



Learn Beyond

**KPR Institute of Engineering and Technology**

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600

Web: kpriet.ac.in

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AM009

**NBA Accredited**  
(CSE, ECE, EEE,  
MECH, CIVIL)**PYTHON WITH IOT**

<b>Event No</b>	AM009
<b>Organizing Department</b>	Artificial Intelligence and Machine Learning
<b>Associate Dept.   NSC</b>	Artificial Intelligence and Machine Learning
<b>Date</b>	24/04/2023 to 28/04/2023 (5 Days)
<b>Time</b>	09:00 AM to 04:20 AM
<b>Event Type</b>	VAC / Training Program
<b>Event Level</b>	Dept. Level
<b>Venue</b>	NMS (Intel) Lab
<b>Total Participants</b>	58
<b>Faculty - Internal</b>	2
<b>Students - Internal</b>	56

## Related SDG



## Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Mr Pravin Kumar Prajapati	Subject Matter Expert	FICE	pravin@edunetfoundation.org	xxxxxxxxxx
2	Resource Person	Mr Bassar Patel	Master Trainer	FICE	bassar@edunetfoundation.org	xxxxxxxxxx

## Involved Staffs

Sl	Name	Role
1	Karthikeyan S	Convenor
2	Pandiya Rajan G	Coordinator

## Outcome

1. Familiarity with Software/Hardware components for building IoT/Embedded Application Development.
2. Python and its role in industry 4.0
3. IoT development platforms
4. IoT Protocols and IoT Application Building
5. Introduction to Edge computing, computer vision and neural stick

## Event Summary

KPR Institute of Engineering & Technology has signed an MoU with FICE to implement the Intel® College Excellence Program at their institute. The memorandum entailed the establishment of Intel® Intelligent Systems Lab with associated curriculum, training of the trainers and students, and mentoring along with ongoing collaboration/support. FICE team used different delivery methodologies (in-person engagement, remote engagement, showcase) to deliver the content and engage the participants in hands-on experimentation and development during the course of the program. In a time when technologies like (IOT) are experiencing an immense boom, KPR Institute of Engineering & Technology, in collaboration with FICE, has put commendable efforts to make its peers AI-ready. The Intel® College Excellence Program achieved its objectives and goals and created the intended impact among its 71 participants - empowered with market-relevant skills and technical understanding, and the institute - with a state-of-art, sustainable technical infrastructure.

This hands-on training was aimed at:

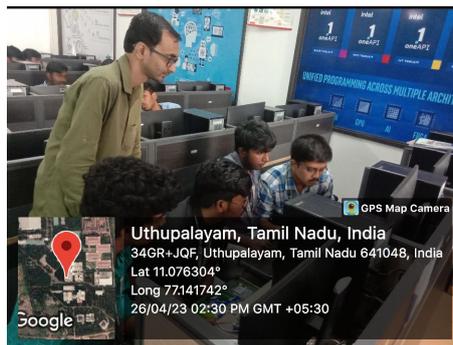
- Getting comfortable with the hardware and software tools/platforms
- Drafting a project plan.
- Developing end to end solutions.

- Applying program knowledge and skills in a real-world setting.
- Building a network of engineering and industry professional colleagues.
- Working effectively on a team to achieve a goal.
- Solving problems using critical thinking.
- Communicating your ideas and work in a professional manner.

The quantitative evaluation of the participants resulted in 71 participants successfully completing the program with an average score of (100%). FICE team would like to thank KPR Institute of Engineering & Technology team, for their continuous and unhindered support, and congratulate it on a timely conclusion of the workshop.



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