KPR Institute of Engineering and Technology

Learn Beyond

(Autonomous, NAAC "A")

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AM001

NBA Accredited
(CSE, ECE, EEE, MECH, CIVIL)

INDUSTRY EXPERT TALK SERIES ON "OBJECT DETECTION AND FACE RECOGNITION TECHNIQUES"

Event No	AM001
Organizing Department	Artificial Intelligenceand Machine Learning
Date	12/04/2024 to 26/04/2024 (15 Days)
Time	02:00 PM to 04:00 PM
Event Type	Expert Talk
Event Level	Dept. Level
Meeting Medium	
Meeting Link	https://zoom.us/j/94306355150?pwd=ZEpvQTYxcWZwL3hQcDhod2VoNm9Udz09
Total Participants	60
Faculty - Internal	30
Students - Internal	30

Related SDG

Resource Persons

SI	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Yuvaraju Maddiboina	Senior Manager	Comcast	yuvarajum@alumni.iitm.ac.in	xxxxxxxxxx

Involved Staffs

SI	Name	Role
1	Karthikeyan S	Convenor
2	Nandhagopal S	Coordinator

Outcome

Attendees gained insights into the latest advancements in object detection and face recognition technologies, including algorithms such as YOLO (You Only Look Once), SSD (Single Shot MultiBox Detector), and various convolutional neural network (CNN) architectures.

Event Summary

The Industry Expert Talk Series on 'Object Detection and Face Recognition Techniques' was a highly anticipated event, attracting professionals, researchers, and students from various fields related to computer vision and artificial intelligence. The event aimed to shed light on the latest advancements in object detection and face recognition, providing a platform for knowledge exchange and networking.**Key Points:**Overview of object detection algorithms like YOLO, SSD, and Faster R-CNN.Comparison of traditional vs. deep learning approaches.Case studies in security surveillance and autonomous vehicles.Detailed exploration of face recognition techniques, including CNNs and transfer learning.Challenges and solutions in large-scale face recognition.Applications in security, retail, and personalized user experiences.Practical demonstrations of object detection using popular frameworks like TensorFlow and PyTorch.Interactive coding sessions for building and deploying face recognition models.Ethical implications of surveillance and data privacy.Regulatory considerations and responsible AI development.The event provided ample opportunities for networking, with dedicated sessions for participants to connect with industry experts and peers. These interactions are expected to lead to future collaborations and research partnerships.

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