ECE	Sundaravelu V	Detection Of Poisonous Plant
141	720721106117	III ECE	Vaishnavi S	An Effective Deep Learning Algorithm For Mineral Exploration Using Seismic Image
142	720721106111	III ECE	Suruthi S	Face Recognition Attendance System
143	720720106003	IV ECE	Antaro Shyla	Online Voting System
144	720720106009	IV ECE	Harish S	Food Services Based on GPS Tracking Using Flutter Framework
145	720720106020	IV ECE	Immanuvel B S	Garbage Monitoring System Using Lora Technology
146	720720106002	IV ECE	Angel Wilson	Automotive Human Safety Helmet
147	720720106015	IV ECE	Mohammed Sharfudeen S	Stair Leaver
148	720720106005	IV ECE	Devaghosh K	Smart Home with Google Assistant &Alexa using ESP32
149	720720106003	IV ECE	Antaro Shyla	Mastering the Art of JPEG: Unleashing the Power of Image Compression
151	720720106006	IV ECE	Dhanush E	Digital Image Processing
152	720720106024	IV ECE	Vignesh Bhaskar V	Digital Image Processing
153	720720106025	IV ECE	Zen Thomas	JPEG
154	720720106012	IV ECE	Jeevavarsini P	Embedded Control And Its

				Interfaces
155	720720106019	IV ECE	Sangeetha V	Smart City Activities
156	720720106022	IV ECE	Thanaveer Kowsik J S	Smart City Activities
157	720720106023	IV ECE	Tharunlal P M S	Peripheral Interface Controllers (PIC)
158	720720106006	IV ECE	Dhanush E	Garbage Monitoring System Using Lora Technology
159	720720106016	IV ECE	Monish M	Automatic Delivery Robot
160	720720106019	IV ECE	Sangeetha V	Ai-Powered Skill Recommendation Application For Student Career Development
161	720720106085	IV ECE	Tharun P J	Self-Cleaning Solution For Solar Panel
162	720720106002	IV ECE	Angel Wilson	Automated Controller Of Streetlight Management System



Sample PPT Seminar with Voice Over



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Assignment 2

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ADVANCEMENTS IN ELECTROCARDIOGRAPHY: UNDERSTANDING ECG INTERPRETATION AND APPLICATIONS

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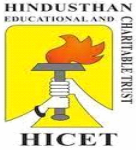
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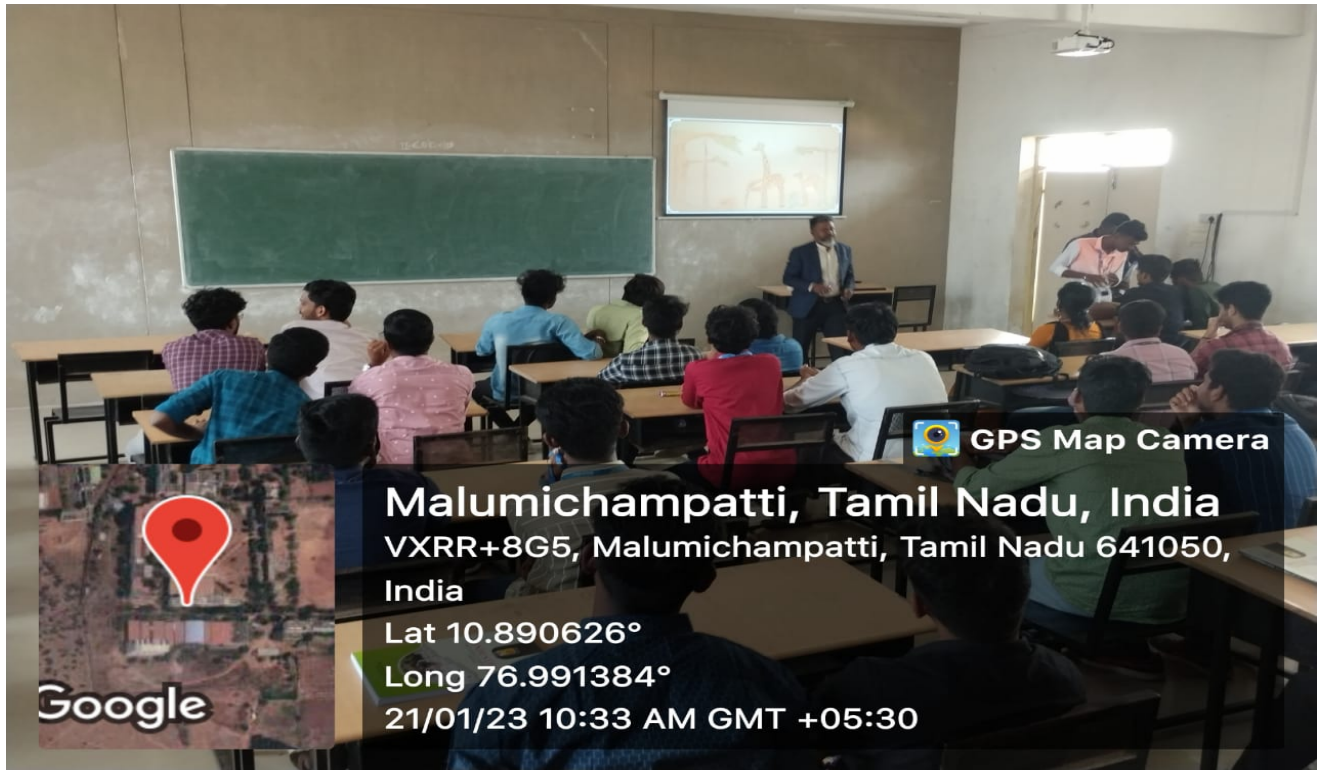


DEPARTMENT OF INFORMATION TECHNOLOGY

TECHNICAL SEMINAR

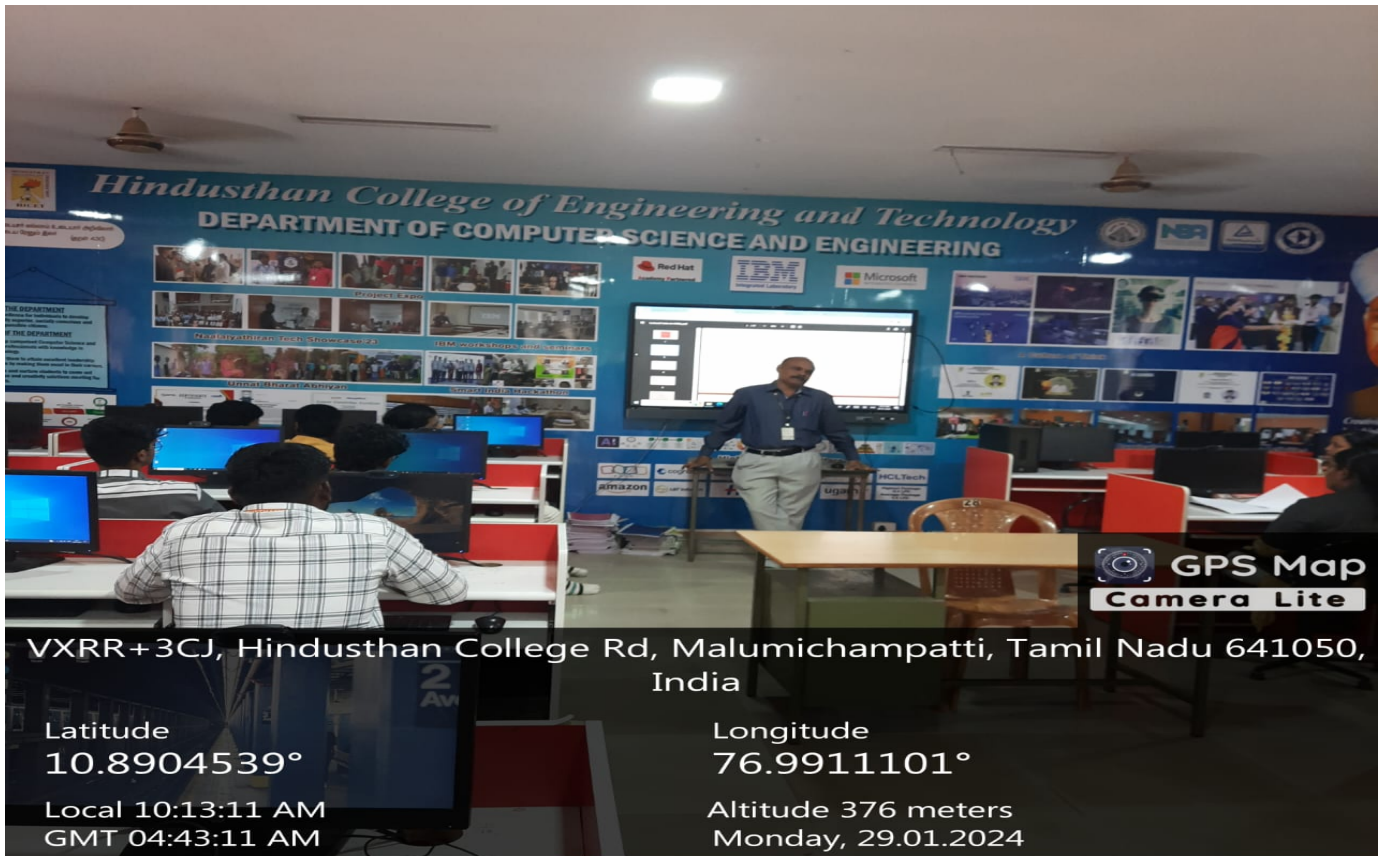


M. Sabarajinor
HoD





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