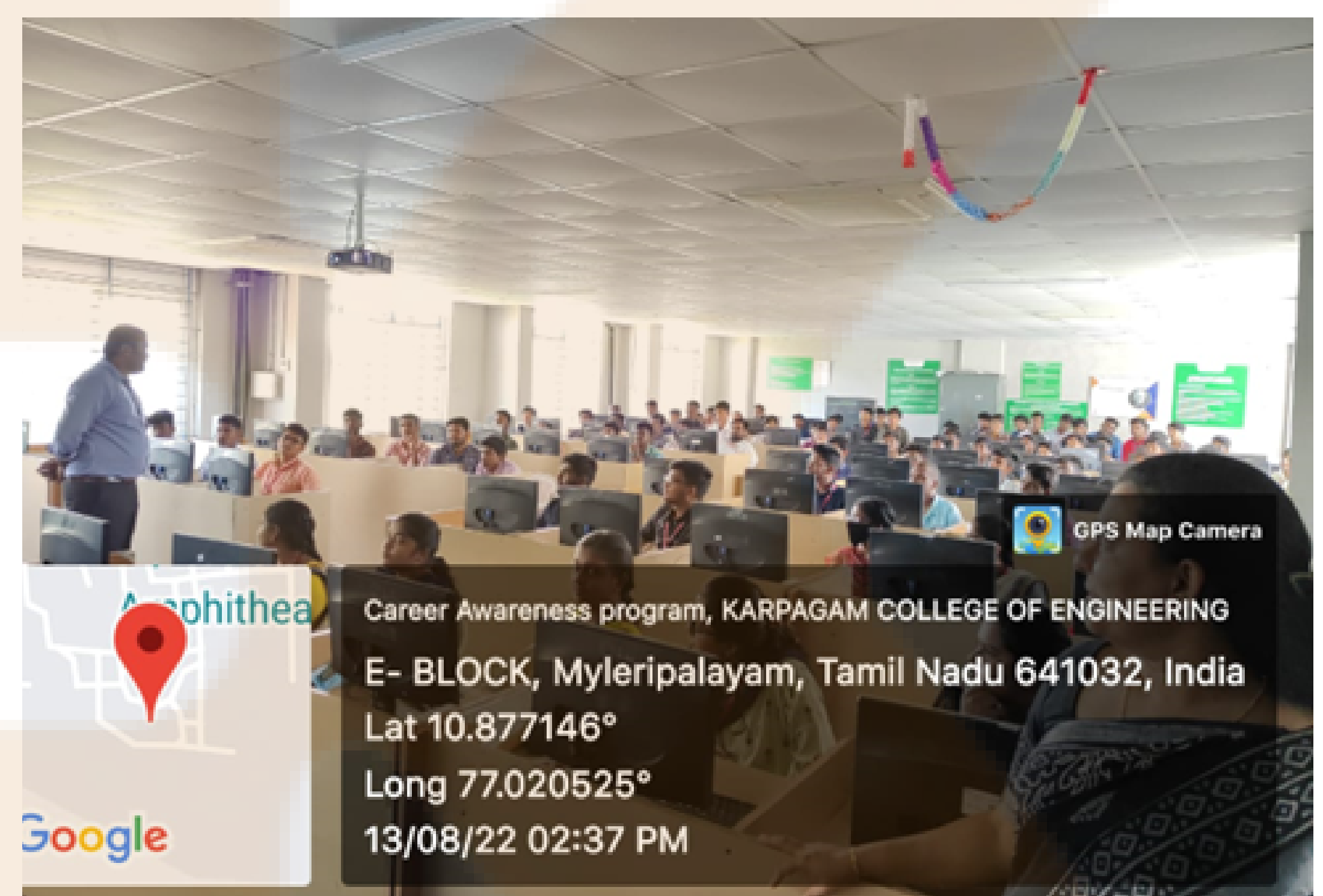


# Electrical and Electronics Engineering

## DEPARTMENT ACTIVITIES

- Organized the Career Awareness Programme to KCEians by KCEians fir II year on 12th August 2022
- Organized the Career Awareness Programme to KCEians by KCEians fir III year on 13th August 2022
- Organized the Career Awareness Programme to KCEians by KCEians fir II year on 13th August 2022
- Organized the Career Awareness Programme to KCEians by KCEians on 20th August 2022
- Organized the Career Awareness Programme to KCEians by KCEians fir III year on 23th August 2022
- Organized a Two days Workshop on “Systematic Knowledge Enrichment Programme on AUTOCAD – Electrical”(SKEP) on 24th and 26th September 2022.
- Organized the Alumni Interaction for III year students on 24th September 2022
- Organized the Alumni Interaction for II year students on 24th September 2022

- Organized the Alumni meet of 2021 batch on 15th October 2022.
- Organized a Value Added Course on "Python for Electrical Sciences" from 26th September to 6th November 2022.
- Organized the Workshop on “Python for Electrical Sciences” on 28th October 2022.
- Conducted the Anti Ragging Awareness programme for II EEE students on 17th November 2022.
- Conducted the Alumni interaction for III EEE students on 24th November 2022.
- Conducted the Alumni interaction for II EEE students on 25th November 2022.

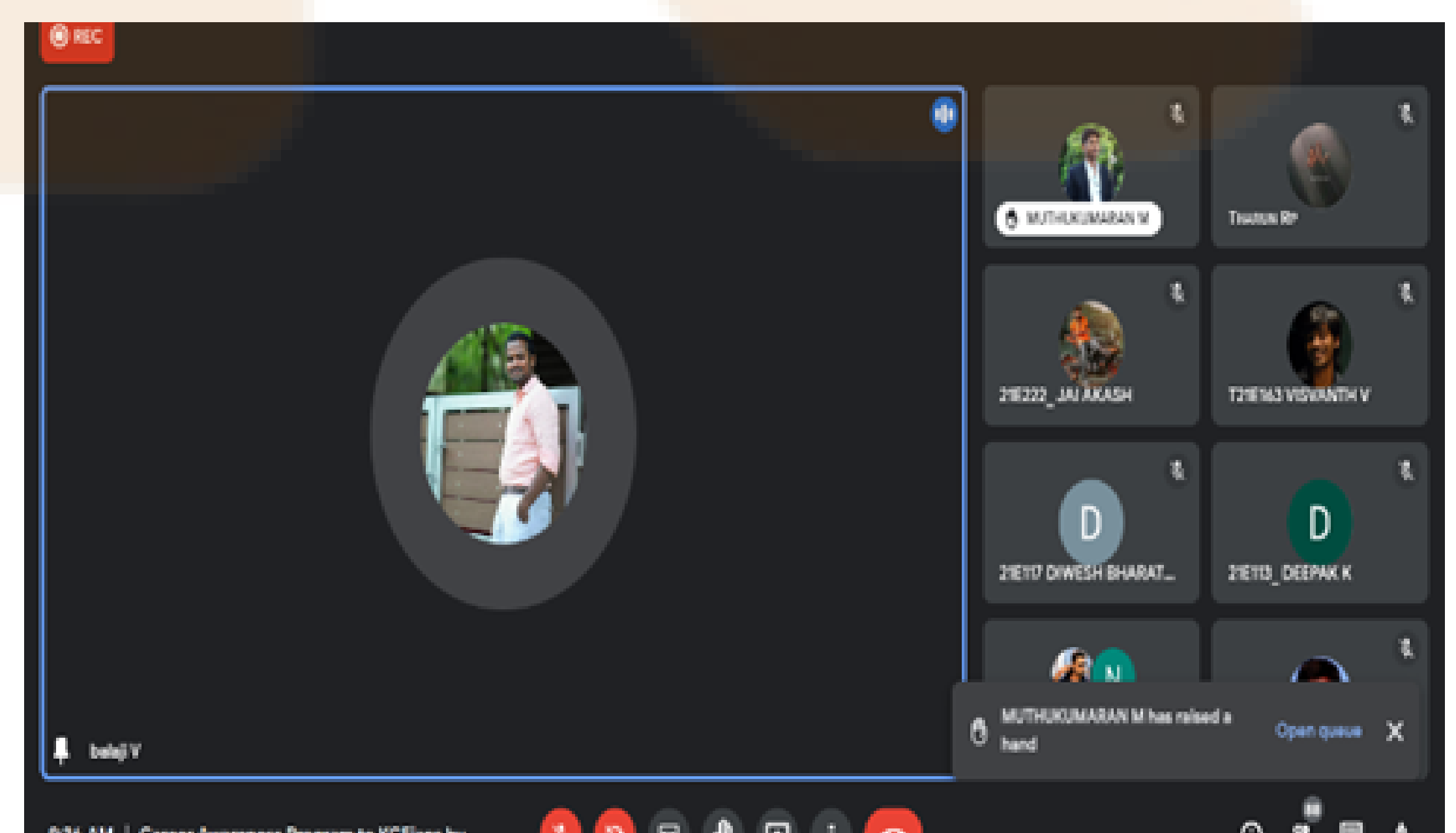


## FACULTY ACHIEVEMENTS

### Journal Publication– International/ National

#### Dr.V.Tamilselvan,Professor

- Published a paper titled “Insulator failure finding system”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2657-2660, 2022.



# Electrical and Electronics Engineering



## Dr.V.Vanitha,Professor

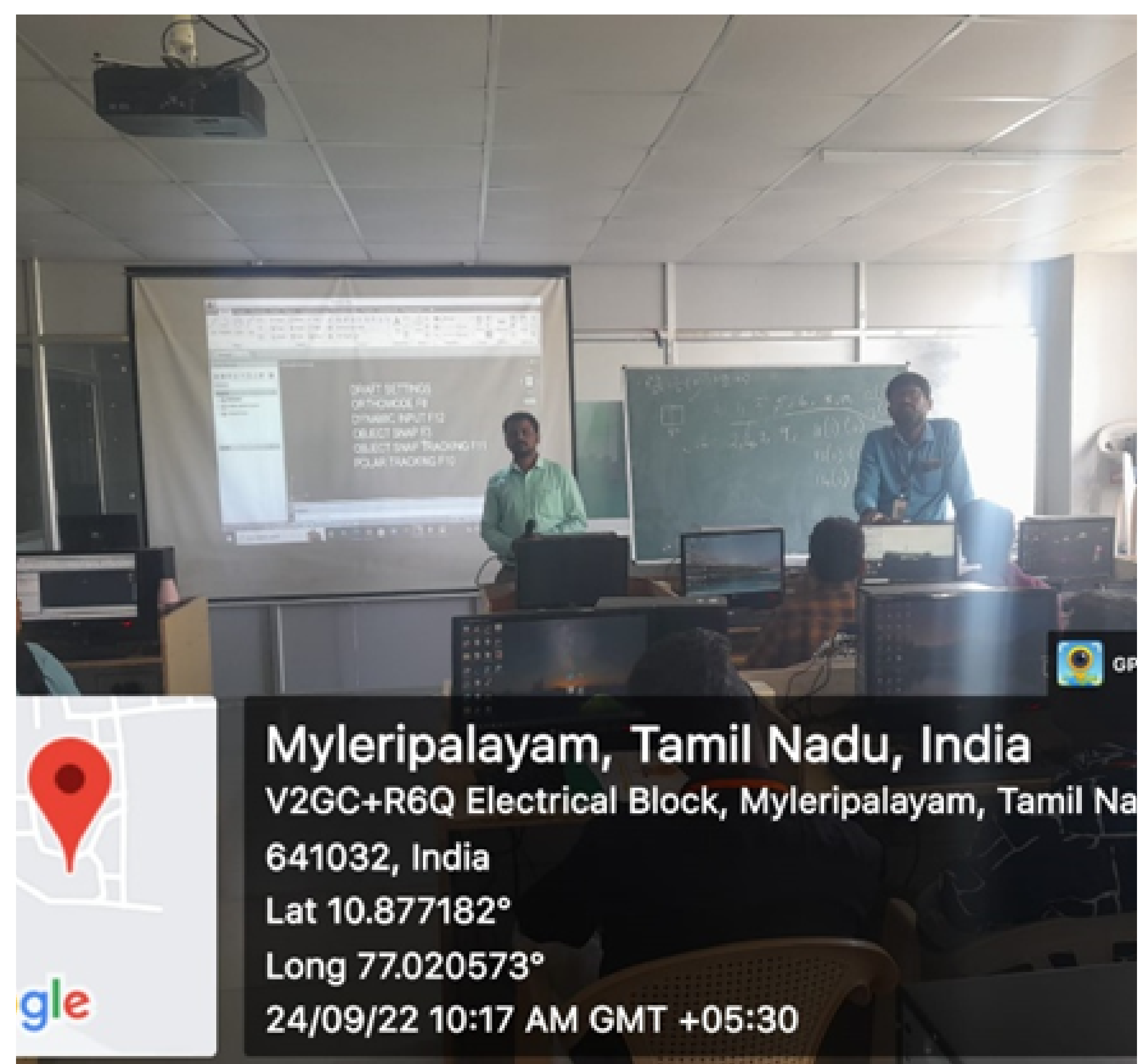
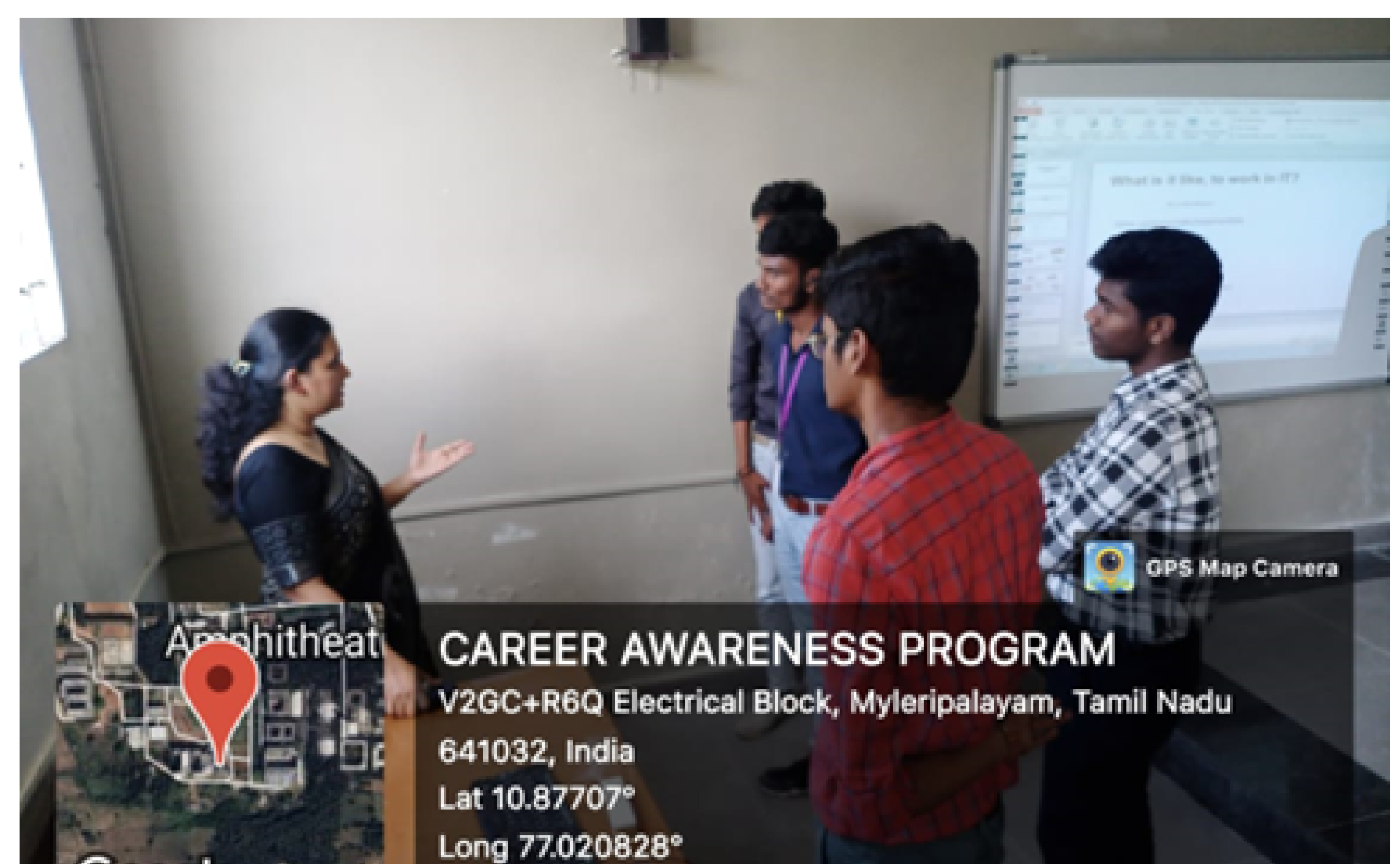
- Published a paper titled “Fabrication and Mathematical Modelling of the Brushless Doubly Fed Induction Generator based wind Electric Conversion System”, Mathematical Problems in Engineering, Vol.2022, Article ID 2998210, 2022.

## Dr.S.Vimalraj, Professor

- Published a paper titled “Design and Implementation of An IOT based Automated Agricultural Monitoring and Control System”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2552-2556, 2022.

## Dr.M.Sivaramkrishnan, Assistant Professor

- Published a paper titled “Biometric based Electric Vehicle with GPS and GSM Technology”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.11, pp 1090-1096, 2022.
- Published a paper titled “GSM based Smart Energy Meter with Optocoupler”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2579-2585, 2022.
- Published a paper titled “ A Certain Investigation of Nanomaterial-Based Li-Ion Batteries for Electrical Vehicles”, Journal of Nanomaterials, Vol.4, No.9, pp 2579-2585, 2022.



# Electrical and Electronics Engineering

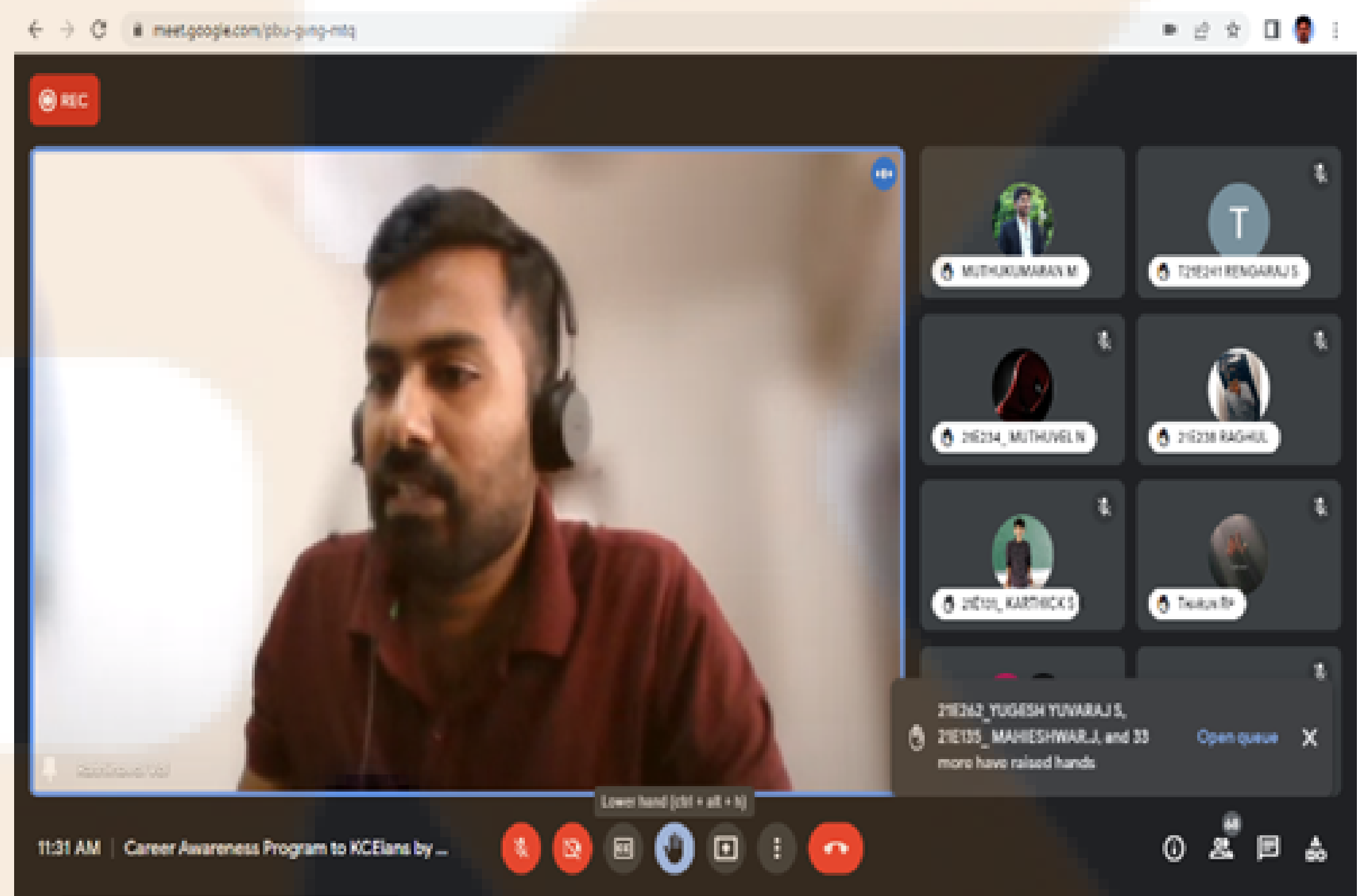


## **Dr.C.S.Sundar Ganesh Assistant Professor**

- Published a paper titled “An Improved Scheduling of Vehicle Routing in Smart Cities by Multiverse Optimization”, Journal Testing and Evaluation, Vol.51, No.3, 2022
- Published a paper titled “Power from Wastes by Incineration”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2576-2578, 2022.
- Published a paper titled “Glucose Trip Bottle Level Indicator”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2572-2575, 2022

## **Mr.V.Govindaraj Assistant Professor**

- Published a paper titled “Industrial Shock Prevention System using IOT”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2595-2602, 2022
- Published a paper titled “Fault Detector in 3 phase supply system using Arduino”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2586-2594, 2022



## **Mr.P.S.Sumy Assistant Professor**

- Published a paper titled “IOT based LPG leakage detection system”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2653-2571, 2022.

## **Mr.P.Palpandian Assistant Professor**

- Published a paper titled “A Study of the World's Minimum Energy Performance Standard for Electric Motors and Drives”, Mathematical Statistician and Engineering Application Vol.71, No.3s, pp 658-674, 2022

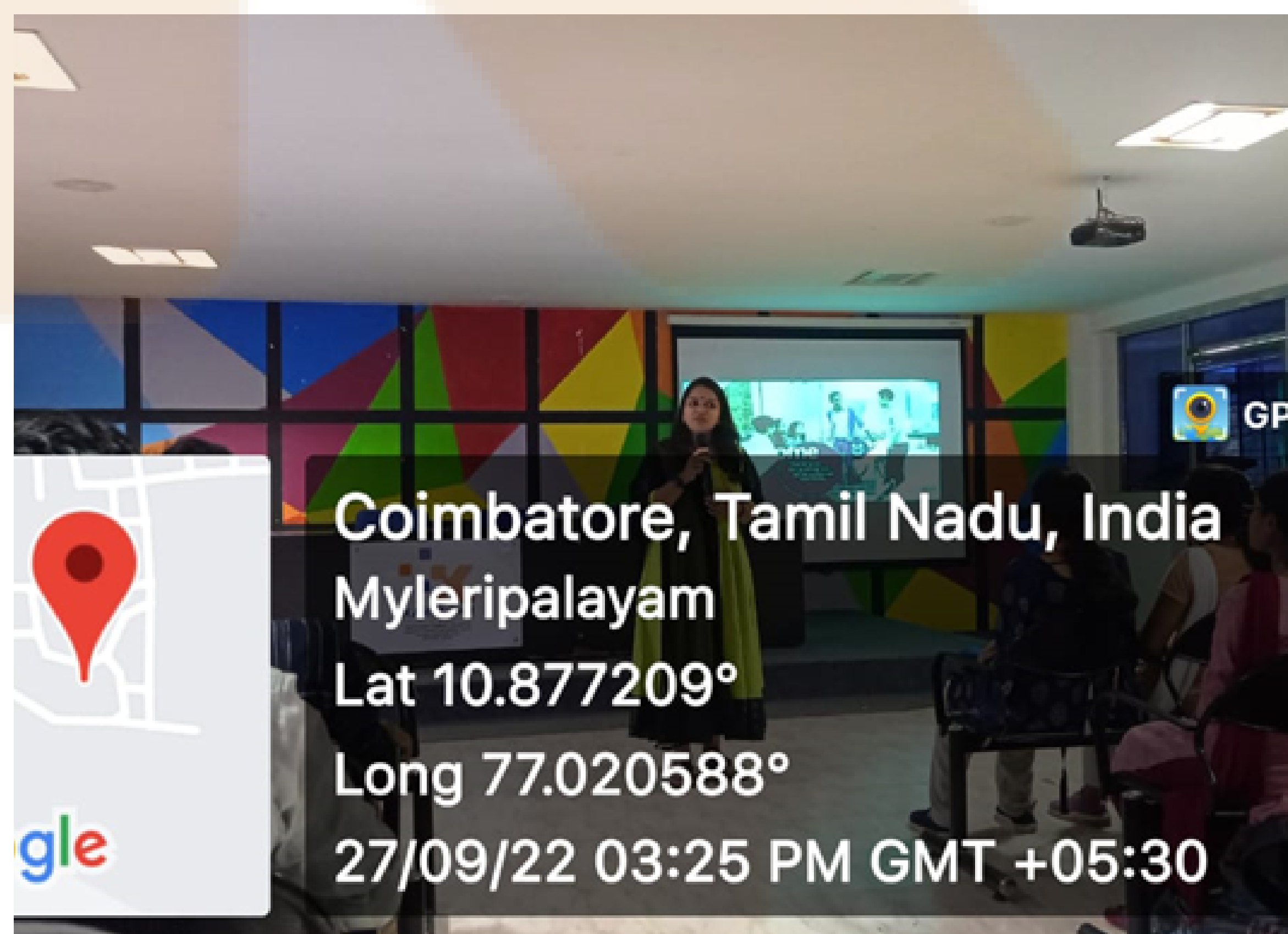
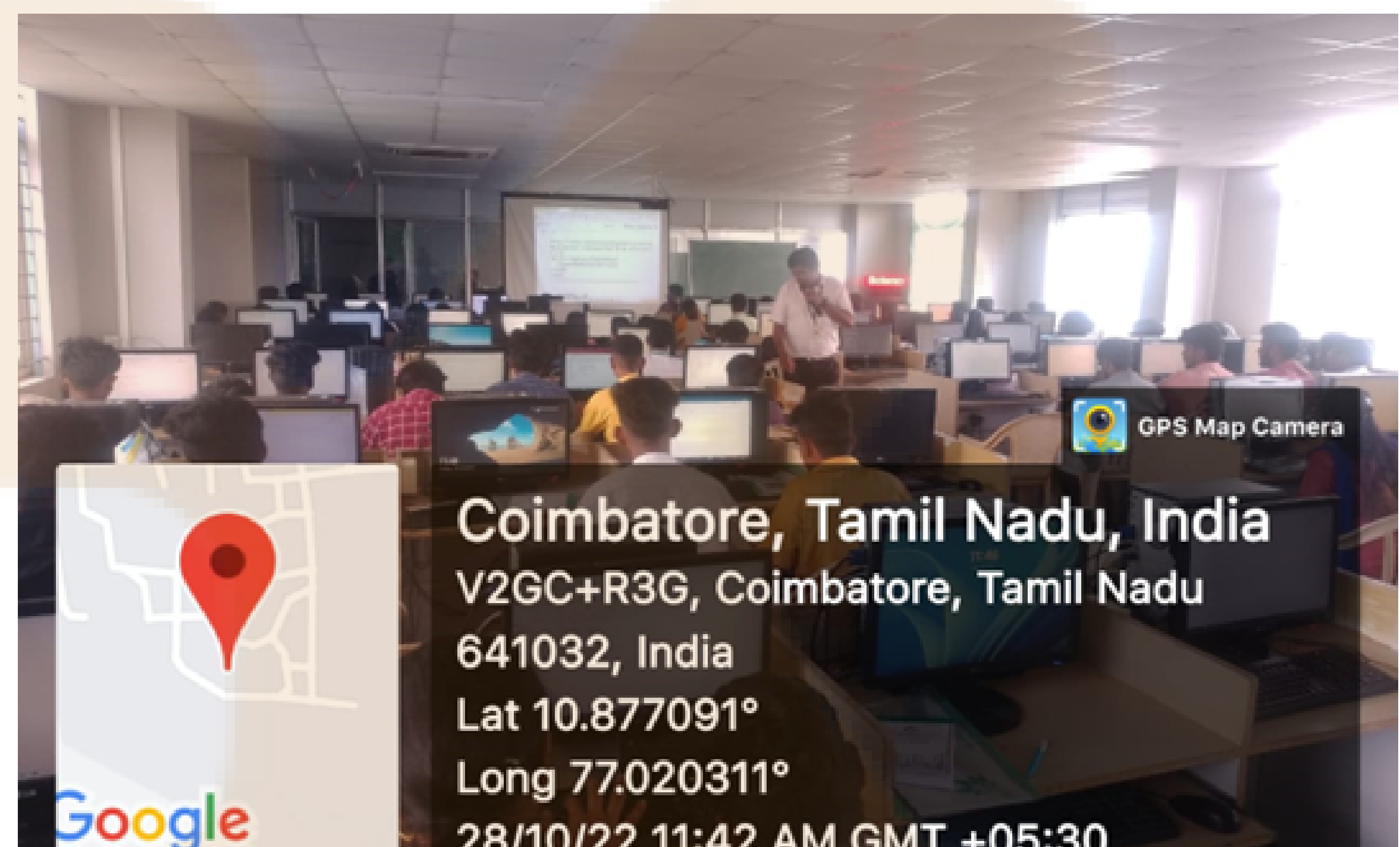
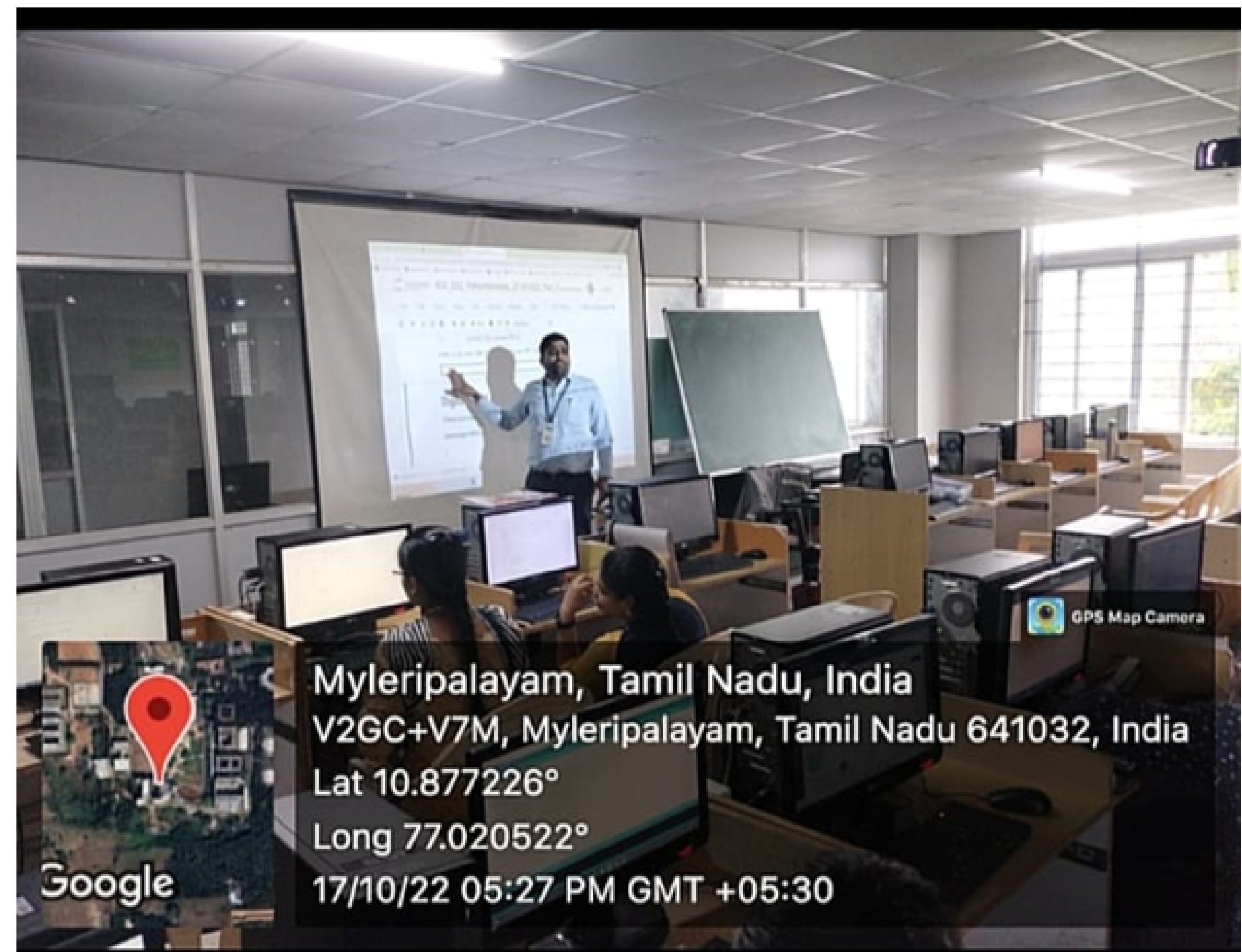
# Electrical and Electronics Engineering

## Mr.P.Gajendran Assistant Professor

- Published a paper titled "IOT based Disease and Quality Identification of Tomato Leaf using Image Processing", International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2609-2613, 2022.
- Published a paper titled "IOT based Health care system for Elderly People", International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2603-2608, 2022.

## Mr.R,Vidyalakshmi Assistant Professor

- Published a paper titled "Vehicle to Vehicle imparting system using wireless optical networking technology", International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2557-2562, 2022.
- Published a paper titled "Automated Solar Powered Lawn Mower using IOT", International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.11, pp 1082-1089, 2022.



## Mrs.A.Anci Manon Mary Assistant Professor

- Published a paper titled "IOT based Voting Machine", International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2609-2613, 2022.

# Electrical and Electronics Engineering



## Paper Presentation– International/National conferences

### **Dr.V.Tamilselvan,Professor**

- Presented a paper titled “A current controller for wind turbine generator with permanent magnet synchronous includes matrix converter being implemented to an adjustable speed VAWT using SVPWM”, in the AIP Conference Proceedings Vol.2519 No.1, pp 050055, 2022

### **Dr.V.Vanitha,Professor**

- Presented a paper titled “Intuitionistic fuzzy time series forecasting model: Aesthetic approach on temperature prediction”, in the AIP Conference Proceedings Vol.2473 No.1, pp 020014, 2022

### **Mrs.P.Gajendran, Assistant Professor**

- Presented a paper titled “Design and Implementation of Low Cost Energy Meter using MIT App Inventor” in the International Conference on Artificial Intelligence for Smart Community, Lecture notes in Electrical Engineering, Vol.758,2022.

### **Mrs.S.R.Sruthi Assistant Professor**

- Published a paper titled “Portable soil tester for Agriculture”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.11, pp 1102-1105, 2022.
- Published a paper titled “RFID and Face recognition based attendance system”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.11, pp 1096-1101, 2022.
- Published a paper titled “Simple and Effective Digital control of a variable speed low inductance BLDC Motor Drive”, International Research Journal of Modernization in Engineering Technology and Science Vol.4, No.9, pp 2661-2666, 2022.

### **Dr.C.S.Sundar Ganesh, Assistant Professor**

- Presented a paper titled “Retrieval of Power from Regenerative Braking During Rapid Deceleration” in the 2022 3rd International Conference on Smart Electronics and Communication (ICOSEC) ,I EEE Xplore,doi: 10.1109/ICOSEC54921.2022.9951897, October 2022.
- Presented a paper titled “Nanobots Uploading the human brain” in the AIP Conference Proceedings Vol.2518, No.1, pp 050002, 2022

### **Mrs.R.Vidyalakshmi,Assistant Professor**

- Presented a paper titled “An effective implementation of a three phase multilevel inverter for electric vehicle” in the AIP Conference Proceedings Vol.2519, No.1, pp 050061, 2022

# Electrical and Electronics Engineering

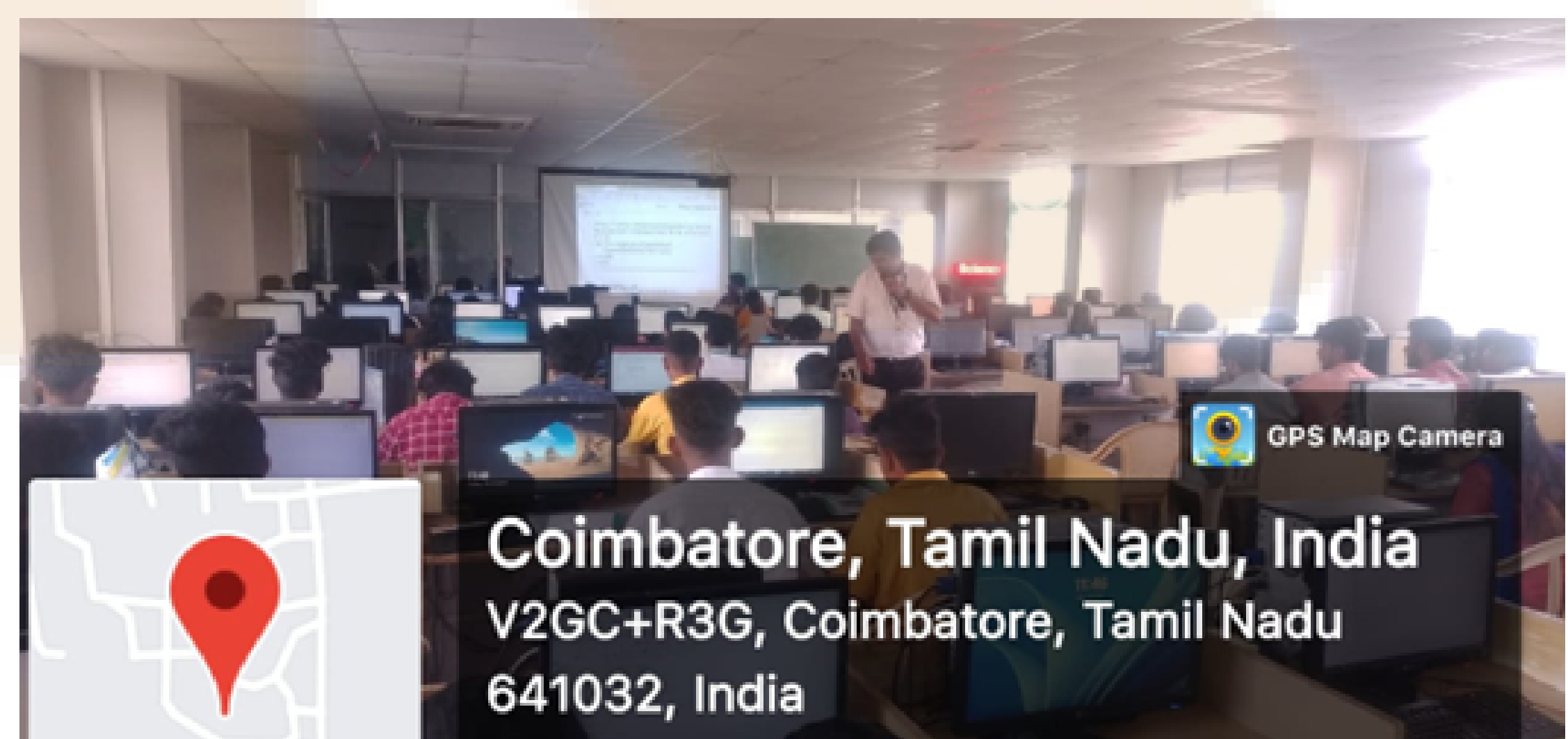
## Seminar / Workshop / FDPs / STTPs – Presented / Attended

- Dr.C.S.Sundar Ganesh attended online Five Day FDP on “EC8701 Antennas and Microwave Engineering” from 18th to 23rd July 2022.
- Dr.C.S.Sundar Ganesh attended online Five Day International FDP on “The Role of Artificial Intelligence in Renewable Energy Applications” from 1st to 5th August 2022.
- Dr.C.S.Sundar Ganesh attended AICTE Recognized FDP on “LabVIEW Programming” from 8th to 12th August 2022.
- Mr.P.Gajendran attended the Five day ATAL FDP on “Designing and Modeling of IOT, AI & ML Systems” from 1st to 5th August 2022.
- Mr.P.Gajendran attended the Five day FDP on “Real Time Applications of OPAL-RT for Smart Grids”, from 17th to 21st October 2022.
- Dr.C.S.Sundar Ganesh attended NPTEL AICTE FDP on “System Design through Verilog” from 1st July to 30th Sep 2022.
- Dr.M.Sivaramkrishnan attended NPTEL AICTE FDP on “Solar Energy Engineering and Technology” from 1st July to 31st October 2022.
- Dr.M.Sivaramkrishnan attended NPTEL AICTE FDP on “Deep Learning” from 1st July to 31st October 2022.
- Mr.P.Gajendran attended NPTEL AICTE FDP on “Embedded System Design with Arm” from 1st July to 30th Sep 2022.
- Ms.A.Anci Manon Mary attended the five day FDP on “Accreditation and Outcome Based Learning” from 1st October to 31st October 2022.

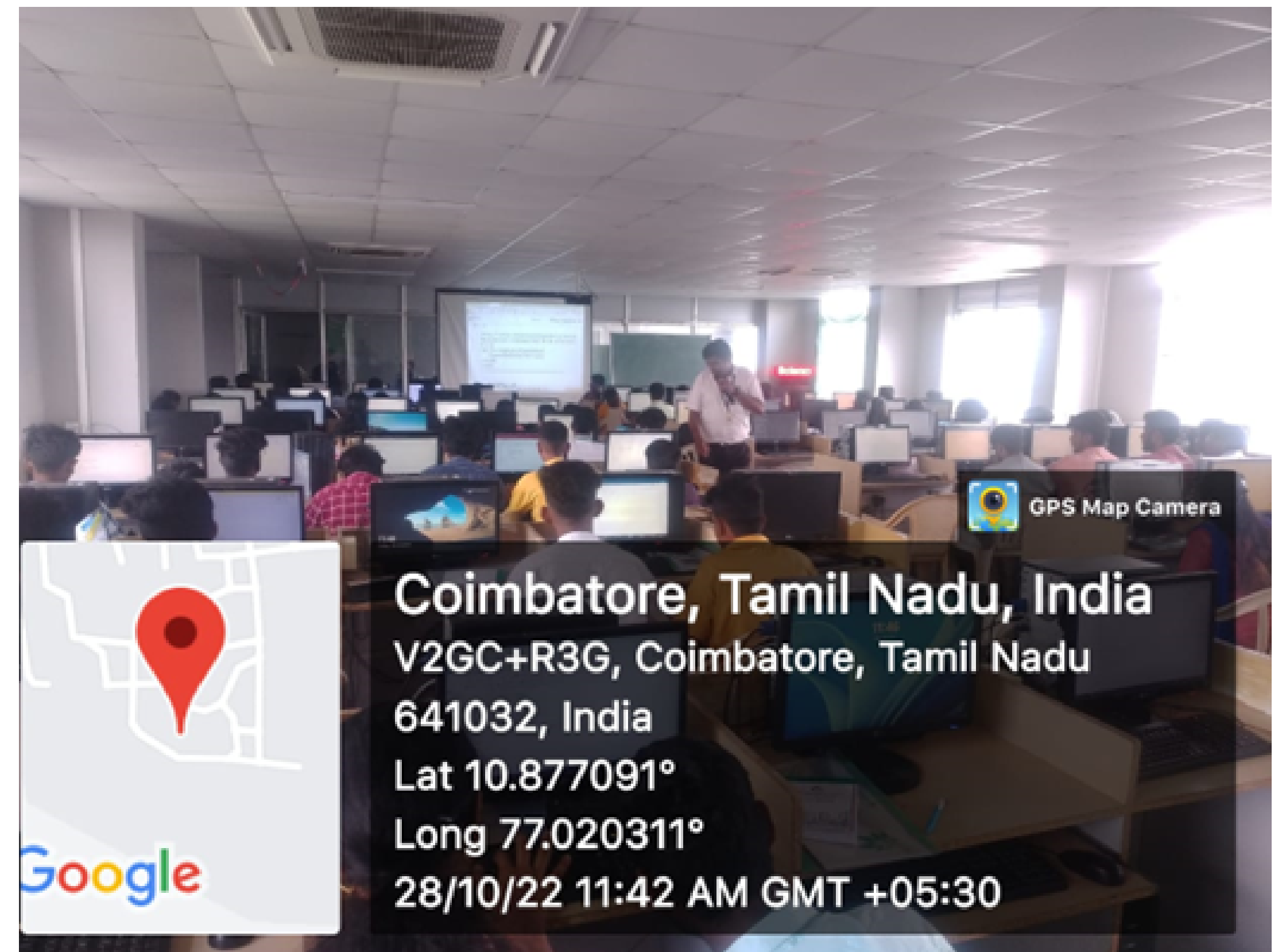
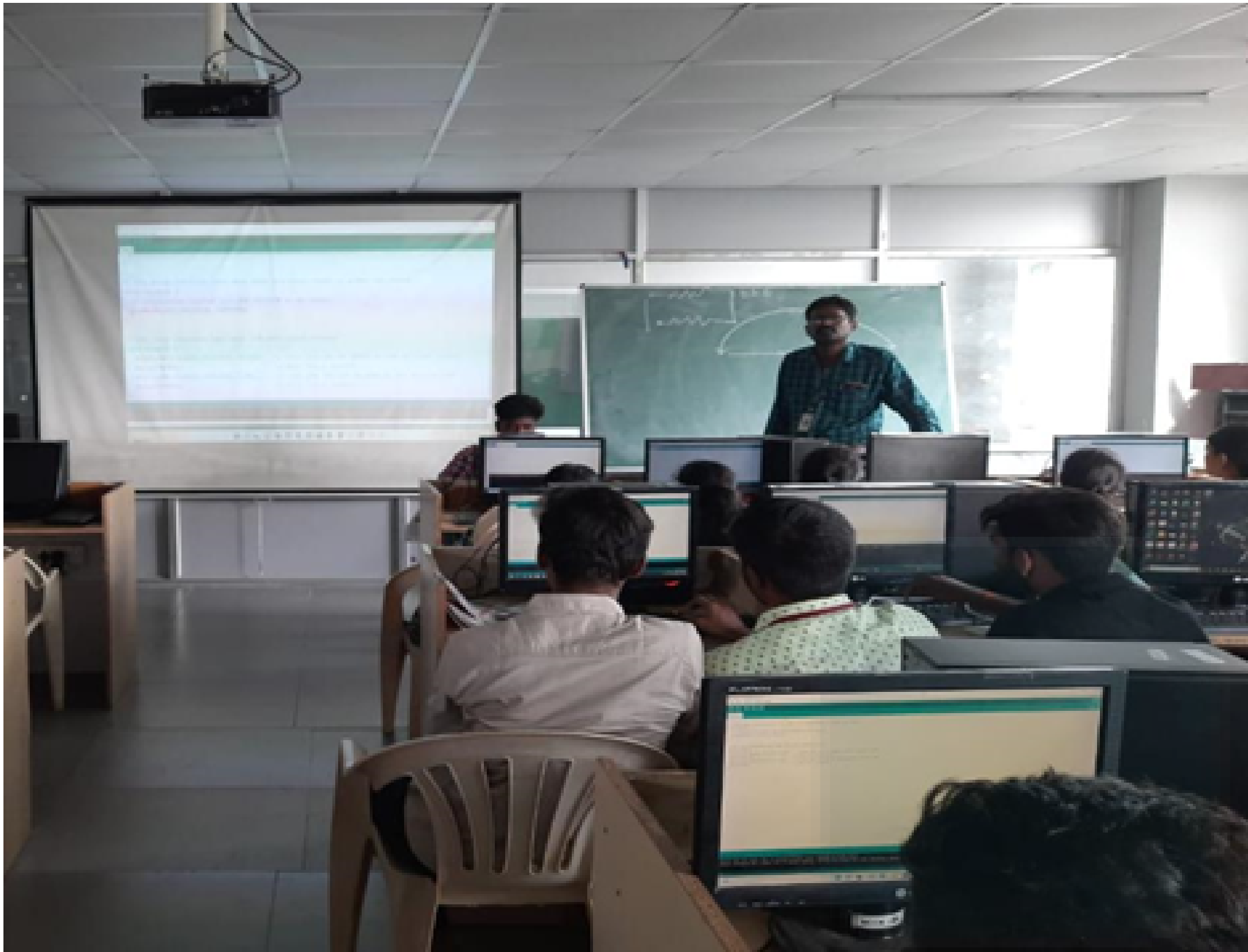
- Mr.P.Palpandian attended Five day FDP on “The Role of Artificial Intelligence in Renewable Energy Applications”, from 1st to 5th August 2022.
- Mr.V.Govindaraj attended Five day FDP on “The Role of Artificial Intelligence in Renewable Energy Applications”, from 1st to 5th August 2022.
- Dr.V.Vanitha attended Five day FDP on “Power Systems and Control”, from 26th to 30th September 2022.
- Mrs.R.Vidyalakshmi attended Five day FDP on “The Role of Artificial Intelligence in Renewable Energy Applications”, from 1st to 5th August 2022.
- Dr.V.Vanitha attended Five day FDP on “Ee8501-Power System Analysis”, from 11th to 17th July 2022.

## FACULTY ACHIEVEMENTS

- Dr.M.Sivaramkrishnan was awarded the “Best Researcher Award” by VDGGOOD Professional Association in 31 Aug 2022.
- Dr.C.S.Sundar Ganesh was awarded the “Global Eminent Researcher Award” by VIJTRUST Association in 28 Dec 2022.

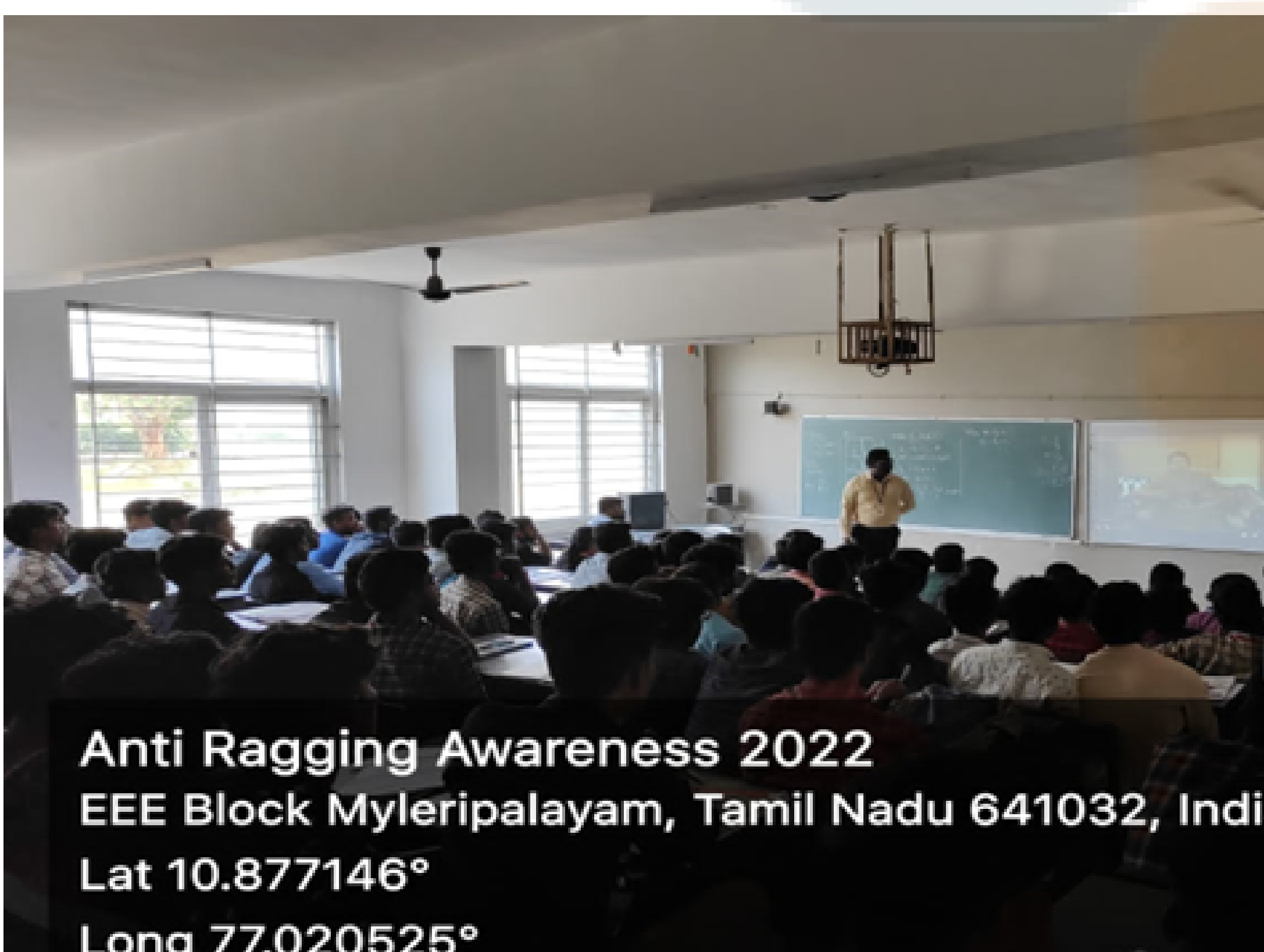


# Electrical and Electronics Engineering



## STUDENTS ACHIEVEMENTS Co-Curricular Activities

- S Reema Mansoor and D Suryavadhani of III EEE Won the second prize in Techno talk Technical event held in Mahendra College of Engineering, Salem on 23rd September 2022.
- Sheron Jeno of II EEE won in the Paper Presentation contest held in Hindusthan College of Engineering Coimbatore on 9th September 2022.



Anti Ragging Awareness 2022  
EEE Block Myleripalayam, Tamil Nadu 641032, India  
Lat 10.877146°  
Long 77.020525°