Event Report

SEC202410DMU14 - Hands on Training Program on ARDUINO PROGRAM

Event ID	SEC202410DMU14
Organizing Department	Mechanical and Automation Engineering
Date	07.10.2024 & 08.10.2024
Time	9.00 AM to 4.00 PM
Event Type	Hands on Training
Event Level	Department Level
Venue	MU CAD Lab
Total Participants (Students)	50
Total Participants (Faculty)	3

Related SDGs

Resource Persons

S.No	Name	Designation	Company	Contact Details
1	Mr.E.Arun Kumar	Vice President	RETECH Solutions Pvt Ltd., Chennai.	+91 96261 36713

Involved Staffs

S.No	Name	Role
1	Mr. P. Anbarasu	Coordinator

Outcome

- The outcome of an Arduino program depends on what it's designed to do with the hardware connected to it. For example, a simple program can blink an LED, read data from a sensor, or control a motor's speed. By writing and uploading the code, students can make the Arduino interact with sensors, lights, or motors

in real-time, creating practical projects. Whether it's lighting up an LED or displaying information on a screen, the program helps students see how coding and electronics come together to solve real-world problems.

Event Summary

A two-day Hands-on Training program on Arduino was conducted on October 7th and 8th, 2024, to enhance the skills of second-year Mechanical and Automation Engineering students (2023-2027 batch). The event was presided over by Dr. N. Mani, Professor and Head of the Mechanical and Automation Engineering department. Experts from Retech Solutions Pvt Ltd., Chennai, led the program, providing comprehensive demonstrations and practical sessions on Arduino programming and its applications.

A total of 50 students and 3 faculty members participated, benefiting from hands-on experience in microcontroller programming, sensor integration, and the practical use of Arduino in automation projects. The training enriched the participants' knowledge and equipped them with valuable skills for future innovations in the field.

The event concluded with a Vote of Thanks delivered by Mr. P. Anbarasu, Assistant Professor. He expressed his heartfelt gratitude to the Chairman and CEO of Sairam Institutions for their continued vision and support in fostering such learning opportunities. He extended sincere thanks to the Principal of Sri Sairam Engineering College for his encouragement and guidance in making the event possible, and to the Dean of Student Affairs, whose unwavering support greatly contributed to the program's success. He also acknowledged Dr. N. Mani for his leadership, the Retech Solutions Pvt Ltd. team for their expertise, and the students and faculty for their active participation, which made the program a resounding success.
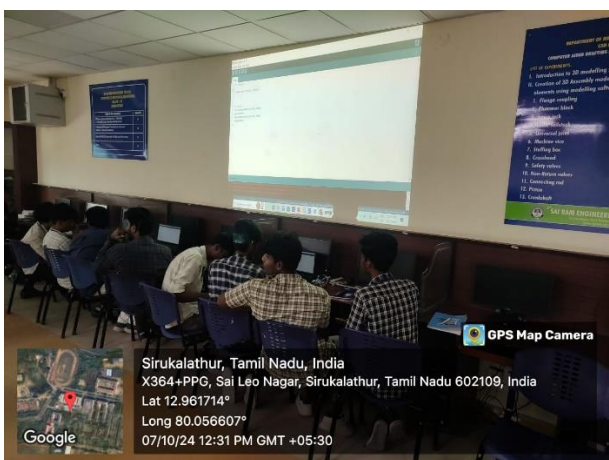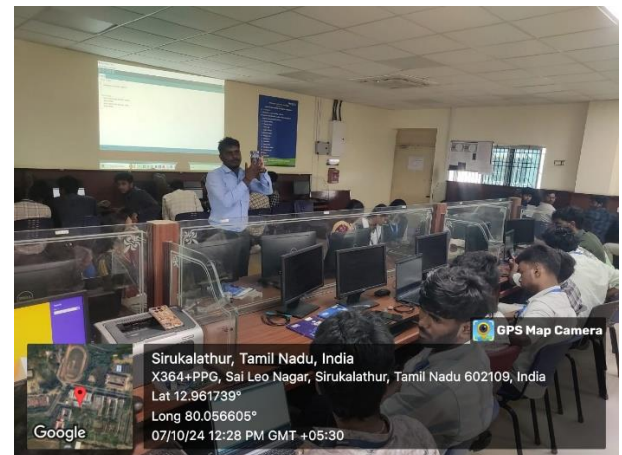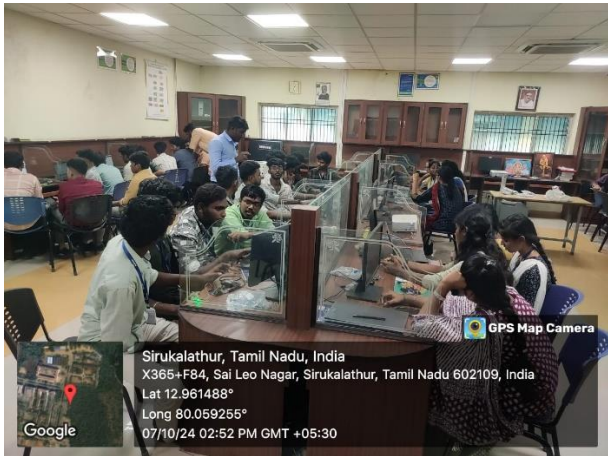
Event Brochure

Day - 1	07.10.2024	Session - 1

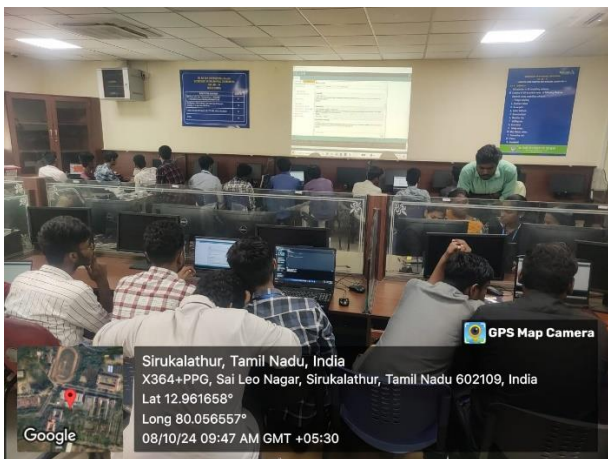| Day - 1	07.10.2024	Session - 2

Day - 2	08.10.2024	Session - 3

Day - 2	08.10.2024	Session - 4

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