

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

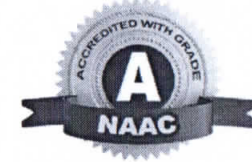
CMR TECHNICAL CAMPUS

UGC Autonomous Institute

Accredited by NBA and NAAC with A Grade


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

Major Project IV-A 2023-2024



Sl.No.	Batch No.	Roll Number	Student Name	Project Guide	Project Title
1	A1	207R1A0403	B.ASHOK	G.Sravanthi	Wireless Home Security using IoT
2		207R1A0406	CH.SAI CHARAN		
3		207R1A0401	A.LOKESH		
4		207R1A0418	K.BHOOPESH		
5	A2	217R5A0404	K.DEEPIKA	Prof.G.Srikanth	Liver Cancer Prediction using Matlab
6		207R1A0439	N.UDAY KIRAN		
7		207R1A0449	R.SANTHOSH		
8		217R5A0401	G.DEVIKA		
9	A3	217R5A0406	V.SHIVANI	B.Karunasree	Underground Cable Fault Detection System with Distance Locator
10		207R1A0440	P.VICTORY SHYAM KUMAR		
11		207R1A0423	K.VARALAKSHMI		
12		207R1A0413	G.SRIJA		
13	A4	207R1A0426	K.MEGHANA	Dr.Sudha Arvind	GSM and GPS Location Tracking based Women Safety System
14		207R1A0414	G.BINDU PRIYA		
15		207R1A0415	G.AKANSHA		
16		207R1A0432	M.AKANSHA		
17	A5	207R1A0410	D.SIDDARTHA	Dr.Sudha Arvind	IoT-Based Power Pilferage Detection System
18		207R1A0407	CH.RANJITH		
19		207R1A0408	D.BHARATH		
20		207R1A0416	G.VIJAY SAGAR		
21	A6	207R1A0428	YASHIWANTH	.Vamshidhar Reddy	Fingerprint and RFID based Bike and Car Ignition System
22		207R1A0429	NITHIN LOGISETTY		
23		207R1A0434	DINESH REDDY		
24		207R1A0425	K.RAMYA		
25	A7	207R1A0459	Y.KARTHIK	T.Nagarjuna	Voice GPT using Python
26		207R1A0456	V.SRINATH		
27		207R1A0460	Y.SATHISH		
28		207R1A0457	V.SAI CHANDU		

29	A8	207R1A0458	V.BHANU	Md.Abdul Naqi	High Accuracy Bank Locker Security System Using GSM and GPS
30		207R1A0453	S.NIKITHA		
31		207R1A0455	T.SHRAVANI		
32	A9	207R1A0430	L. KRUPA	D.Sreekanth	Detection of Fake News using LSTM Algorithm
33		207R1A0402	A. NEHA		
34		207R1A0431	M.PRATHYUSHA		
35		207R1A0435	M.PAVANI		
36	A10	207R1A0446	P.VASUDHA	S.Venkatesh	Railway Signalling System using Zigbee Technology
37		187R1A0493	K.MEGHA		
38		207R1A0445	P.MOUNAV		
39		207R1A0444	P.MANIKANTA		
40	A11	207R1A0447	SIDDHARTHA	A.Sri Divya	IOT Based Coal Mine Safety Monitoring and Alerting System
41		207R1A0448	PRANAY		
42		207R1A0452	PRASHANTH		
43		207R1A0437	VENU		
44	A12	217R5A0403	R.MAMKAR	Dr.Sudha Arvind	Pi-Hole Based Network Protection with Personal Cloud using Raspberry Pi
45		207R1A0424	K.MOHAN KRISHNA		
46		207R1A0427	K.KRISHNA TEJA		
47	A13	207R1A0421	K.SWASTHIK	Dishad Shaik	Substation Management and Control in Distributed power Grids through IoT
48		207R1A0442	P.AVINASH		
49		207R1A0420	K.HARSHITHA		
50		207R1A0419	K.ABHISHEK		
51	A14	207R1A0451	R.SAI GANESH	r.P.Venkatakrishn	Restoration of Energy for the Electric Vehicles
52		207R1A0450	R.ACHYUTH RAO		
53		217R5A0402	MD.MEHAMOOD		
54	A15	207R1A0404	B.RAMU	Prof.G.Srikanth	Occupancy Detection of Smart Buildings using Android IoT
55		207R1A0412	G.SANDEEP		
56		207R1A0441	P.AJAY		
57		207R1A0443	P.RAJENDAR		
58	A16	217R5A0405	B. PRAVALIKA	B.Thanuja	Secret Sharing based reversible data hiding in Encrypted Image with Multiple Data Hiders
59		207R1A0411	E.BHAGYA LAKSHMI		
60		207R1A0436	M.MAHESH BABU		


Dr.Sudha Arvind
 Project Co-ordinator


Prof.G.Srikanth
 HoD-ECE

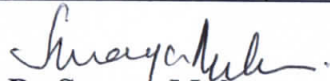
Department of ECE IV - B

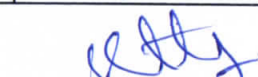
Academic Year 2023-2024

Major Project

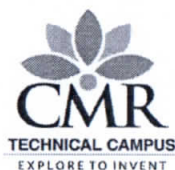
Batch	Roll.no	Name of Student	Title of Project	Domain	Centre of Research	Name of Guide
B-1	207R1A0463	A.Sathvika	Implementation of Theft Intimation of Vehicle over SMS using IOT(OWN)	IOT(Hardware)	CVESD	Prof.G.Srikanth
	207R1A0485	G.Manohar				
	207R1A0499	N.Rajeshwar Reddy				
	207R1A0474	D.Rahul				
B-2	207R1A0472	CH.Ganesh	An Improved Discrete Tomography Algorithm for Reconstructing Images with Multiple Gray levels	Image Processing (Software)	CSIP	S.Mallesh
	207R1A0473	CH.Akhil Reddy				
	207R1A0469	B.Shiva Keerthan				
	207R1A0478	D.Naveen				
B-3	207R1A04A5	P.Suresh	Home security Using GSM	Embedded Systems (Software+Hardware)	CACS	A.Sri Divya
	207R1A04A2	N.Dinesh				
	207R1A0464	B.Rahul				
	207R1A0471	CH.Pavan				
B-4	207R1A04A6	P.Karthik	Multidimensional Contrast Limited Adaptive Histogram Equalisation	Image Processing (Software)	CSIP	Sk.Dilshad
	207R1A0476	D.Abhishek				
	207R1A0465	B.Akshith Reddy				
	207R1A04B9	V.Sonali				
B-5	207R1A0480	E.Sathvika	Design of wearable patch antenna for wireless body area networks (OWN)	IOT	CACS	Dr. K. Bharath Kumar
	207R1A0490	K.Swaroop				
	207R1A0488	K.Sathvika				
	207R1A0461	A.Nikhil				
B-6	207R1A04A3	P.Vahnitha	A Robust Security framework for cloud based logistics services	embedded Systems (Hardware)	CSIP	Dr.K.Mohana Lakshmi
	207R1A0492	K.Sri Ram				
	207R1A0487	K.Praveen				
	207R1A0497	M.Saleem				
B-7	207R1A04B6	T.Rakshith	Bank locker systems using fingerprint security(QWN)	VLSI Design (Hardware and software)	CVESD	Dr. Mahesh V Sonth
	207R1A0484	G.Shiva Koti Reddy				
	207R1A0481	G.Jagadeesh				
	207R1A0462	A.Vasanth				

B-8	207R1A04B8	T.Ashok	CMRTC Student Forum Using Web Development(OWN)	Data Science (Software)	CSIP	Dr.Ch.Sudhamani
	207R1A0495	M.Sai Teja				
	207R1A04B4	T.Dutta Venkatesh				
	207R1A04B0	S.Sai Kishore				
B-9	207R1A0477	D.Jatin	LIFI Based Under water communications Using Arduino	Embedded Systems (Software+Hardware)	CVESD	B.thanuja
	207R1A0498	M.Sikandar Hussain				
	207R1A0491	K.Ajtih Gill yadav				
	207R1A04B1	S.Sai Srinivas				
B-10	207R1A04A0	N.Sai Teja	An Efficient Surrogated Assisted Particle Swarm Optimisation for Antenna Synthesis	Communications (Software)	CACS	Dr.P.Sirresha
	207R1A0493	L.Vijaya Lakshmi				
	207R1A04B7	T.Srija				
	207R1A04A4	P.Neeraj Kumar				
B-11	207R1A04A8	R.Meghana	Design of Filter Bank Multi Carrier Modulation Schemes for Future Mobile Communications	Communications (Software)	CACS	Dr.Suraya Mubeen
	207R1A0479	D.Naveen				
	207R1A04B3	T.Avanthi				
	207R1A0470	C.Sankirth				
B-12	217R5A0412	M.Sai Tharun	Segmentation of Eye Fundus Images by Density Clustreing in Diabetic Retinopathy	Image Processing (Software)	CSIP	Dr.K.Mohana Lakshmi
	207R1A04C0	V.Sathya Prakash				
	207R1A0494	M.Jayanth				
	207R1A0475	D.Akshayani				
B-13	217R5A0407	S.Praveen Reddy	Implementation of Reversible data hiding in encrypted image	VLSI Design (Hardware and software)	CVESD	B.Karunasree
	207R1A0466	B.Dinesh Kumar				
	207R1A0482	G.Shashivanth				
	207R1A0483	G.Vignan Reddy				
B-14	217R5A0411	M.Keerthana	Hand Gesture Reconigisation system Using modified SVM and Hybrid Ensemble Classifier	Image Processing (Software)	CSIP	M.Sravanthi
	217R5A0408	N.Yogitha				
	207R1A0486	J.Akshara				
	207R1A0467	B.Dinesh Chandra				
B-15	217R5A0410	K.Varsha	Scalable Cell free Massive Mimo Systems	Image Processing (Software)	CSIP	Md.Abdul Naqi
	207R1A04B5	T.Naveen				
	207R1A0496	M.Sadik				
	207R1A04A1	N.Chennakeshava Naidu				
B-16	207R1A0491	K.Ajith Gil Yadav	A Robust MP3 Audio Steganography with improved capacity	Software	CVESD	K.Prasanna Kumari
	207R1A04A7	R.Naveen Chandu				
	207R1A0489	K.Abhinav				

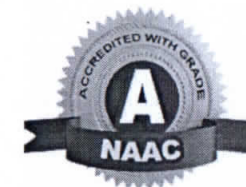

Dr.Suraya Mubeen
Project Coordinator


G.Srikanth
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B.Tech ECE IV-C Major Project Batches and Titles 2023-2024

S. No	Batch No.	Roll No.	Student Name	Name of the Guide	Title of the Project	Domain
1	C1	207R1A04G2	MULGE KEERTHI	Mrs.M.Sravanthi	A robust security framework for cloud based logistics services	Software
2		207R1A04G7	PANDARAJU DIVYA SAHITHI			
3		207R1A04D6	D. SHARATH KUMAR			
4	C2	207R1A04H9	VENGALA VASUNDHARA	Ch.Narendar	Solider Health Monitoring and Tracking Using GSM GPS	Embedded
5		207R1A04C8	BANSUWADA LAXMAN REDDY			
6		207R1A04G8	PATHLOTH SANDHYA			
7	C3	207R1A04D5	DHANASIRI VARSHA	Mr A.Vamshidhar Reddy	Automatic Traffic light control based on density	Embedded
8		207R1A04H8	V. SWAMI AVINASH			
9		207R1A04E7	K.SAI CHARAN REDDY			
10		207R1A04D7	D.MADHU CHAITANYA			
11	C4	207R1A04F5	MALLE INDHU	Dr.Venkata Krishnan	Secure medical data transmission model for healthcare systems	software
12		217R1A0415	V RAJESH			
13		217R1A0414	EMBA ABHILASH			
14		207R1A04D8	G SHASHANK			
15	C5	217R1A0413	MOTHE SNEHA	Dr.B.Doss	Signature verification using normalized static features and verification	software
16		207R1A04D4	DEYAVATH MAHESHWARI			
17		207R1A04C6	BADAM SHASHANKRAJ			
18		217R1A0418	PERUGU VAMSHI KRISHNA			
19	C6	207R1A04H1	R.ANIL KUMAR	Mr.S.Mallesh	Low Complexity ACC-DCT Based Video Compression	software
20		207R1A04C3	KONDA ARUN SAI			
21		207R1A04F7	M.SRI VISHNU VARDHAN			
22		207R1A04F6	MADASI CHARAN TEJA			
23	C7	207R1A04H5	SHEELAM ARAVIND REDDY	Mr.D.Sreekanth	Scalable cell-free massive MIMO systems	software
24		207R1A04F3	L.SAI NAGA SUDESH			
25		207R1A04E9	K.RAGHAVENDRA REDDY			
26		207R1A04F8	MALLALA PRANEETH SAI			

27	C8	207R1A04H6	SRI HARI PATIL	Dr.K.Bharath Kumar	LIFI Based parameter Monitoring System for Space Applications	Embedded
28		207R1A04F4	M NAVYA SRI			
29		207R1A04D0	BATTULA LIKHITHA REDDY			
30		207R1A04E5	BILLU KALAGAMAN GOUD			
31	C9	207R1A04C9	BASHABOINA KEERTHANA	Mr.S.Venkatesh	Bomb Disposal Robot With Email Alert Or Live Video Streaming	Hardware
32		207R1A04D2	DARGA SIRISHA			
33		207R1A04F0	KODURI SAI KRISHNA			
34		207R1A04H4	SHATRABOINA AKHIL			
35	C10	207R1A04C4	AVULA HARSHITHA	Dr.K.Mohana Lakshmi	Detection Of Liver Cancer Using K-means clustering algorithm	software
36		207R1A04G6	PABBOZ ANUSHKA			
37		207R1A04D9	GANDEED MAHESH			
38		207R1A04E4	KURAGAYALA AKASH			
39	C11	207R1A04J0	VILASAGARAM HARIPRIYA	Dr.V.Mahesh Sonth	IOT Based Coal Mine Safety Monitoring and Alerting System	Embedded
40		207R1A04G5	PESARU SOWMYA			
41		207R1A04E6	KANNAM ARJUN KUMAR			
42		207R1A04D3	D.KIRAN CHANDU			
43	C12	207R1A04C2	ARUKALA JAYASHANKAR	Dr.K.Mohana Lakshmi	Breast Cancer Diagnosis Using Image Processing And Machine Learning For Elastography Images	software
44		207R1A04G4	PENDYALA SUJITH			
45		207R1A04C7	BANOTH SIDDHU			
46		207R1A04D1	B.SAI MANOJ NAIDU			
47	C13	207R1A04F1	KONDA RAMYASRI	Dr.P.Sireesha	Class attendance management system using face recognition	software
48		207R1A04G3	MYAKALA MADANDATTA			
49		207R1A04H0	P.BHANU PRAKASH			
50		207R1A04H7	T.PRASHANTH REDDY			
51	C14	207R1A04F9	M.SAI DEEPTHI	Dr.Suraya Mubeen	QOE-Driven intgerated Heterogeneous Traffic Resource Allocation Based On Cooperative Learning For 5G Congitive Radio	software
52		207R1A04H3	RASALA LITHISH			
53		207R1A04E2	J.PREMKUMAR REDDY			
54		207R1A04G1	M.BHARATH VARMA			
55	C15	207R1A04E1	GORLA KARTHIK	V.Mounika	Blind waking stick using sensors,GPS and GSM modules with voice announcement	Embedded
56		207R1A04G0	MEDAM ANUSHA			
57		207R1A04E3	KOWLURI KALYAN RAJ			
58		207R1A04F2	LAKAVATH VINESH			
59	C16	217R1A0416	BOGGULA NANDA KISHORE	Dr.B.Doss	Skin disease detection and classification	software
60		207R1A04G9	PATHURI SRUTHI			
61		217R1A0417	G.SAI PRASAD			
62		207R1A04C1	ABDUL KARIM			


Dr.K.Mohana Lakshmi
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