

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING
CMR TECHNICAL CAMPUS



UGC Autonomous Institute

Accredited by NBA and NAAC with A Grade


Kandlakoya(V), Medchal Road, Hyderabad – 501 401


Mini Project Batches of IV-A 2023-2024



Sl.No.	Batch	Roll Number	Student Name	Project Guide	Project Title
1	A1	207R1A0403	B.ASHOK	G.Sravanthi	Smart Cooling System for Milk Transportation in rural Areas
2		207R1A0401	A.LOKESH		
3		207R1A0406	CH.SAI CHARAN		
4		207R1A0418	K.BHOOPESH		
5	A2	217R5A0404	K.DEEPIKA	Prof.G.Srikanth	Leaf Disease detection using Image Processing
6		207R1A0439	N.UDAY KIRAN		
7		217R5A0401	G.DEVIKA		
8		207R1A0449	SANTHOSH		
9	A3	217R5A0406	V.SHIVANI	B.Karunasree	IOT Based Air Quality monitoring system with email Notification
10		207R1A0440	P.VICTORY SHYAM KUMAR		
11		207R1A0423	K.VARALAKSHMI		
12		207R1A0413	G.SRIJA		
13	A4	207R1A0426	K.MEGHANA	Dr.Sudha Arvind	6G Next Generation Wireless Network
14		207R1A0414	G.BINDU PRIYA		
15		207R1A0415	G.AKANSHA		
16		207R1A0432	M.AKANSHA		
17	A5	207R1A0410	SIDHARTHA	Dr.Sudha Arvind	High-Rate Data Transmission by using Bit Loading Greedy Analysis
18		207R1A0407	RANJITH		
19		207R1A0408	BHARATH D		
20		207R1A0416	VIJAY SAGAR		
21	A6	207R1A0428	YASHWANTH	A.Vamshidhar Reddy	Energy Meter Reading with Load Control using GSM
22		207R1A0429	NITHIN LOGISETTY		
23		207R1A0434	DINESH REDDY		
24		207R1A0425	K.RAMYA		
25	A7	207R1A0457	VANAM CHANDU	T.Nagarjuna	Result Monitoring using SMS Based Voting System
26		207R1A0456	V.SRINATH RAO		
27		207R1A0459	KARTHIK NAIDU		
28		207R1A0460	SATHISH CHOUDHARY		

29	A8	207R1A0458	V.BHANU	Md.Abdul Naqi	Ultrasonic Navigation Stick for the Blind People
30		207R1A0453	S.NIKITHA		
31		207R1A0455	T.SHRAVANI		
32	A9	207R1A0430	LOKA KRUPA REDDY	D.Sreekanth	IOT Based Online weather Report System
33		207R1A0402	AVADOOtha NEHA		
34		207R1A0431	PRATHUSHA		
35		207R1A0435	PAVANI		
36	A10	207R1A0446	VASUDHA DURGA	S.Venkatesh	Smart Dustbins for Smart Cities ,GSM Based Garbage and Waste Collection Bins with SMS Alerts
37		207R1A0444	MOHANA MANIKANTA		
38		207R1A0445	MOUNAV		
39		187R1A0493	MEGHA KUDRIMOTI		
40	A11	207R1A0447	SIDHARTHA	Dr.Sudha Arvind	Traffic Light Priority Control for Emergency Vehicles
41		207R1A0448	P.PRANAY		
42		207R1A0452	PRASHANTH		
43		207R1A0437	VENU NALLAGANTI		
44	A12	217R5A0403	MAMKAR REGONDA	Dr.Sudha Arvind	GUI Based Advanced Modulation Techniques using Python
45		207R1A0427	KRISHNA TEJA		
46		207R1A0424	K.MOHAN KRISHNA		
47	A13	207R1A0421	SWASTHIK.K	Dr.Sudha Arvind	Petrol Pump Queue management system using IOT Technique
48		207R1A0419	ABHISHEK KALLEPU		
49		207R1A0420	HARSHITHA .K		
50		207R1A0442	P.AVINASH		
51	A14	207R1A0451	R.SAI GANESH	Dr.P.Venkatakrishnan	Driver Anti Sleep device
52		207R1A050	ACHYUTH RAO		
53		217R5A0402	MD.MEHMOOD		
54	A15	207R1A0404	RAMU GOUD	Prof.G.Srikanth	Water Level monitoring at Railway Bridges and Auto Warning System for Train to Avoid Accidents
55		207R1A0441	AJAY PALLEBOINA		
56		207R1A0412	SANDEEP		
57		207R1A0443	P.RAJENDRA KUMAR		
58	A16	217R5A0405	BINGI PRAVALIKA	B.Thanuja	Design and Development of a Hand Glove Controlled Wheel Chair
59		207R1A0411	BHAGYA LAKSHMI		
60		207R1A0436	MAHESH		

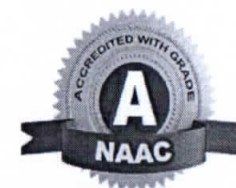

Dr.Sudha Arvind
Project Co-ordinator


Prof.G.Srikanth
HoD-ECE

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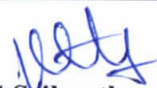
Department of ECE

Academic Year 2023-2024 try Oriented Mini Project ECE-IVC

S. No	Batch No.	Roll No.	Name of the Student	Title of the Project	Domain	Centre of Research	Name of the Guide
1	C1	207R1A04G2	MULGE KEERTHI	Accident Identification using RF Technology	Embedded Systems	CVESD	Mrs.M.Sravanthi
2		207R1A04G7	PANDARAJU DIVYA SAHITHI				
3		207R1A04D6	D. SHARATH KUMAR				
4	C2	207R1A04H9	VENGALA VASUNDHARA	Intelligent alarm system of driver fatigue using MATLAB	DIP	CSIP	Ch.Narendar
5		207R1A04C8	BANSUWADA LAXMAN REDDY				
6		207R1A04G8	PATHLOTH SANDHYA				
7	C3	207R1A04D5	DHANASIRI VARSHA	Automatic sanitizer system contactless	Embedded Systems	CVESD	Mr A.Vamshidhar Reddy
8		207R1A04H8	V. SWAMI AVINASH				
9		207R1A04E7	K.SAI CHARAN REDDY				
10		207R1A04D7	D.MADHU CHAITANYA				
11	C4	207R1A04F5	MALLE INDHU	Soil Classification using MATLAB	DIP	CSIP	Dr.Venkata Krishnan
12		217R1A0415	V RAJESH				
13		217R1A0414	EMBA ABHILASH				
15	C5	217R1A0413	MOTHE SNEHA	Railways accident avoiding system based on microcontroller	Embedded Systems	CVESD	Dr.B.Doss
16		207R1A04D4	DEYAVATH MAHESHWARI				
17		207R1A04C6	BADAM SHASHANKRAJ				
18		217R1A0418	PERUGU VAMSHI KRISHNA				
19	C6	207R1A04H1	R.ANIL KUMAR	Visual object tracking in Drone image with deep reinforcement learning	DIP	CSIP	Mr.S.Mallesh
20		207R1A04C3	KONDA ARUN SAI				
21		207R1A04F7	M.SRI VISHNU VARDHAN				
22		207R1A04F6	MADASI CHARAN TEJA				
23	C7	207R1A04H5	SHEELAM ARAVIND REDDY	Image contrast enhancement in automatic mode by non linear stretching	DIP	CSIP	Mr.D.Sreekanth
24		207R1A04F3	L.SAI NAGA SUDESH				
25		207R1A04E9	K.RAGHAVENDRA REDDY				
26		207R1A04F8	MALLALA PRANEETH SAI				
27	C8	207R1A04H6	SRI HARI PATIL	Satellite image enhancement for small particles observation using decorrelation stretcher	DIP	CSIP	Dr K.Bharath Kumar
28		207R1A04F4	M NAVYA SRI				
29		207R1A04D0	BATTULA LIKHITHA REDDY				
30		207R1A04E5	BILLU KALAGAMAN GOUD				

31	C9	207R1A04C9	BASHABOINA KEERTHANA	Alcohol Sensing and Engine Locking System	Embedded Systems	CVESD	Mr.S.Venkatesh
32		207R1A04D2	DARGA SIRISHA				
33		207R1A04F0	KODURI SAI KRISHNA				
34		207R1A04H4	SHATRABOINA AKHIL				
35	C10	207R1A04C4	AVULA HARSHITHA	Fast underwater image enhancement for real time applications	DIP	CSIP	Dr.K.Mohana Lakshmi
36		207R1A04G6	PABBOZ ANUSHKA				
37		207R1A04D9	GANDEED MAHESH				
38		207R1A04E4	KURAGAYALA AKASH				
39	C11	207R1A04J0	VILASAGARAM HARIPRIYA	Green house monitoring and control system using IOT	Embedded Systems	CVESD	Dr.V.Mahesh Sonth
40		207R1A04G5	PESARU SOWMYA				
41		207R1A04E6	KANNAM ARJUN KUMAR				
42		207R1A04D3	D.KIRAN CHANDU				
43	C12	207R1A04C2	ARUKALA JAYASHANKAR	Information hiding in the iimage enhancement	DIP	CSIP	Dr.K.Mohana Lakshmi
44		207R1A04G4	PENDYALA SUJITH				
45		207R1A04C7	BANOTH SIDDHU				
46		207R1A04D1	B.SAI MANOJ NAIDU				
47	C13	207R1A04F1	KONDA RAMYASRI	A database for brain tumor diagnosis and detection	DIP	CSIP	Dr.P.Sireesha
48		207R1A04G3	MYAKALA MADANDATTA				
49		207R1A04H0	P.BHANU PRAKASH				
50		207R1A04H7	T.PRASHANTH REDDY				
51	C14	207R1A04F9	M.SAI DEEPTHI	Design of Tracking visual object as an extended target usingMATLAB	DIP	CSIP	Dr.Suraya Mubeen
52		207R1A04H3	RASALA LITHISH				
53		207R1A04E2	J.PREMKUMAR REDDY				
54		207R1A04G1	M.BHARATH VARMA				
55	C15	207R1A04E1	GORLA KARTHIK	Smoke detection alaram in forest and alert system	Embedded Systems	CVESD	Dr.K.Mohana Lakshmi
56		207R1A04G0	MEDAM ANUSHA				
57		207R1A04E3	KOWLURI KALYAN RAJ				
58		207R1A04F2	LAKAVATH VINESH				
59	C16	217R1A0416	BOGGULA NANDA KISHORE	Simple and Secure Image Staganography using LSB and triple XOR operation on MSB	DIP	CSIP	Dr.B.Doss
60		207R1A04G9	PATHURI SRUTHI				
61		217R1A0417	G.SAI PRASAD				
62		207R1A04C1	ABDUL KARIM				


Dr.K.Mohana Lakshmi
Project Co-ordinator

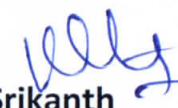

Prof.G.Srikanth
HoD-ECE

Department of ECE
Academic Year 2023-2024
Industry Oriented Mini Project -B

S.NO	Batch	Roll.no	Name of Student	Title of Project	Domain	Centre of Research	Name of Guide
1	B-1	207R1A0463	A.Sathvika	MIMO Radar and Cellular Coexistence :A Power Efficient Approach Enabled by Interference Exploitation	Communications (Software)	CACS	Prof.G.Srikanth
		207R1A0485	G.Manohar				
		207R1A0499	N.Rajeshwar Reddy				
		207R1A0474	D.Rahul				
2	B-2	207R1A0472	CH.Ganesh	Deep Learning underwater image color correction and contrast enhancement based on hue preservation	Image Processing (Software)	CSIP	S.Mallesh
		207R1A0473	CH.Akhil Reddy				
		207R1A0469	B.Shiva Keerthan				
		207R1A0478	D.Naveen				
3	B-3	207R1A04A5	P.Suresh	Implementation of Cell Phone Control through Home Appliances	Embedded Systems (Software+Hardware)	CACS	Dr.Suraya Mubeen
		207R1A04A2	N.Dinesh				
		207R1A0464	B.Rahul				
4	B-4	207R1A04A6	P.Karthik	Backscatter-assisted wireless powered communication networks with multiple antennas	Communications (Software)	CACS	Dr.Suraya Mubeen
		207R1A0476	D.Abhishek				
		207R1A0465	B.Akshith Reddy				
		207R1A04B9	V.Sonali				
5	B-5	207R1A0480	E.Sathvika	Solar Power IOT AGRIBOT with auto plough seed and sprinple	IOT	CACS	Dr. K. Bharath Kumar
		207R1A0490	K.Swaroopa				
		207R1A0488	K.Sathvika				
		207R1A0461	A.Nikhil				
6	B-6	207R1A04A3	P.Vahnitha	Glaucoma Prediction for Eye disease using Machine Learning	AI/ML(Software)	CSIP	Dr.K.Mohana Lakshmi
		207R1A0492	K.Sri Ram				
		207R1A0487	K.Praveen				
		207R1A0497	M.Saleem				
7	B-7	207R1A04B6	T.Rakshith	Design and Implementation of Cryptography processor used in smart cards with an efficient area on FPGA	VLSI Design(Hardware and software)	CVESD.	Dr. Mahesh V Sonth
		207R1A0484	G.Shiva Koti Reddy				
		207R1A0481	G.Jagadeesh				
		207R1A0462	A.Vasanth				

8	B-8	207R1A04B8	T.Ashok	Implementation of Sample Income Data Set analysis Using Tableau	Data Science(Software)	CSIP	Dr.Ch.Sudhamani
		207R1A0495	M.Sai Teja				
		207R1A04B4	T.Dutta Venkatesh				
		207R1A04B0	S.Sai Kishore				
9	B-9	207R1A0477	D.Jatin	Automatic Vehicle counting for IoT based smart traffic management System	Embedded Systems(Software+Hardware)	CVESD	B.thanuja
		207R1A0498	M.Sikandar Hussain				
		217R5A0409	Sh.Imran Hussain				
		207R1A04B1	S.Sai Srinivas				
10	B-10	207R1A04A0	N.Sai Teja	Energy Efficient Resource Allocation for 5G Cognitive radio NOMA Using Game theory	Communications(Software)	CACS	Dr.P.Sirresha
		207R1A0493	L.Vijaya Lakshmi				
		207R1A04B7	T.Srija				
		207R1A04A4	P.Neeraj Kumar				
11	B-11	207R1A04A8	R.Meghana	Trends and Challenges for the Spectrum Efficiency in NOMA and MIMO Based Cognitive radio for 5G Networks	Communications(Software)	CACS	Dr.Suraya Mubeen
		207R1A0479	D.Naveen				
		207R1A04B3	T.Avanthi				
		207R1A0470	C.Sankirth				
12	B-12	217R5A0412	M.Sai Tharun	Minimum Time Delay with Image filtering for Brain Tumour detection using MATLAB	Image Processing(Software)	CVESD	Dr.K.Mohana Lakshmi
		207R1A04C0	V.Sathya Prakash				
		207R1A0494	M.Jayanth				
		207R1A0475	D.Akshayani				
13	B-13	217R5A0407	S.Praveen Reddy	An Efficient Vedic Multipler for Reinforcement Learning	VLSI Design(Hardware and software)	CVESD	B.Karunasree
		207R1A0466	B.Dinesh Kumar				
		207R1A0482	G.Shashivanth				
		207R1A0483	G.Vignan Reddy				
14	B-14	217R5A0411	M.Keerthana	Channel Estimation for TDD Uplink Massive MIMO Systems Via Compressed Sensing	Communications(Software)	CVESD	M.Sravanthi
		217R5A0408	N.Yogitha				
		207R1A0486	J.Akshara				
		207R1A0467	B.Dinesh Chandra				
15	B-15	217R5A0410	K.Varsha	Fruit Condition Classification Using MATLAB	Image Processing(Software)	CSIP	Md.Abdul Naqi
		207R1A04B5	T.Naveen				
		207R1A0496	M.Sadik				
		207R1A04A1	N.Chennakeshava Naidu				
16	B-16	207R1A0491	K.Ajith Gil Yadav	Synthesis of Water level detector and auto fill in tank	Embedded Systems(Hardware)	CVESD	K.Prasanna Kumari
		207R1A04A7	R.Naveen Chandu				
		207R1A0489	K.Abhinav				


Dr.Suraya Mubeen
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