



Department of Computer Science and Engineering (Data Science)
Innovative Product Development

Project Title

A.Y (2025-26)

Sr. No	Project Title
1.	Cypher.ai - AI driven Cybersecurity & Compliance Automation Bot
2.	Forecasting of stock price and trend using sentiment analysis & ML
3.	Personalized Learning using AI
4.	Know Your Bite (Ingredient Scanner and Dietary Compliance App)
5.	Adaptive Learning Pathways using Deep RL
6.	Machine Learning Based Solar System Habitability Prediction
7.	Travel Companion Matching System using User Preferences & Travel Interests
8.	Cypher.ai - AI driven Cybersecurity & Compliance Automation Bot
9.	Gamification and GPS Enhancement in Fitness Apps for Runners (Aura Run)
10.	Smart Vision Assistant for Visually Impaired
11.	CSAM: A Cognitively-Inspired, Scalable Memory Architecture for Lifelike AI Agents
12.	Mathema – An AI-Powered Math and Graph-Based MCQ Generator
13.	DDXAssist: Guide for Diagnostic Pathway for Disease Prediction with NLP-RAG and Probabilistic Reasoning
14.	Diabetic Retinopathy Detection
15.	AI for Analyzing Satellite Imagery to Monitor Deforestation & Illegal Logging
16.	Development of an English-Gujarati Code-Mixed LLM for Sentiment Analysis
17.	Smart Tire Monitoring System
18.	Star Formation Rate Estimation using Transformer-Based Model



Shri Vile Parle Kelavani Mandal's

DWARKADAS J.SANGHVI COLLEGE OF ENGINEERING

(Empowered Autonomous College Affiliated to the University of Mumbai)



19.	Recommendation System (Stock Trend Prediction)
20.	Sustainability in Supply Chain
21.	Smashifix: An Application for Badminton Posture Correction Using Deep Learning
22.	Autonomous Robot System for Precision Farming
23.	Post-Stroke Recovery Tracking through Facial Analysis
24.	Evaluating Brand Engagement and Consumer Behaviour in Influencer-Driven Markets
25.	Attention Deficit Hyperactivity Disorder (ADHD) Prediction
26.	An Agricultural Assistant Leveraging Machine Learning for Crop Advisory, Scheme Recommendation, and Disease Detection
27.	Multimodal AI Architecture for Detecting Hunger Blindness in Neurodivergent Children
28.	Smart Safety Surveillance System with Real-Time Alerts
29.	Tidal Energy Prediction with Uncertainty Awareness
30.	Fuzzy-Based Organic Irrigation System for Smart Farms
31.	Yoga Performance Analysis and Correct Posture Prediction
32.	Stock Recommender Systems
33.	Explainable ConvNext for Cervical Cancer Screening
34.	AI-Based Sepsis Prediction
35.	Deepfake Audio Detection
36.	Augmented Reality Virtual Tour Guide