



DEPARTMENT OF ROBOTICS AND AUTOMATION

ACADEMIC YEAR (2024-25)

June 2024 -Feb 2024

Staff Activities

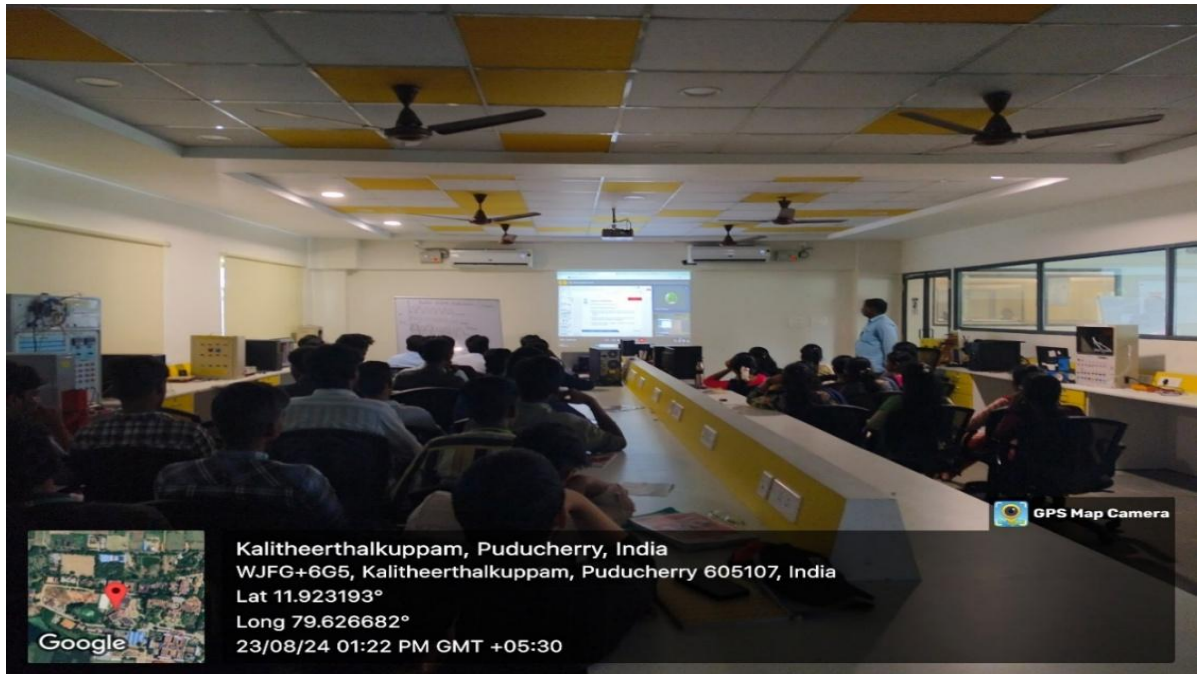
- Dr. V. Govindan, HoD /RA, attended 5 Days FDP titled “UiPath Robotics Process Automation” organized by Mailam Engineering College from 16.12.2024-20.12.2024.
- Dr. V. Govindan, HoD /RA, attended 6 Days FDP titled “Design for Manufacturing & Advanced Automation for Industry 4.0 in ATAL” organized by SMVEC from 20.01.2025-25.01.2025.
- MS.D.Jasmine Susila, AP/RA, attended 5 Days FDP titled “UiPath Robotics Process Automation” organized by Mailam Engineering College from 16.12.2024-20.12.2024.
- MS.D.Jasmine Susila, AP/RA, attended 6 Days FDP titled “Design for Manufacturing & Advanced Automation for Industry 4.0 in ATAL” organized by SMVEC from 20.01.2025-25.01.2025.
- Mrs. JV. Peshap, AP/RA, attended 6 Days FDP titled “Outcome-Based Education”, organized by Internal Quality Assurance Cell, Manakula Vinayagar Institute of Technology from 11.11.2024-16.11.2024.
- Mrs. JV. Peshap, AP/RA, attended 5 Day’s PDP titled “Programmable Logic Controls”, organized by NITTTR, Chennai, from 22.07.2024-26.07.2024.
- Mrs. JV. Peshap, AP/RA, attended 5 Day’s PDP titled “ICT For Teaching And Learning”, organized by NITTTR, Chennai, from 10.06.2024-14.06.2024.
- Mrs. JV. Peshap, AP/RA, attended 5 Day’s PDP titled “Robotics and Mechatronics for Industrial Automation”, organized by NITTTR, Chennai, from 10.06.2024-14.06.2024.
- Mrs. JV. Peshap, AP/RA, attended 6 Days FDP titled “Design for Manufacturing & Advanced Automation for Industry 4.0 in ATAL” organized by SMVEC from 20.01.2025-25.01.2025.
- Mrs.D.Dharini, AP/RA, attended 5 Days FDP Titled “Microsoft Azure AI Engineer Associate”, organized by ICT Academy from 01.07.2024 to 05.07.2024
- Mrs.D.Dharini, AP/RA, attended 6 Days Faculty induction program organized by Internal Quality Assurance Cell from 08.07.24-13.07.24.
- Mrs.D.Dharini, AP/RA, attended 6 Days PDP on “ICT tools for Interactive Teaching and Learning”, organized by Internal Quality Assurance Cell, MIT from 22.07.24-27.07.24.
- Mrs.D.Dharini, AP/RA, attended 6 Days FDP titled “Outcome-Based Education”, organized by Manakula Vinayager Institute of Technology from 11.11.2024-16.11.2024.
- Mrs.D.Dharini, AP/RA, attended 6 Days FDP titled “Design for Manufacturing & Advanced Automation for Industry 4.0 in ATAL” organized by SMVEC from 20.01.2025-25.01.2025.

- Mrs.T.Sudha, AP/RA, attended 6 Days Faculty induction program organized by Internal Quality Assurance Cell from 08.07.24-13.07.24.
- Mrs.T.Sudha, AP/RA, attended 6 Days PDP on “ICT tools for Interactive Teaching and Learning”, organized by Internal Quality Assurance Cell, MIT from 22.07.24-27.07.24.
- Mrs.T.Sudha, AP/RA, attended 6 Days FDP titled “Outcome-Based Education”, organized by Manakula Vinayager Institute of Technology from 11.11.2024-16.11.2024.
- Mrs.T.Sudha, AP/RA, attended 6 Days FDP titled “Design for Manufacturing & Advanced Automation for Industry 4.0 in ATAL” organized by SMVEC from 20.01.2025-25.01.2025.
- Mrs.T.Sudha, AP/RA, attended a session on “Strategic Planning and Implementation for Academic Excellence”, organized by Internal Quality Assurance Cell, MIT on 28.01.2025.

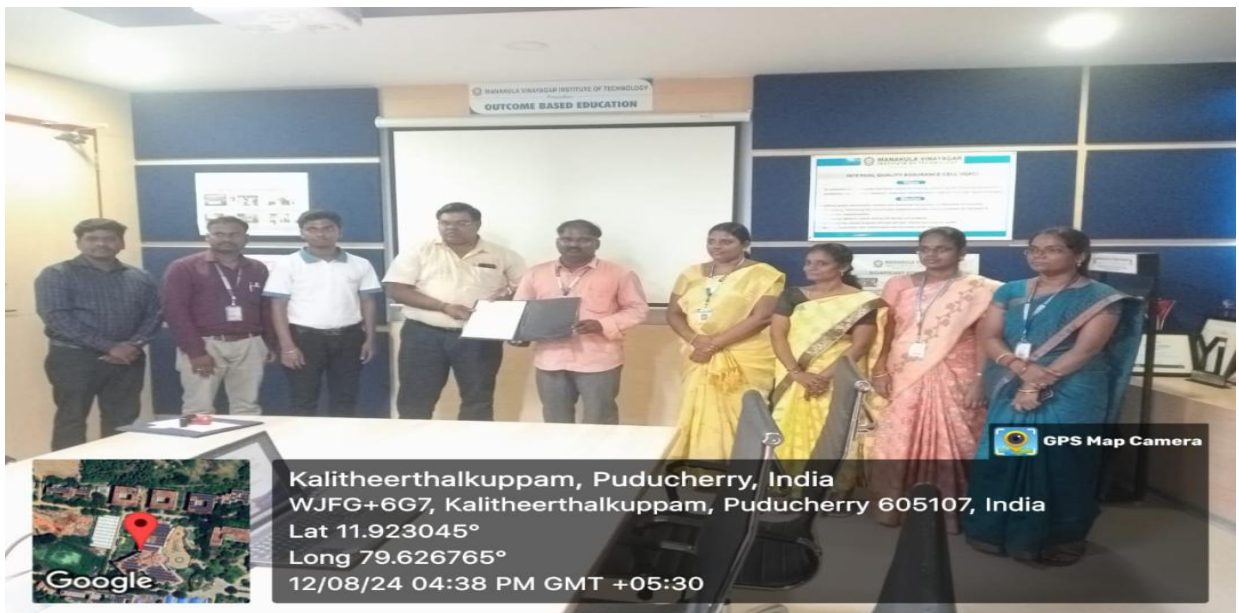
Department Activities:



Department of Robotics and Automation organized Lecture on “Robotics, Drones and Embedded Systems” delivered by Mr.R.Gowtham, Associate Robotics Engineer, Britewisssn Training Academy, for Robotics and Automation students on 12th August 2024.



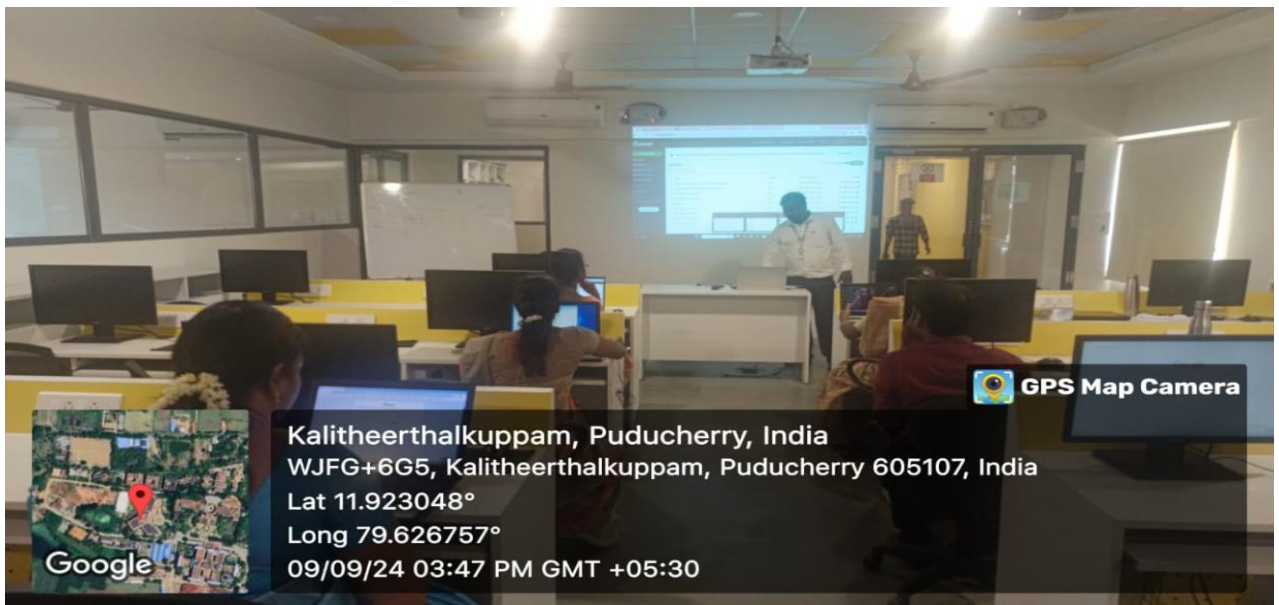
Department of Robotics and Automation organized Lecture on “Robotics, Drones and Embedded Systems” delivered by Dr. N.Mahendran, Professor & HOD , Department of EEE , Saintgits College of Engineering , Kerala, for Robotics and Automation students on 23rd August 2024.



Department of Robotics and Automation signed an MoU with BRITE WISSEN TRAINING ACADEMY, CHENNAI on 12th August 2024.



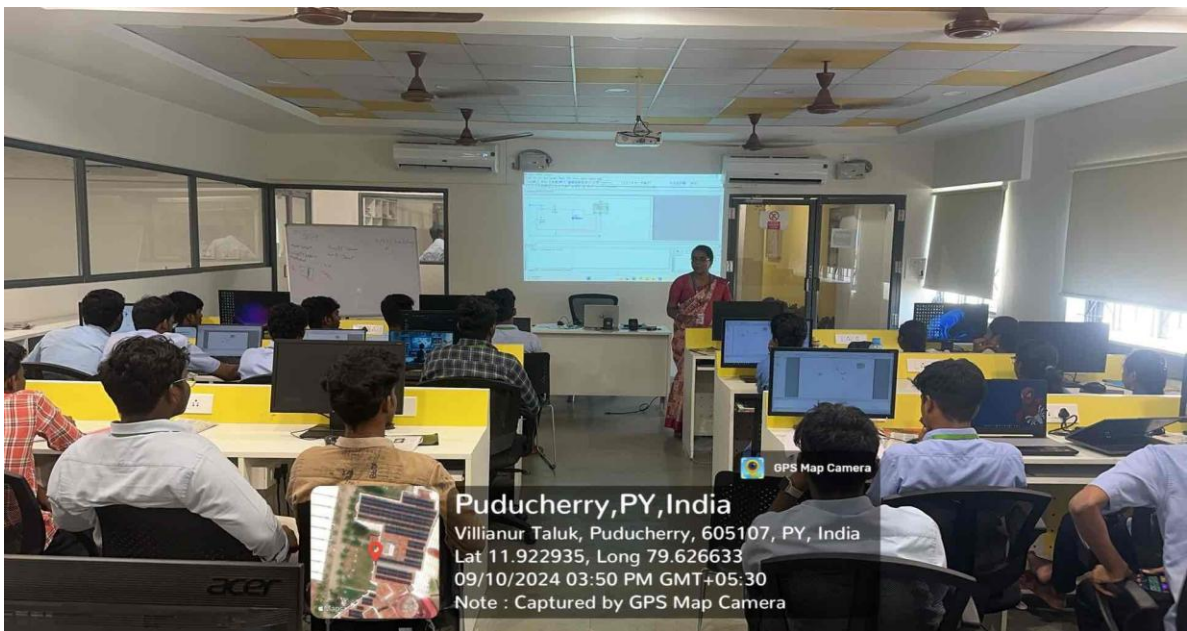
Department of Robotics and Automation organized EDC Session on “NextGen Innovators: The Startup Skillset Program” delivered by Mr. K.Arul Prabhakar ,Senior Vice President - Sales & Marketing, CADD Centre Training Services Pvt. Ltd. for RA Students on 6th September 2024.



Dr.V.Govindan,ASP/RA,Handled a research seminar titled”Elevating scientific Manuscript Preparation through Overleaf Collaboration” for RA Faculty members on 9th September 2024.



Mr. A.Baskaran, AP/RA, Handled an internal Workshop on “Hands-on Training with PLC Controller” for II Year RA Students on 3rd September 2024.



Mrs. J. V. Pesha, AP/RA delivered an internal workshop on “Design of electronic circuits using Multisim” for II-Year RA Students on 9th October 2024.



Department of Robotics and Automation organized industry visit for II/RA To Aerobiosys Innovations Private Limited on 18th October, 2024.



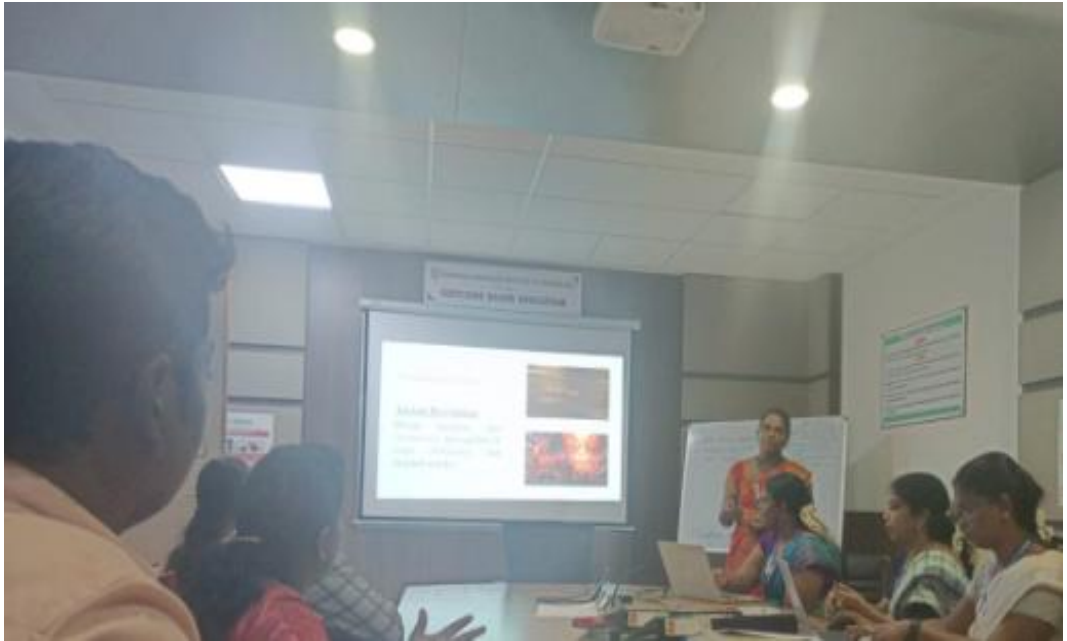
Mrs. JV.Pesha, Assistant Professor, R&A Conducted IKS Quality Improvement Program on the topic "Bridging Eras: Ancient Indian Science and Modern Innovation" on 10th August 2024.



Mrs. T. Sudha, AP/RA delivered the Quality Improvement Program for the Second Year Robotics & Automation students titled “Interactive virtual Lab for sensors and Instrumentation Hands-On Exploration” on 9th September 2024.



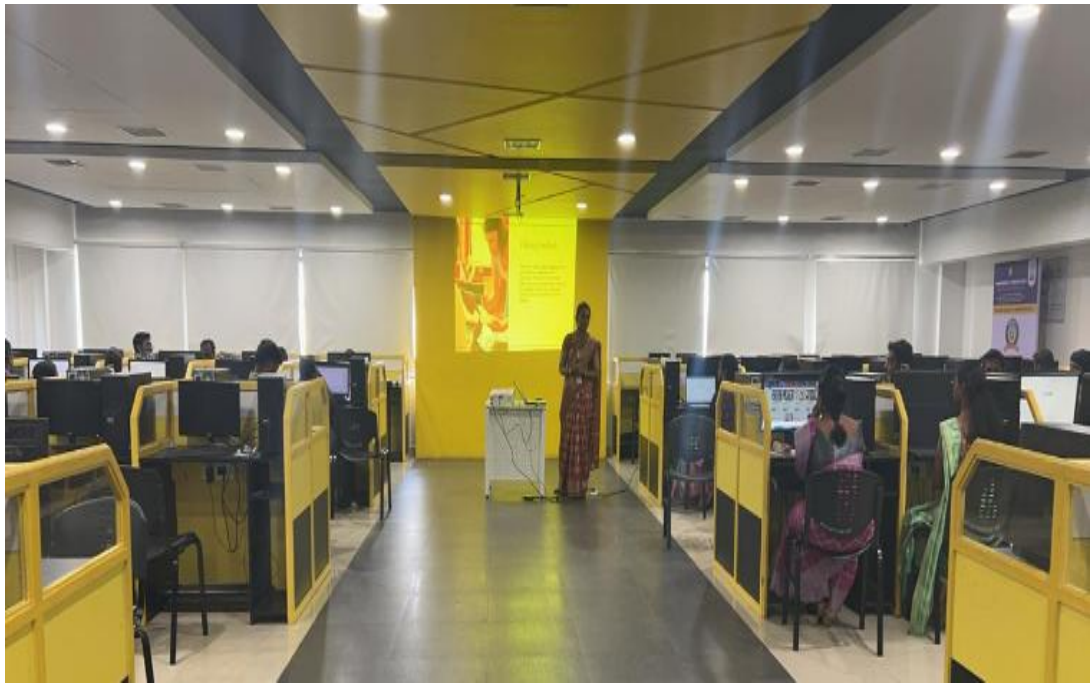
Mrs. JV. Pasha, AP/R&A, conducted Quality Improvement Program for the Second Year Robotics & Automation students titled “Design of Electronic Circuits Using Multisim” on 10.09.2024.



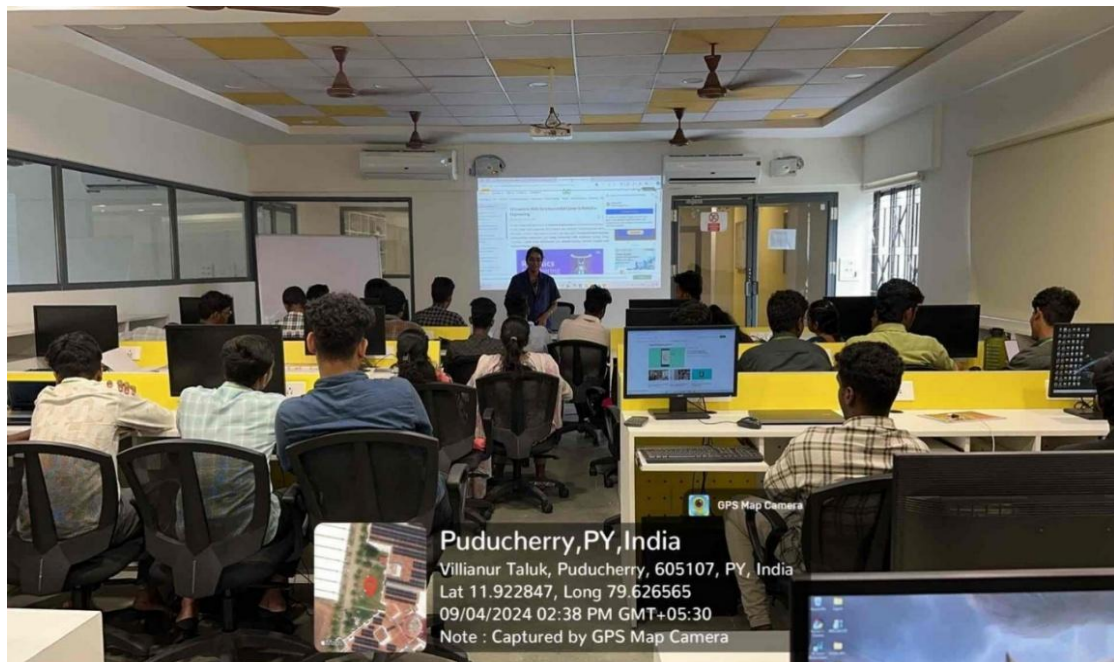
Mrs. JV.Pesha, Assistant Professor, R&A delivered the session on IKS CONNECT – SERIES I titled "Echoes of the Past: Ancient Indian Knowledge in Modern Technology" on 3rd August 2024.



Mrs. D. Dharani, AP/RA delivered the session on "Mathematics: The Foundation of Engineering" titled "Mathematical Approach on Robotics and Automation" on 13th August 2024.



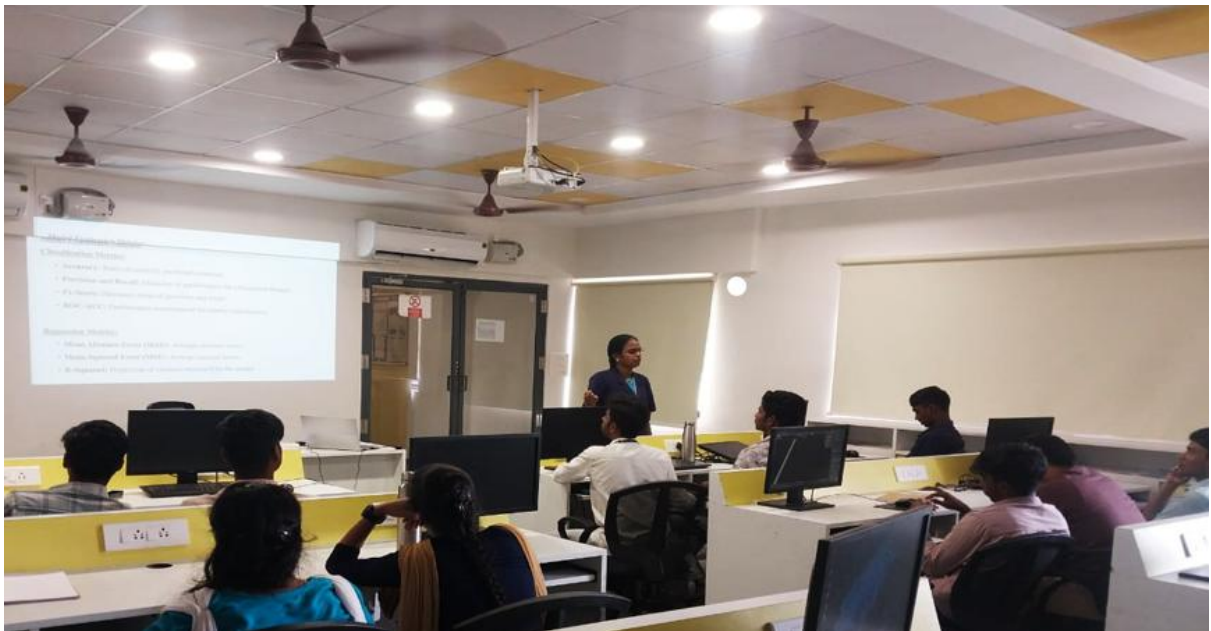
Mrs. JV.Pesha, Assistant Professor, R&A delivered a Session on Professional Development Program titled "KAHOOT" on 28th August 2024.



Mrs. JV. Pesha, AP/R&A, conducted a CGC program for II-Year R&A students titled "From Classroom to Career: Engineering the Path to Success" on 4th September 2024.



Mrs. D. Dharani, AP/RA delivered the Career Guidance session titled “Steering Success: A Comprehensive Guide to UPSC and SSC” for Second year to Final Year Robotics & Automation students on 5th September 2024.



Mrs. D. Dharani, AP/RA delivered the technical session for the Final Year Robotics & Automation students titled “Machine Learning” on 27th September 2024.



Ms. D. Jasmine Susila, AP/RA delivered the technical session for the Final Year Robotics & Automation titled “Digital Electronics” on 27th September 2024.



Mrs. J.V.Pesha, AP/RA delivered the technical session for the Final Year Robotics & Automation students titled “Analog Electronics” on 27th September 2024.



Mr. A. Baskaran, AP/R&A conducted a Workshop on “on 'Dobot,' 'Line Follower,' and 'Welcome Bot'” at Govt High School [CSBE] - Kombakkam on 14th October 2024.



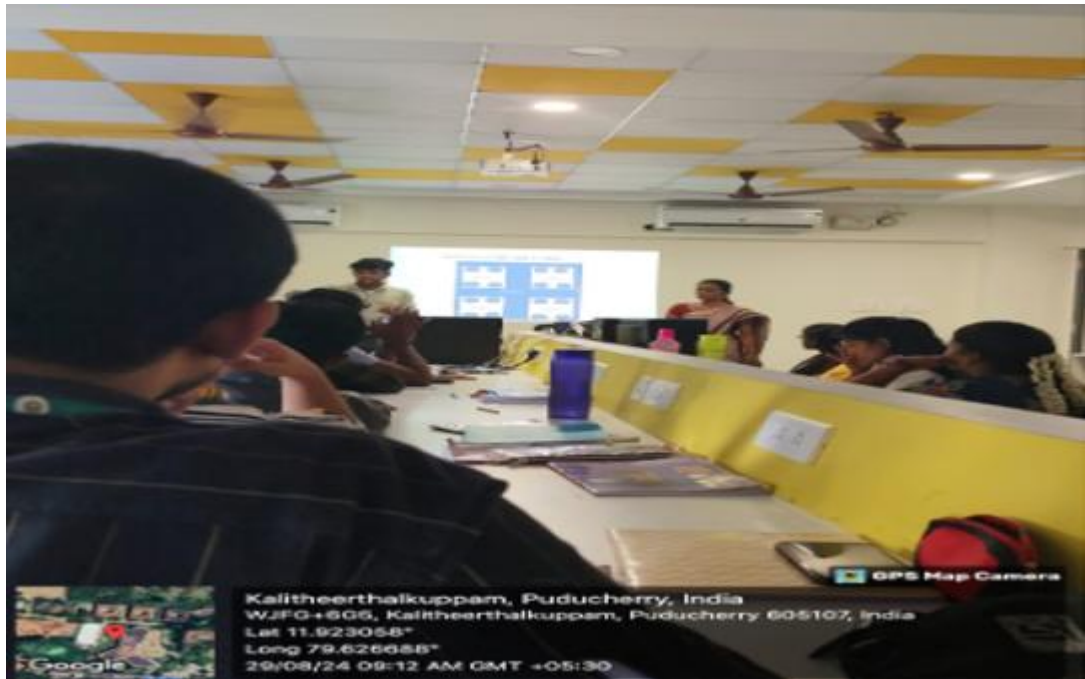
Mrs.T.Sudha/AP/R&A conducted a Workshop on “Robotic Applications” at Government Higher Secondary School, Kanai, Tamil Nadu. on 14th November 2024.



Department of Department of Robotics and Automation organized a Technical Quiz on “world students day” for RA Students on 17th October 2024.



Mrs. D. Dharani, AP/RA delivered the special lecture on the topic “Machine Learning on Embedded Systems” for the III Year RA students on 28th August 2024.

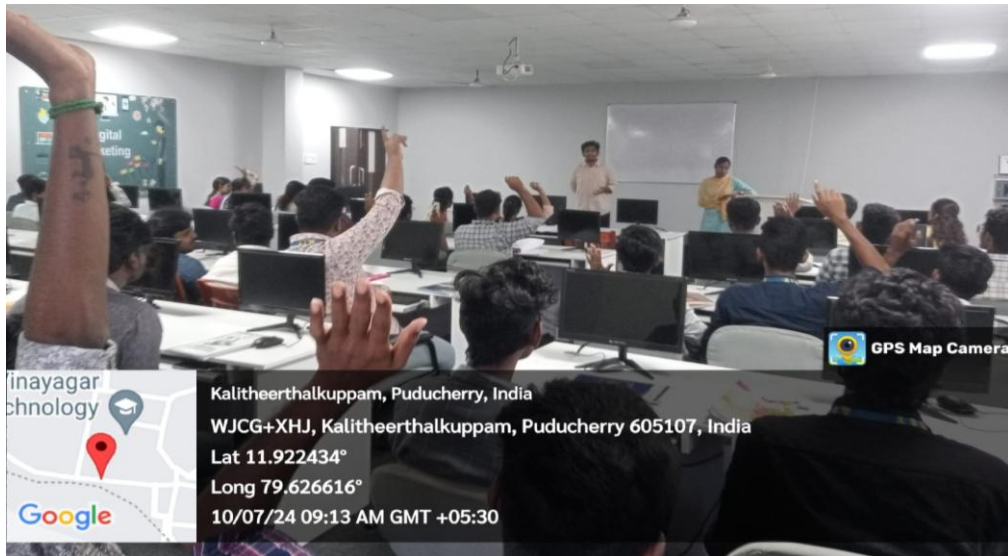


Mrs.T.Sudha, AP/RA Handled a special Lecture on Title "Navigational Intelligence: Exploring SLAM and Kalamn Filter for III YEAR RA Students on 29th August 2024.



Mrs. JV. Pesha, AP/RA Handled a special Lecture on Title "Six Sigma Tools" for IV YEAR RA Students on 6th July 2024.

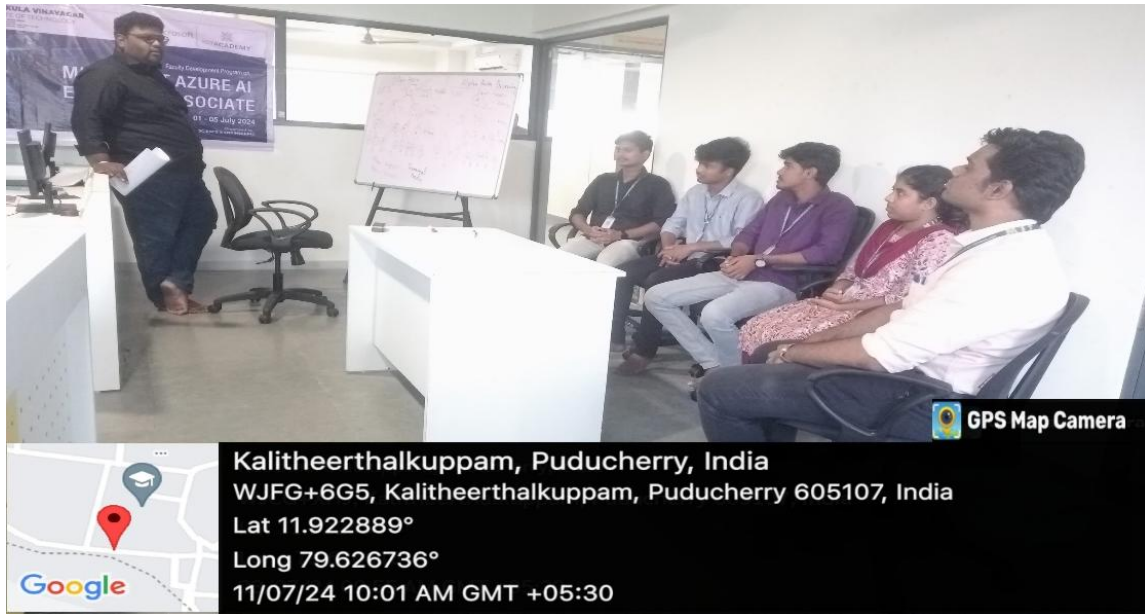
Alumni Activates:



Session on “CRAFTING THE PERFECT RESUME: A STEP-BY-STEP GUIDE” by Mr. Athiyan. S and Ms. Ilanthamizh. K, Alumni of RA of batch 2020-2024 was arranged for IV year – RA students on 10th July, 2024.



Session on “BREAKING BARRIERS: TECHNIQUES FOR SUCCESSFUL GROUP DISCUSSIONS” by Mr. A. Jagadesh, Alumni of RA of batch 2020-2024 was arranged for IV year – RA students on 06th August, 2024.



SESSION ON “MOCK INTERVIEW BOOTCAMP: SHARPEN YOUR SKILLS” by Mr. A. Jagadesh and Ms. Ilanthamizh. K, Alumni of RA of batch 2020-2024 was arranged for IV year –RA students on 11th July,2024.



Elite
NPTEL ONLINE CERTIFICATION
 (Funded by the MoE, Govt. of India)



This certificate is awarded to
DHARANI D
 for successfully completing the course



Robotics

with a consolidated score of **71** %

Online Assignments	21.67/25	Proctored Exam	48.98/75
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Total number of candidates certified in this course: **786**

Jul-Sep 2024
 (8 week course)

H Banerji
Prof. Haimanti Banerji
 Coordinator, NPTEL
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24ME88S244600880

To verify the certificate



No. of credits recommended: 2 or 3

Mrs. D. Dharini, AP/RA Received NPTEL Certification on 8-Week Course Titled “Robotics” from July-September,2024.



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

D JASMINE SUSILA

for successfully completing the course

Accreditation and Outcome Based Learning

with a consolidated score of **57 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Aug-Oct 2024)

Roll No: NPTEL24GE66S1057400220

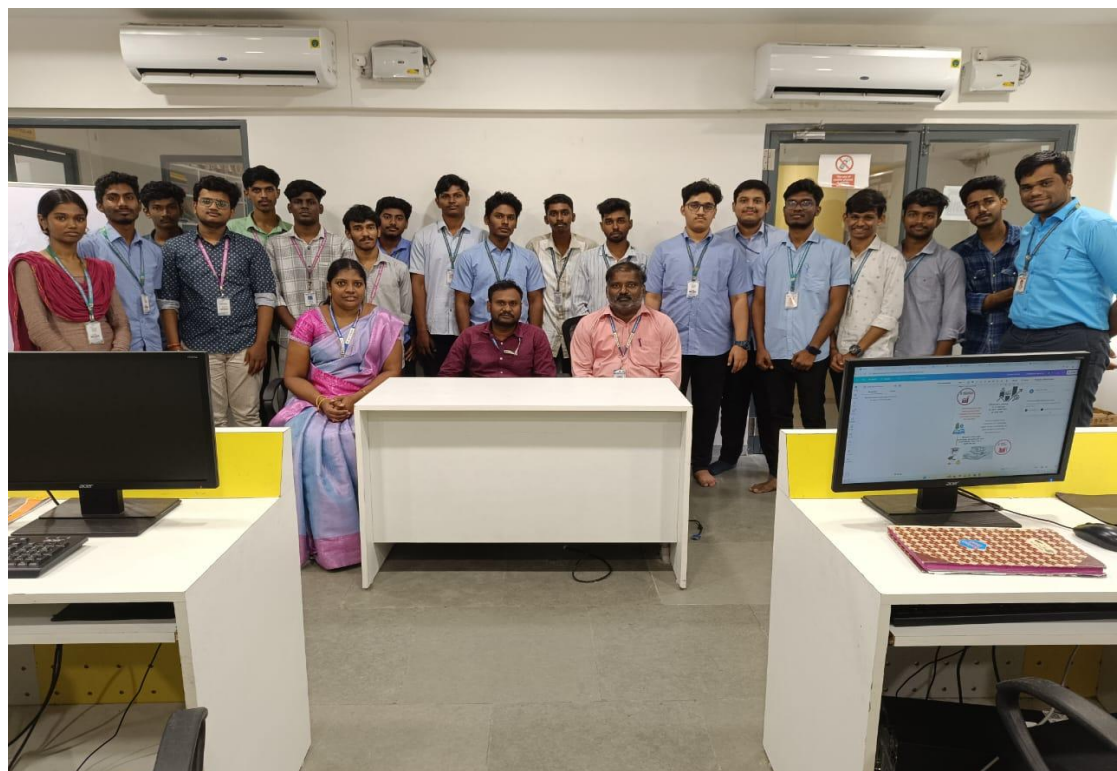
Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16th Nov, 2023, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2023

Mr. D. Jasmine Susila, AP/RA Received NPTEL Certification on 8-Week Course Titled “Accreditation and Outcome Based Learning” from August-October,2024.



Mrs. J. V. Peshu, AP/RA, handled an internal workshop on “Virtual Instrumentation” for III Year RA Students on 9th January 2025.



Department of Robotics and Automation celebrated “National Youth Day-2025” for the students on 21st January 2025.



Department of Robotics and Automation Organized SAEINDIA Student convention Event on 24th January 2025.

Student Participation:



Mohanane.P, Department of Robotics and Automation, achieved 9th place in the State Level 5km Run and received a cash prize of ₹2000.



Mohanane.P, Department of Robotics and Automation, 8th place at the District Level and was awarded a cash prize.



Lohitha. B, Shalini. P of Robotics of Automation, won 2nd place in paper presentation in the event "Food Safety", organized by Department of Food Technology on 30.08.2024.