ISO 9001 : 2015 Certified Institution

USHA RAMA
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS
On NH-16, Telaprolu, Near Gannavaram, Krishna District - 521109.
PH: 91777 12255, 99497 12255, 0866-2527558 www.usharama.edu.in

CODE:URCE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

MINI PROJECTS   A.Y:2021-2022

Sl.No	ROLL NO	Name	GUIDE	PROJECT TITLE
1	19NG1A0597	Morla Tharuna Sree	Dr. S.M.ROY CHOUDRI	AI in Smart Traffic Lights – Use real-time vehicle count data to dynamically control traffic signals and reduce congestion.
	19NG1A05A2	Pathan Mastan Khan		
	19NG1A0598	Muddineni Ashok Babu		
	19NG1A0586	Maila Naga Raju		
2	19NG1A0574	Garikapati Dhamini	Dr. K.P.N.V.SATYA SREE	Virtual Fashion Try-On using AI – Allow users to upload a photo and see how clothes fit using AI-based virtual try-on technology.
	20NG5A0507	Kuppala Venkata Sai		
	19NG1A0591	Masimukku Bhuvantej		
	19NG1A0587	Makineni Haritha		
3	20NG5A0504	Tirukkovalluri Shashanka	M.SAMBA SIVA RAO	AI for Forest Fire Prediction – Analyze satellite and environmental data to predict potential forest fire zones.
	19NG1A05A7	Shaik Abdul Nayeem		
	19NG1A0592	Maturi Sarada Sai Sri Akshaya		
	19NG1A0588	Mandalapu Amar Satish		
4	20NG5A0508	Yarramsetti Bhanu Priya	Dr. K.P.N.V.SATYA SREE	AI-Powered Sign Language Recognition – Detect and translate sign language gestures into text or speech in real time using computer vision.
	19NG1A05A8	Shaik Musthafa		
	19NG1A05C0	Yalamareddy Naga Mounika Reddy		
	19NG1A0593	Meegada Gokul Rajesh		
5	19NG1A0566	Bhavireddi Madhuri	Dr Asha Latha Bandi	Remote Health Monitoring Using AI – Collect data from wearables to monitor vitals and alert users/doctors in case of abnormalities.
	19NG1A0565	Bezawada Dhanush Sai Ram		
	19NG1A0576	Gottapu Sai Geethanjali		
	19NG1A0595	Minna Naga Vara Prasad		
6	19NG1A0599	Nandipamula Sravani	Dr. K.P.N.V.SATYA SREE	AI in Smart Waste Collection – Optimize garbage truck routes based on bin fill levels using sensors and machine learning.
	19NG1A0580	Jalla Lakshmi Prasanna		
	19NG1A05C2	Yalamati Sanjay		
	19NG1A05A4	Pendyala Khanishk Chowdary		
7	19NG1A0568	C Krishna Naga Maruthi Dattatreya	B.V.PRAVEEN KUMAR	AI for Satellite Image Analysis – Use AI to detect changes in land use, crops, or infrastructure from satellite images.
	19NG1A05A0	Nerusu Sai Sekhar		
	19NG1A05B9	Veta Akanksha		

	19NG1A05A5	Rangoju Ramya Sri		
8	19NG1A05A1	Padma Phalguni Madupalli	K.BHAVANI	Digital Footprint Analysis – Analyze social media and online activity to assess digital behavior or risks.
	19NG1A0589	Maradani Sai Kumar		
	19NG1A0590	Masapogu Syam Prasadrao		
	19NG1A05A6	Raparla Venkata Varun Teja		
9	19NG1A05A3	Peddi Hemanth Kumar	CH.PHANI KUMAR	Personal AI Assistant for Seniors – Build a voice-based assistant to help elderly people manage medications, appointments, and reminders.
	19NG1A05C1	Yeluri Renukeerthana		
	19NG1A0570	Chintada Hemanth Kumar		
	19NG1A05B0	Suvvada Padmaja		
10	19NG1A0572	Dittakavi Hima Bindu	B.SOWMYA	Blockchain for Intellectual Property Protection – Store copyright or patent information on a blockchain for proof of ownership and timestamping.
	19NG1A0571	D Siva Naga Krishna Suraj		
	19NG1A0569	Chennapai Bhanu Prakash Varma		
	19NG1A05B1	Tamtam Kusuma		
11	20NG5A0502	Chittamsetti Chandra Moulika	T.N.MOUNIKA	AR for Remote Equipment Repair – Use AR to help technicians repair machinery with remote expert guidance overlayed in real-time.
	19NG1A0575	Ginjupalli Geethika		
	19NG1A0573	Dokku Chandra Sekhar		
	19NG1A05B3	Thumu Vinay Babu		
12	19NG1A0579	Immadisetty Sai Srikar	Dr. K.P.N.V.SATYA SREE	Emotion Recognition in E-Learning – Detect student emotions using webcam data to adapt the content delivery for better engagement.
	19NG1A05B4	Tirumalasetti Hema Akhilkumar		
	19NG1A0578	Gunadala Santosh Kumar		
	19NG1A05B5	Upputuri Dhanunjay Gowtham		
13	20NG5A0503	Choppara Sai Vasanthi	M.CHANTI BABU	AI-Generated Synthetic Voices for Accessibility – Create custom text-to-speech voices to help visually impaired or mute users communicate.
	20NG5A0505	Veeramachaneni Sai Praveen		
	19NG1A0581	Jogi Mahesh		
	19NG1A05B7	Vaddi Venkata Harshavardhan		
14	20NG5A0501	Adapa Pavani	S.GOGULAPRIYA	AI-Based Resume Screening – Automate resume filtering by matching keywords and ranking candidates using ML models.
	19NG1A05A9	Siva Naga Manikanta Nisankam		
	19NG1A0582	Kanaparthi Pradeep		
	19NG1A05B8	Vajja Prem Chandu		
15	19NG1A0567	Boyina Chandra Sekhar	Dr S.M.ROY CHOUDRI	Smart Dust for Environmental Sensing – Deploy mini sensor nodes ("smart dust") to collect
	19NG1A0594	Merugumala Prem Siva		
	19NG1A0583	Kundeti Adharsh		

	19NG1A05C4	Dasari Sandeepa Shivani		environmental data like air quality, temperature, etc.
16	20NG5A0506	Vemuri Hema Sri	M.SAMBA SIVA RAO	AI in Wildlife Poaching Prevention – Use drones and AI to monitor wildlife areas and detect suspicious activity.
	19NG1A0596	Mohammad Sameer		
17	19NG1A0577	Gudise Sravanthi	Dr. K.P.N.V.SATYA SREE	Gesture-Based Device Control System – Control basic devices (lights, fans, music) using hand gestures detected via camera.
	19NG1A05B6	Uttaravalli Devika		
	19NG1A0585	Maila Mohan Venkata Sai		
18	19NG1A0520	Gulipalli Praveen Kumar	Dr S.M.ROY CHOUDRI	AI-Based Legal Document Analyzer – Automatically review legal contracts and highlight key points.
	19NG1A0549	Pagadala Valli Devasena		
	19NG1A0522	Hema Chattu		
	19NG1A0533	Kuntigorla Bhargavi		
19	19NG1A0541	Nadipalli Ramya	M.SAMBA SIVA RAO	AI-Powered Fake News Detector – Detect misleading or false news using NLP.
	19NG1A0502	Alavala Kavya		
	19NG1A0550	Pamarthi Sravya		
	19NG1A0534	Makkena Swathi		
20	19NG1A0555	Rangu Mounika	Dr K.P.N.V.SATYA SREE	VR-Based Crime Scene Investigation Training – A training simulator for forensic teams.
	19NG1A0506	Bhimisetty Aasritha		
	19NG1A0563	Vege Sravan Kumar		
	19NG1A0535	Mathangi Rahul		
21	19NG1A0526	Kakarlapudi Kalyan Varma	Dr Asha Latha Bandi	AI-Based Sleep Quality Analysis – Analyze sleep patterns using audio and motion data from wearables.
	19NG1A0513	Dangudubiyyam Hindu		
	19NG1A0561	Valluru Nithin Krishna		
	19NG1A0536	Mathangi Sumana Sri		
22	19NG1A0511	Chintha Pratheepa	Dr K.P.N.V.SATYA SREE	AR-Based Home Interior Visualization – Allow users to visualize furniture placement before buying
	19NG1A0518	Gottipati Agraja		
	19NG1A0505	Bezavada Jagadeeswar		
	19NG1A0538	Mohammed Asharaf		
23	19NG1A0516	Galanki Paul Kishore Babu	Dr Chand Shaik	AI-Powered Automated Essay Grading – Evaluate essays based on grammar, structure, and relevance.
	19NG1A0560	Singampalli Sandeep		
	19NG1A0507	Bonadada Venkata Tarun Datt		
	19NG1A0539	Mohith Monoj Kumar Velamala		
24	19NG1A0501	Akkala Veera Venkata Durga Devi	B.V.PRAVEEN KUMAR	Blockchain-Powered Carbon Credit Trading – A transparent system for tracking carbon emissions and trading credits.
	19NG1A0537	Mohammad Younus		
	19NG1A0510	Chigurupati Sailesh		
	19NG1A0540	Mulpuri Lakshman Sai		
25	19NG1A0554	Potla Likitha	K.BHAVANI	
	19NG1A0512	Chodavarapu Bhanu Prakash		

				AR for Car Repair Assistance – Provide step-by-step repair instructions overlaid on the vehicle.
	19NG1A0542	Nagarapu Varun Madhav		
26	19NG1A0503	Allada Siva Naga Sai Gowtham	CH.PHANI	Blockchain-Based Voting System – A secure, decentralized voting platform.
	19NG1A0523	Jampana Sujitha		
	19NG1A0514	Degala Yaswanthini		
	19NG1A0544	Nalluri Bharath		
27	19NG1A0557	Shaik Afreen	B.SOWMYA	VR for Phobia Therapy – Simulate controlled environments to help patients overcome phobias.
	19NG1A0562	Varshitha Lavu		
	19NG1A0546	Nekkalapudi Uma Mahesh		
28	19NG1A0545	Nalluri Varshitha	T.N.MOUNIKA	Smart Contract-Based Supply Chain Tracker – Use blockchain to ensure product authenticity in supply chains.
	19NG1A0564	Vennu Swarna Malya		
	19NG1A0524	Jasti Venkatesh		
	19NG1A0548	Nimmagadda Sai Krishna		
29	19NG1A0517	Gandham Gowri Bhavani	M.CHANTI	AR-Based Smart Business Cards – Scan a card to view interactive details and contact options.
	19NG1A0521	Gunji Vijaya Lakshmi		
	19NG1A0551	Parepalli Vinod		
30	19NG1A0504	Anagani Bhavana	S.GOGULA PRIYA	AI-Enhanced CCTV Surveillance – Detect suspicious activities in real-time.
	19NG1A0547	Nersu Harischandra Siva Prasad		
	19NG1A0528	Karre Naga Ratna Kumar		
	19NG1A0552	Penugonda Durga Prasad		
31	19NG1A0527	Kannikanti Kranthi Kumari	Dr S.M.ROY CHOUDRI	NFT-Based Digital Identity Verification – Use NFTs for unique identity verification in online platforms.
	19NG1A0559	Shaik Karishma		
	19NG1A0530	Kolapalli Dhanush		
	19NG1A0553	P Sai Venkata Praveen Kumar		
32	19NG1A0529	Kodali Divya	M.SAMBA SIVA RAO	IoT-Powered Smart Refrigerator – Suggest recipes based on available ingredients.
	19NG1A0508	Channam Lavanya		
	19NG1A0531	Kondapalli Venkata Reddy		
	19NG1A0556	Sathuluri Abhishek		
33	19NG1A0509	Chigurupati Jyothi Kumar	Dr K.P.N.V.SATYA SREE	IoT-Based Disaster Alert System – Detect environmental changes and send early disaster warnings.
	19NG1A0515	Enikepalli Satish		
	19NG1A0532	Kummari Ganesh Babu		
	19NG1A0558	Shaik Fazulul Rehaman		
34	19NG1A0543	Nakka Sai Sarath	K.BHAVANI	Decentralized Medical Records System – Securely store and share patient records using blockchain.