



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

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AM001

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

EXPERT TALK ON INTRODUCTION TO AI FUNDAMENTALS

Event No	AM001
Organizing Department	Artificial Intelligence and Machine Learning
Date	26/08/2023
Time	09:30 AM to 11:30 AM
Event Type	Expert Talk
Event Level	Dept. Level
Venue	NMS Lab
Meeting Medium	
Meeting Link	http://bit.ly/kprietaimltalk
Total Participants	67
Faculty - Internal	2
Students - Internal	65

Related SDG



Resource Persons

SI	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Mohanraj V	Senior Manager AIML Delivery Lead	Standard chartered GBS	mohanraj4072@gmail.com	xxxxxxxxxx

Involved Staffs

SI	Name	Role
1	Rajeshkumar S	Coordinator
2	Karthikeyan S	Convenor

Outcome

Mohanraj V's expert talk not only made CNNs easier to understand but also showed how they can be applied in different areas. Subsequently the query session made the students left with a better grasp of Convolutional Neural Networks, ready to explore their uses across various fields.

Event Summary

The expert speaker, Mohanraj V, gave an informative talk about 'Introduction to Convolutional Neural Networks (CNN)'. The talk started by explaining what Deep Learning is, with Mohanraj highlighting how it's changing various industries. He then smoothly moved on to explain what CNNs are, focusing on how they're really good at dealing with pictures and visual data. The talk went on difference between linear and nonlinear data, complexity of taking decision on nonlinear information, showing how regular neural networks struggle with complex visual info. Mohanraj explained why CNNs are needed to handle this kind of data, because they're designed to understand patterns and features in images. Going deeper into the topic, Mohanraj talked about how CNNs are structured, breaking down their different parts and how they work. He went into detail about the key things they do, like convolution and pooling, and how these processes help the network recognize different features and patterns. The highlight of the session was when Mohanraj demonstrated how CNNs work in a practical way using an object detection example. This real-world demonstration using python libraries showcased how CNNs can be used to identify objects in real-time, leaving the audience with a clear picture of what CNNs are capable of. In the end, Mohanraj V's expert talk not only made CNNs easier to understand but also showed how they can be applied in different areas. Subsequently the query session made the students left with a better grasp of Convolutional Neural Networks, ready to explore their uses across various fields.

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DEPARTMENT CSE (AIML)
ORGANISES INDUSTRY EXPERT TALK ON

Introduction to Convolutional Neural Networks



09.30 AM - 11.30 AM
26 August 2023

Microsoft Teams
<http://bit.ly/kprietaimtalk>

Microsoft Teams
Meeting ID: 959237655627
Passcode: dFZ3IDYBxmDbVfy

Guest Speaker
Dr. Mohanraj Venkadachalam
Senior Manager AIML Delivery Lead
Standard Chartered GBS, Chennai

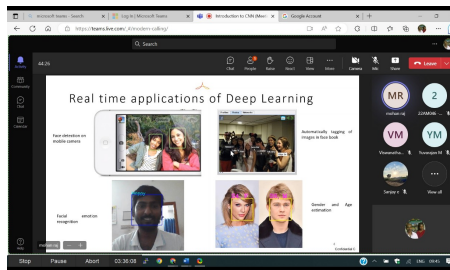
CONVENOR
Dr. S. Karthikeyan

COORDINATORS
Mr. Rajeshkumar S
Mr. Pandiyarajan G

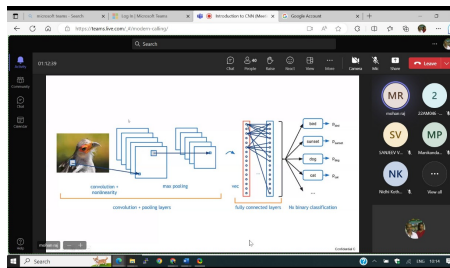
CO-COORDINATORS
Mr. Nandhagopal S
Ms. Kothai G

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