Department of Computer Science and Engineering (Data Science)

Academic Year 2024-25

Sr. No	Major Project Titles
1	A Predictive Approach to Air Quality and Lung Disease Risk Assessmnent using Machine Learning and Time Series Models
2	Virtual Interview monitoring and analytics System
3	Comprehensive Multi-Modal Prediction of Alzheimer's Disease
4	Virtual Police Station
5	Bridging the gap in Credit Riskprediction:An AI driven model for financial decision making
6	Smart City using Swarm Intelligence
7	AI-Powered Courtroom Counter- Arguments System
8	Image-to-Image translation using GANs for day and night scene transformation.
9	AristText:A semantic driven artistic image generation
10	Facial De-occlusion and reconstruction
11	AI based crop, pesticide, fertilizer recommender system
12	Euler: A Graph Based Multi Agent Framework for Intelligent Code Documentation
13	Early Autism Detection in Children Using Deep Learning and Facial Feature Analysis
14	StyleSync
15	Money loundering Detection using GCN and Explainable AI
16	EEG based Computational Model for Detecting Neuro Disorders
17	Investigating Rumors on social media using Social Network Analysis and Graph Convolution Networks
18	FLARE-Fire Locating Autonomus Robot Extinguisher
19	Unified face and hand Yotube Controller
20	Route Optimization in supply chain Management uisng graph databases
21	Adaptive rule generation framework for network intrusion detection system using XAI
22	Jobify: Resume Analyzer and Application Tracker
23	Adaptive AI Powered Spam Detection Framework
24	Fleet Decarbonization Optimization
25	Cognisense: Early Dementia Detection
26	Explainable AI for Audio Event Detector

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27	Quantitative portfolio management using network analysis
28	Multi-Model Deep Fake News Detection
29	A multi-modal approach for Automated Slide Generation
30	RAG-enhanced Multimodal AI for first aid guidance
31	Advanced GLOF
32	Intelligent Eye-Gaze Driven keyboard
33	PORTFOLIO OPTIMIZATION
34	Real-Time Solar Energy Output and Electric Vehicle Charging Cost Evaluation System
35	Prediction of Alzheimer's Disease using Texture Analysis
36	Image Stegnographyusing Deep learning
37	Inverse Cooking Receipe Generation from Images
38	Multilingual Query Processing for Hybrid Database
39	Institutional Trade Optimization
40	Self-Evolving Agentic Framework
41	Need Based Plant Watering System