VALUE ADDED COURSE " IOT WITH RASPBERRY PI"

Event No	EC001
Organizing Department	Electronics and Communication Engineering
Date	03/06/2024 to 06/06/2024 (4 Days)
Time	09:00 AM to 04:00 PM
Event Type	VAC / Training Program
Event Level	Dept. Level
Venue	Centre for IoT
Total Participants	31
Students - Internal	31

Related SDG

Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Dr M Kalamani	Professor	KPRIET	kalamani.m@kpriet.ac.in	xxxxxxxxxx
2	Resource Person	Dr R Jaikumar	AsP	KPRIET	jaikumar.r@kpriet.ac.in	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Kalamani M	Coordinator
2	Jaikumar R	Coordinator

Outcome

Able to create the simple IoT projects using Raspberry Pi

Event Summary

Value added course on " IoT with Raspberry Pi ' held at the Centre for IoT for second year students. The event attracted all the registered students, all eager to delve into the world of the Internet of Things (IoT) using the versatile Raspberry Pi 3 board.Dr.M.Kalamani and Dr.R.Jaikumar handled the sessions with hands on training with an engaging presentation on the fundamentals of IoT and the pivotal role Raspberry Pi plays in this domain. They highlighted the board's capabilities, including its quad-core processor, built-in Wi-Fi, and Bluetooth, making it an ideal platform for developing IoT applications.Students attended various hands-on workshops where they learned to set up and program their Raspberry Pi 3 boards. Projects included creating simple IoT applications using variety of sensors and actuators. The interactive nature of these sessions provided practical experience and fostered collaboration among attendees.The event concluded with a showcase of innovative IoT projects developed by students. The diverse applications demonstrated the Raspberry Pi 3's potential in transforming everyday objects into smart devices. Overall, the event successfully inspired and equipped students with the knowledge and skills to harness the power of IoT using Raspberry Pi.

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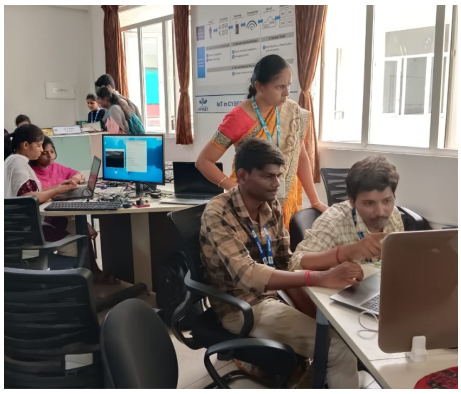

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