



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

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CS001

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

GUEST LECTURE ON AI IN AUTOMOTIVE INDUSTRY

Event No	CS001
Organizing Department	Computer Science and Engineering
Date	28/07/2023
Time	02:00 PM to 03:30 PM
Event Type	Guest Lecture
Event Level	Dept. Level
Venue	Ragam Hall
Total Participants	324
Faculty - Internal	4
Students - Internal	320

Related SDG



Involved Staffs

Sl	Name	Role
1	Yuvaraj N	Convenor
2	Sri Sathya K B	Coordinator

Outcome

Key Takeaways of the session AI in Context Real World ML Process Pycaret MLOPs

Event Summary

Artificial Intelligence – Context Artificial Intelligence is the field of developing computers and robots that are capable of behaving in ways that both mimic and go beyond human capabilities. AI-enabled programs can analyze and contextualize data to provide information or automatically trigger actions without human interference. **AI in Automotive Industry** AI in the automotive industry encloses a broad range of technologies, such as computer vision, machine learning, NPL, speech analytics and robotics. These technologies help develop self-driving cars, advanced driver assistance systems, personal assistance, etc. **Real World ML Process** Model Building Model Deployment **Pycaret** – Lowcode Machine Learning library in Python that automates machine learning workflows. It is an end-to-end machine learning and model management tool that speeds up the experiment cycle exponentially and makes more productive. **MLOPs** MLOps stands for Machine Learning Operations. MLOps is a core function of Machine Learning engineering, focused on streamlining the process of taking machine learning models to production, and then maintaining and monitoring them. MLOps is a collaborative function, often comprising data scientists, devops engineers, and IT. **Data + ML+DEVops**



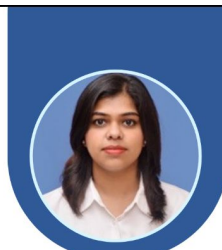
DEPARTMENT OF COMPUTER
SCIENCE AND ENGINEERING
&
CAREER DEVELOPMENT CENTRE
Organises
Guest Lecture on

**AI IN AUTOMOTIVE
INDUSTRY**

2.00 PM TO 3.30 PM

28, July, 2023

Venue : Ragam Hall



Guest Speaker

Ms. Bineeshia Joel
Asst Manager – Product Owner Data
Technologies



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