

K J Somaiya Institute of Technology
Department of Computer Engineering
LY Major Project List: 2025-26

Sr. No.	Name of the student	Project Title	Domain	Category (Product Development /Research Based)	Name of the Project Guide
1	Patel Kinjal Sanjay	AeroScope : Satellite-Powered AQI intelligent System	Machine Learning	Research	Dr. Sarita Ambadekar
	Patel Tanisha Hemant				
	Patil Saniya Shailesh				
2	Mandke Aryan Minnath	AI Based Recommendation Engine for Gym Management and Diet Advisor/	Machine Learning	Research	
	Lohar Pranav Mukesh				
	Jagtap Pratul Rahul				
3	Tandel Sarthak	Symphony Synth: Melody Generation using a Hybrid Approach	Speech processing	Research	
	Trambadia Harsheet				
	Sonak Shardul				
4	Deshmukh Himanshu	Advanced Compression Technique for SAR Raw Data	Remote Sensing	Research	Dr. Shyamal Virnodkar
	Masuna Vivek				
	Nair Vishnu				
5	Darji Shubham	Fingerprint based Blood Group Detection.	Bio- Medical	Research	
	Gala Yohan				
	Gupta Rohit				
6	Shah Neel Abhay	NeuroVision: Blindness Detection	Machine Learning	Product	Dr. DhanashreeToradmalle
	Saharkar Aditya Jitendra				
	Rajput Taniya Jaiprakash				
7	Chiddarwar Shrikant	Tomato Leaf	Machine Learning	Research	

	Dhrutin Gami	Disease Classification and Pesticide Recommendation.			
	Kawa Deep				
8	Togadiya Ayush Mukesh	Social Media Automation using Deep Learning Techniques	Image Processing	Research	
	Shah Aryan Jay				
	Solanki Dhruv Kanti				
9	Darji Pratham Girish	Brain Tumor Detection Using MRI Images	Machine Learning	Research	
	Nagaonkar Yash Janardan				
	Chowdhri Maaz Abdul Kalam				
10	More Raj Jaydas	A Real-Time Machine Learning Framework for Intraday Trading Decision Modelling Using Anonymized NIFTY 50 data	Machine Learning	Research	Prof. Mrunali Desai
	Khorakiwala Husein				
	Makasarwala Abbas				
11	Barde Atharva	ML Based Crop Disease Predictor	Machine Learning	Research	
	Shah Saburi				
	Mane Tejas				
12	Mehta Aanchal Paresh	Neuropsychological Tutor	NLP	Research	Prof. Kavita Bathe
	Kothari Dhriti Vijay				
	Ket Anandi Satish				
13	Pingale Soham Sandeep	AssetOS: AI based personalized investment strategies.	Machine Learning	Research	Dr. Jyoti Wadmare
	Soni Parth Rahul				
	Bulsara Ved Nilesch				
14	Shastri Esha Dilip	Multi-	Machine	Research	

	Ranbhare Yash Ajit	Agent Reiforcement Learning with LLM for Supply Chain Automation	Learning		
	Shingavi Harsh Sharad				
15	Kulkarni Atharva	Cross-Lingual NLP: Translation Without Parallel Data	NLP	Research	Dr. Chitra Bhole
	Joshi Malav				
	Desai Niyati				
16	Mishra Harsh	SmartBlood: AI powered System for Malaria Detection	Machine Learning	Research	
	Gadhiya Manas				
	Mihir				
17	Dangle Sanket	Aentic AI Based Project Companion OR	Machine Learning	Research	
	Mehta Dev				
	Alane Sarat				
18	Yadav Megha	Shastra-A research based cloud exposure detection framework	Machine Learning	Research	Prof. Nisha Vanjari
	Rokade Atharv				
	Agotaria Daksh				
19	Vora Dev Vijay	Emotion Detection using Handwritten Characters	Machine Learning	Research	
	Vichhivora Heet Dinesh				
	Waghela Paras Dinesh				
20	Patel Zoya Yakub	Influencer - Brand Matching for Influencer Marketing	Machine Learning	Research	Prof. Shubhada Labde
	Solanki Gayatri Prashant				
	Parmar Shreyanshi Dinesh				
21	Panchal Kinshu Manoj	AI assistance for Police	Machine Learning	Research	
	Prajapati Dhruv Shailesh				

	Sharma Janvi Rakesh				
22	Vaidya Ganesh Narayan	Gen AI Based Image Enhancer using NLP	Machine Learning	Research	Dr. Mandar Bivalkar
	YADAV PRIYANSHU PREMCHANDRA				
	SUTHAR HARIOM RAJESH				
23	Panchal Nikhil Girish	Pattern Recognitio n for edge devices using Spiking Neural NW.	Machine Learning	Research	
	Panchal Ravi Mahendra				
	Rabde Advait Suhrud				
24	Mistry Dhruv	Multi-label Plant Disease Detection Framework with Crop Yield Prediction from single Image	Machine Learning	Research	Prof. Aarti Sahitya
	Mane Sahil				
	Mahadik Avani				
25	Shah Kushal Nilesh	Cross Domain Ensemble Learning For Commodit y Market Forecastin g	Machine Learning	Research	
	Shah Shubham Nirav				
	Shah Pooja Rajesh				
26	Zala Kesha Rajesh	Multiclass Classificati on of Cancer using realtime data.	Machine Learning	Research	Prof. Pradnya Patil
	Murade Anushka Ajit				
	Tupkar Sakshi Sunil				
27	Panchal Neal Dilipkumar	Coconut Leaf Disease Detection using Deep	Machine Learning	Research	
	Thakar Om Dhanwant				
	Patel Kartik				

	Ghanshyambhai	Learning.			
28	Patel Fenil Satish	NyayMitra : AI powered legal assistance platform	Machine Learning	Research	Prof. Pradnya Bhangale
	Pandey Uday Jagdish				
	Patil Tanay Ramakant				
29	Bhavsar Deep	Generative AI based Intelligent Tutor	Machine Learning	Research	
	Desai Atharva				
	Dhadway Aditya				
30	Yash Modi	AI-Powered Text and Speech Analysis for Psychiatric Emotion Recognition	Machine Learning	Research	Dr. Madhura Phadke
	Mavani Dhruv				
31	Khan Ayaz	NeuroScience Backed ADHD Productivity Tool	Machine Learning	Research	
	Thanvi Garv				
	Patel Ronit				
	Shah Vansh				
32	Mirani Kausain	WeWoman : AI Driven Diagnosis and Management for PCOS	Machine Learning	Research	Dr. Shreya Patankar
	Arulvelan Keerthiga				
	Bhat Komal				
33	Ghatul Pruthviraj Purushottam	Ultrasonic Image Analysis of Brain and Heart using Deep Learning	Machine Learning	Research	
	Gupta Ajit				
	Choudhari Sidhenath				
34	Deshmukh Kartik Sunil	TextToFace: Face Sketch Generation System	Machine Learning	Research	Dr. Abhijit Patil
	Ghanekar Divya Viresh				
	Kewale Aishwarya Gajanan				
35	Hundare Vedant Jalindar	Deepfake Video and Audio	Deep Learning	Research	
	Doshi Harsh Sagar				

	Fatakdwala Zainuddin Ali Asger	Detection using Deep Learning			
36	Chandekar Revati Rajesh	Tropical Cloud Cluster Identificati on Using INSAT Images	Machine Learning	Research	
	Solaskar Vinay				
	Bulusu Srinidhi Pravallika				
37	Pillai Vedant Satheesh	Improved AI Model for Keylogger Detection	Machine Learning	Research	
	Patel Urja Bhaves				
	Kadam Hardik Ravindra				
38	NAYAK MEET SUNIL	Conversati onal English to SQL query engine	Machine Learning	Research	Dr. Nilesh Yadav
	PANCHAL PREM GOVIND				
	GOGRI PRISHA JIGAR				
39	Singh Aryaveer	FlameGua rd: Forest Fire Surveillanc e using ML	Machine Learning	Research	
	Singh Aditya				
	Shah Aayush				
40	Godil Mohamed Hamza	Deep Fake Audio Detection for Digital Forensics	Machine Learning	Research	
	Gandhi Hamza				
	Kumar Tanya				
41	Tamboli Zeeshan Nazim	Design and developme nt of automated ground station for satellite communic ations in HAM Band	Satellite communication	Research	Dr. Surekha Janrao
	Suvarna Nishith Sudhakar				
	Duke Aditi Abhiraj				
42	Bhavsar Titiksha Uday	Multimoda l Emotion Recognitio n using Audio and video	Signal Processing	Research	Prof. Minal Sonkar
	Bhanushali Vidhi Manoj				
	Dash Asmit				

		Signals			
43	Chauhan Rohit Vinod	Personalized Cognitive Therapy Assistant using AI	Machine Learning	Research	
	Karani Vatsal Hiral				
	Ghadge Shriraj Govind				
44	Patel Mohit Prakash	AI Powered Legal Document Analyzer	Machine Learning	Research	Prof. Asmita Deshmukh
	Shelavale Sahil Jaywan				
	Singh Sehajdeep Satvir				
45	RATHI RADHA	CareerClarity: Decoding Resume to Discover Career Path	Machine Learning	Research	
	PAPULWAR YADNESH				
	SHAH VAISHNAVI				
46	Kotecha Pratham	AI- Powered SQL Injection attack and self-healing system.	Machine Learning	Research	Prof. Datta Deshmukh
	Prajapati jagdish				
	Panseriya Vaibhav				
47	Dahodwala murtaza	Speech Driven Facial Animation	Machine Learning	Research	
	Rajpurwala abbas				
	Sapru saksham				

