AIET 5 - TA details

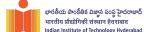| Sl no	Mentor Name	Mentor Email	Mentor Mobile
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AIET 5 - Bootcamp Projects

Sl no	Faculty	Project Area	Project Title	Project Description	Mentor Name
1	Srijith	Computer Vision/recommendation Systems	Object Detection	The project is to develop an indoor object detection model for edge devices like raspberry pi or iot devices.	Athul
2	Srijith	Computer Vision/recommendation Systems	Recommendation Systems	In this project we are planning to build a news article recommendation system, which can also recommend personalized ads.	Athul
3	Srijith	Computer Vision	Vision Based Recommendation Systems	In this project we aim develop models for fashion/clothing recommendation system that can recommend products to the customer based on previous purchase history or products in the cart	Srikar
4	Srijith	Computer Vision	Sign Language Captioning in Video	In this project, we will aim to develop a model for generating text transcriptions for videos containing a simplified sign language	Rishabh
5	Srijith	Computer Vision	Emotion Detection in Video	In this project we will develop a model for predicting emotions of one or multiple face that will be visible in the video	Sayanta

AIET 5 - Bootcamp Projects

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6	Srijith	Natural Language Processing	Llm Based Conversational System for Knowledge Extraction from Documents	The objective of this project is to create an advanced conversational system using llm. This system will be capable of extracting information from pdf documents, specifically research papers, and will explore the potential of combining multiple papers aiming to develop a conversational agent that can assist researchers in brainstorming innovative ideas by leveraging existing literature. Ref: https://github.Com/hwchase17/langchain	Shrey
7	Srijith	Generative Models	Image Generation With Gans	Generate synthetic images using generative adversarial networks	Vishnuprasadh
8	Sathya Peri	Blockchain	Land Registry Smart Contract	The aim of this project is to develop and implement a land registry system smart contract on the hyperledger sawtooth blockchain platform. The land registry system aims to provide a secure, transparent, and efficient solution for recording and managing land ownership and related transactions.	Manaswini
9	Sathya Peri	Blockchain	Nft Development in Sawtooth	The primary objective of this project is to develop non-fungible tokens (nfts) within the hyperledger sawtooth blockchain platform. Nfts are unique digital assets that can represent ownership or proof of authenticity. By leveraging the features and capabilities of sawtooth, we aim to create a robust and secure system for the creation, management, and exchange of nfts.	Manaswini