

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**MINI PROJECTS A.Y:2022-2023**

Sl.No	ROLL NO	NAME	GUIDE	PROJECT TITLE
1	20NG1A0566	Akula Santhosh	DR K P N V SATYA SREE	AI-Powered Personal Finance Advisor – An AI chatbot that analyzes spending habits and suggests savings or investment strategies.
	20NG1A0592	Kollipara Sri Pooja		
	20NG1A05C4	Velpula Jaya Chandu		
	21NG5A0511	Sammeta Manikanta Raja		
2	20NG1A0573	Damerla Bharath Kumar	DR K P N V SATYA SREE	AI-Based Fake News Detector – Use NLP to analyze articles and classify them as real or fake.
	20NG1A0570	Chennupati Leela Bhavana		
	20NG1A05A4	Muttineni Venkatesh		
	20NG1A0597	Machavarapu Vasishta Ujjwal		
3	20NG1A0576	Gajjala Nikhitha	K. Raja sekhar	AI for Personalized Diet Planning – Suggest meal plans based on user preferences, allergies, and health goals.
	20NG1A0594	Kunku Sirisha		
	20NG1A05C0	Tiruvindhula Nithin Sai		
	21NG5A0507	Gottimukkala Mohana Siva Sai Vaibhav		
4	20NG1A05B6	Rachakonda Ramesh	M.SAMBA SIVA RAO	AI-Powered Traffic Violation Detection – Use object detection to identify rule violations (e.g., helmet-less riders, signal jumpers).
	20NG1A0596	Lekkala Prathyusha		
	20NG1A05C3	Vasana Radhika		
	20NG1A0599	Mandava Pravalli		
5	20NG1A05A3	Mummadiseti Anusha	B.V.PRAVEEN KUMAR	AI-Based Job Interview Coach – Analyze speech and facial expressions to provide feedback on interview skills.
	20NG1A05A1	Manikala Subrahmanyam		
	20NG1A05C6	Yeginati Brahmaiah		
	20NG1A0565	Abdul Taaheer Baji		
6	20NG1A0587	Kammila Krupa Rani	CH.PHANI KUMAR	Decentralized Identity Verification – Blockchain-based identity management to reduce fraud in KYC (Know Your Customer) processes.
	20NG1A05A6	Neelakantam Siva Naga Sai Ganesh		
	20NG1A05C1	Uppalapu Sai Charan		
	20NG1A05A2	Mullangi Avinash		
7	20NG1A05A9	Pasumarthi Divya	M .CHANTI BABU	IoT-Based Wearable Health Band for Stress Detection – Monitor stress levels using sensors and provide relaxation suggestions.
	20NG1A05B9	Sunkara Karthik Reddy		
	21NG5A0506	Chodavarapu V Phani Sai Nirmukta Sree		
	20NG1A0567	Annavarapu Chenna Kesava		
8	20NG1A0589	Kathari Bhavya Sri	S.GOGULA PRIYA	Virtual AI Pet – An interactive AI-powered virtual pet that learns and evolves based on user interaction.
	20NG1A0581	Gogula Sri Lakshmi		
	20NG1A0584	Gudapati Kusuma		
	20NG1A0568	Appana Satyanarayana		
9	20NG1A0585	Jaldu Yeswanth	K.BHAVANI	IoT-Based Smart Parking System – Detect available parking slots and guide users using a mobile app.
	20NG1A0572	Chundru Spandhana		
	21NG5A0509	Mohammad Nayeem		
	20NG1A05A7	Nimmagadda Raj Kumar		
10	20NG1A0579	Ganaparapu Kiran Kumar	T.NAGA MOUNIKA	Blockchain for Secure Medical Records – Store patient records securely with access control for doctors and hospitals.
	20NG1A0569	Banala Sai Pavan Kumar		
	21NG5A0504	Ampili Jaswanth Satya Sai		
	21NG5A0513	Tammiseti Lakshmana Srinivasa Rao		
11	20NG1A0583	Gorrepati Abhishek	B.SOWMYA	Crowdfunding Platform Using Smart Contracts – A decentralized crowdfunding system ensuring fund release only when conditions are met.
	20NG1A0575	Duriseti Hemanth		
	21NG5A0505	Bandaru Vamsi Krishna		
	20NG1A05B0	Patchipala Gayathri Sri Chandana		

12	20NG1A05B5	Puvvada Jahnvi	V.SANDHYA	IoT-Enabled Smart Agriculture System – Monitor soil moisture and automate irrigation based on real-time data.
	20NG1A0588	Kapudesi Pavani		
	21NG5A0508	Kota Ashok Babu		
	20NG1A05B7	Shaik Gouse Babu		
13	20NG1A0577	Gajjala Srinivasa Rao	DR K P N V SATYA SREE	AI-Based Crop Disease Detection – Identify plant diseases from images using computer vision.
	21NG5A0510	Pilla Sai Prasad		
	20NG1A05C2	Varre Leela Naga Sankar		
	20NG1A05A0	Mangisetty Mukesh		
14	20NG1A05B8	Siddineni Likitha Srisai	M. CHAITANYA	AI for Personalized Movie/Book Recommendations – Suggest movies or books based on user preferences and emotions.
	20NG1A05B3	Pushadapu Rama Krishna		
	20NG1A0591	Kollipara Ritesh Chowdary		
	20NG1A0586	Kalakota Chandana Devi		
15	20NG1A0595	Lamu Vamsi Krishna	P.BHAGYA SRI	Blockchain for Digital Asset Management – A decentralized system to store and manage personal digital assets securely
	21NG5A0512	Syed Rashida		
	20NG1A0574	Domathoti Sai Srikar		
	20NG1A0598	Maddali Chitti Babu		
16	20NG1A0593	Konatham Anusha	Dr B Asha Latha	AR-Based Language Learning – Use AR to overlay translations on real-world objects.
	20NG1A05B1	Pedasanaganti Sri Durga Susi		
	20NG1A0590	Kollipara Mohith Chowdary		
	20NG1A0571	Chithajallu Mohan Uday Sai		
17	20NG1A05B4	Putti Sai Nandan Babu	DR S M Roy Choudri	Smart Helmet for Bike Riders – Detect accidents and send alerts using IoT sensors.
	21NG5A0514	Vemula Srinivasa Rao		
	20NG1A05A5	Namburi Sasidhar		
18	20NG1A0566	Akula Santhosh	DR K P N V SATYA SREE	Secure Chat Application using AES Encryption
	20NG1A0592	Kollipara Sri Pooja		
	20NG1A05C4	Velpula Jaya Chandu		
	21NG5A0511	Sammeta Manikanta Raja		
19	20NG1A0573	Damerla Bharath Kumar	Dr Asha Latha Bandi	Stock Price Predictor using LSTM
	20NG1A0570	Chennupati Leela Bhavana		
	20NG1A05A4	Muttineni Venkatesh		
	20NG1A0597	Machavarapu Vasishta Ujjwal		
20	20NG1A0576	Gajjala Nikhitha	K. Raja sekhar	Predicting Food Truck Success Using Linear Regression
	20NG1A0594	Kunku Sirisha		
	20NG1A05C0	Tiruvithula Nithin Sai		
	21NG5A0507	Gottimukkala Mohana Siva Sai Vaibhav		
21	20NG1A05B6	Rachakonda Ramesh	M.SAMBA SIVA RAO	AI-based Resume Screening Tool
	20NG1A0596	Lekkala Prathyusha		
	20NG1A05C3	Vasana Radhika		
	20NG1A0599	Mandava Pravalli		
22	20NG1A05A3	Mummadiseti Anusha	B.V.PRAVEEN KUMAR	Face Mask Detection using Deep Learning
	20NG1A05A1	Manikala Subrahmanyam		
	20NG1A05C6	Yeginati Brahmaiah		
	20NG1A0565	Abdul Taaheer Baji		
23	20NG1A0587	Kammila Krupa Rani	CH.PHANI KUMAR	Edge AI for Face Detection in Raspberry Pi
	20NG1A05A6	Neelakantam Siva Naga Sai Ganesh		
	20NG1A05C1	Uppalapu Sai Charan		
	20NG1A05A2	Mullangi Avinash		
24	20NG1A05A9	Pasumarthi Divya	M .CHANTI BABU	Decentralized Certificate Verification Platform
	20NG1A05B9	Sunkara Karthik Reddy		
	21NG5A0506	Chodavarapu V Phani Sai Nirmukta Sree		
	20NG1A0567	Annavarapu Chenna Kesava		

25	20NG1A0589	Kathari Bhavya Sri	S.GOGULA PRIYA	Smart Parking System using Ultrasonic Sensors
	20NG1A0581	Gogula Sri Lakshmi		
	20NG1A0584	Gudapati Kusuma		
	20NG1A0568	Appana Satyanarayana		
26	20NG1A0585	Jaldu Yeswanth	K.BHAVANI	Digital Ownership Tracker for Art Files using IPFS
	20NG1A0572	Chundru Spandhana		
	21NG5A0509	Mohammad Nayeem		
	20NG1A05A7	Nimmagadda Raj Kumar		
27	20NG1A0579	Ganaparapu Kiran Kumar	T.NAGA MOUNIKA	Neuromorphic Spiking Neuron Simulation
	20NG1A0569	Banala Sai Pavan Kumar		
	21NG5A0504	Ampili Jaswanth Satya Sai		
	21NG5A0513	Tammiseti Lakshmana Srinivasa Rao		
28	20NG1A0583	Gorrepati Abhishek	B.SOWMYA	Post-Quantum Cryptography Algorithm Demo
	20NG1A0575	Duriseti Hemanth		
	21NG5A0505	Bandaru Vamsi Krishna		
	20NG1A05B0	Patchipala Gayathri Sri Chandana		
29	20NG1A05B5	Puvvada Jahnvi	V.SANDHYA	Mobile App with Biometric Authentication
	20NG1A0588	Kapudesi Pavani		
	21NG5A0508	Kota Ashok Babu		
	20NG1A05B7	Shaik Gouse Babu		
30	20NG1A0577	Gajjala Srinivasa Rao	Dr Asha Latha Bandi	AI-Based Smart Traffic Light Controller
	21NG5A0510	Pilla Sai Prasad		
	20NG1A05C2	Varre Leela Naga Sankar		
	20NG1A05A0	Mangisetty Mukesh		
31	20NG1A05B8	Siddineni Likitha Srisai	M. CHAITANYA	Water Usage Monitor with IoT and Alerts
	20NG1A05B3	Pushadapu Rama Krishna		
	20NG1A0591	Kollipara Ritesh Chowdary		
	20NG1A0586	Kalakota Chandana Devi		
32	20NG1A0595	Lamu Vamsi Krishna	P.BHAGYA SRI	AI-Powered Complaint Classification for Smart City App
	21NG5A0512	Syed Rashida		
	20NG1A0574	Domathoti Sai Srikar		
	20NG1A0598	Maddali Chitti Babu		
33	20NG1A0593	Konatham Anusha	Dr B Asha Latha	Real-Time Dashboard for COVID-19 using Streamlit and Pandas
	20NG1A05B1	Pedasanaganti Sri Durga Susi		
	20NG1A0590	Kollipara Mohith Chowdary		
	20NG1A0571	Chithajallu Mohan Uday Sai		
34	20NG1A05B4	Putti Sai Nandan Babu	DR S M Roy Choudri	Gesture-Controlled Media Player with Camera
	21NG5A0514	Vemula Srinivasa Rao		
	20NG1A05A5	Namburi Sasidhar		

  
**HEAD OF THE DEPT**  
**Dr. S. M. ROY CHOUDRI**  
 Head of the Department  
 Professor of CSE  
 Usha Rama College of Engg. & Tech  
 Telaprolu, Krishna Dist-521 105