KPR Institute of Engineering and Technology

Learn Beyond

(Autonomous, NAAC "A")

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CS001

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

MASTERING THE ART OF MACHINE LEARNING APPLICATION DESIGN

Event No	CS001
Organizing Department	Computer Science and Engineering
Date	08/08/2023
Time	02:00 PM to 04:00 PM
Event Type	Guest Lecture
Event Level	Dept. Level
Venue	The Legend Hall
Total Participants	35
Faculty - Internal	5
Students - Internal	30

Related SDG

4 QUALITY EDUCATION

Resource Persons

SI	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Prof Anand Paul	Professor	Kyungpook National University, South Korea	paul.editor@gmail.com	xxxxxxxxxx

Involved Staffs

SI	Name	Role
1	Karthic S	Coordinator
2	Yuvaraj N	Convenor

Outcome

Faculty members were able toUnderstand the basics of Machine LearningCreate ML models to real time applications

Event Summary

The department of Computer Science and Engineering, KPRIET organized a Guest Lecture on the topic ' Mastering the art of Machine Learning Application Design ' on 08.08.2023 Prof Anand Paul, Professor, Kyungpook National University, South Korea was the resource person for the event.The session started with introduction to the basics of Machine Learning Algorithms. Mastering the art of machine learning application design involves a combination of technical expertise, domain knowledge, creativity, and a deep understanding of the problem you're trying to solve.He also discussed about the importance of data collection. Importance of Gathering and curating high-quality, relevant data for the problem was discussed. Further was about Preprocessing the data to handle missing values, outliers, and noise. The process of Performing exploratory data analysis (EDA) to gain insights into the data distribution and relationships was shown. Prof advised to Follow an iterative process of designing, implementing, testing, and refining the machine learning solution. Further he insisted to deploy the model into a production environment, whether on-premises or in the cloud and validate it.The doubts asked by the students were cleared.

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