

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERIN

CMR TECHNICAL CAMPUS

UGC Autonomous Institute

Accredited by NBA and NAAC with A Grade
Kandlakoya(V), Medchal Road, Hyderabad – 501 401



Mini Project III-A Project Batch List
Academic Year 2022-2023

Sl.No.	Batch Number	Roll Number	Student Name	Team Leader Mailid	Project Guide	Project Title	Domain
1	A1	207R1A0403	B.ASHOK	ashokyadav00658@gmail.com	G.Sravanthi	Smart Cooling System for Milk Transportation in rural Areas	Embedded Systems
2		207R1A0401	A.LOKESH				
3		207R1A0406	CH.SAI CHARAN				
4		207R1A0418	K.BHOOPESH				
5	A2	217R5A0404	K.DEEPIKA	217r5a404@cmrtc.ac.in	Prof.G.Srikanth	Leaf Disease Detection using Image Processing	DIP
6		207R1A0439	N.UDAY KIRAN				
7		217R5A0401	G.DEVIKA				
8		207R1A0449	SANTHOSH				
9	A3	217R5A0406	V.SHIVANI	reddy.shivani922@gmail.com	B.Karunasree	IOT Based Air Quality monitoring system with email Notification	Embedded Systems
10		207R1A0440	P.VICTORY SHYAM KUMAR				
11		207R1A0423	K.VARALAKSHMI				
12		207R1A0413	G.SRIJA				
13	A4	207R1A0426	K.MEGHANA	meghanakoppula88@gmail.com	Dr.Sudha Arvind	6G Next Generation Wireless Network	Digital Communications
14		207R1A0414	G.BINDU PRIYA				
15		207R1A0415	G.AKANSHA				
16		207R1A0432	M.AKANSHA				
17	A5	207R1A0410	SIDHARTHA	siddarthadatrika7@gmail.com	Dr.Sudha Arvind	High-Rate Ultrasonic Through Wall Communications using Bit Loading Greedy Analysis	Digital Communications
18		207R1A0407	RANJITH				
19		207R1A0408	BHARATH D				
20		207R1A0416	VIJAY SAGAR				
21	A6	207R1A0428	YASHWANTH	goudsunny94@gmail.com	A.Vamshidhar Reddy	Energy Meter Reading with Load Control using GSM	Embedded Systems
22		207R1A0429	NITHIN LOGISETTY				
23		207R1A0434	DINESH REDDY				
24		207R1A0425	K.RAMYA				
25	A7	207R1A0457	VANAM CHANDU	saichanduvanam@gmail.com	T.Nagarjuna	SMS Based Voting System	Embedded Systems
26		207R1A0456	V.SRINATH RAO				
27		207R1A0459	KARTHIK NAIDU				
28		207R1A0460	SATHISH CHOUDHARY				
29	A8	207R1A0458	V.BHANU	bhanuvura@gmail.com	Md.Abdul Naqi	Ultrasonic Navigation stick for the Blind using STM32	Embedded Systems
30		207R1A0453	S.NIKITHA				
31		207R1A0455	T.SHRAVANI				
32		207R1A0430	LOKA KRUPA REDDY				
33	A9	207R1A0402	AVADOOtha NEHA	207r1a0430@cmrtc.ac.in	D.Sreekanth	IOT Based Online weather report streaming with Graphs	Embedded Systems
34		207R1A0431	PRATHUSHA				
35		207R1A0435	PAVANI				
36		207R1A0446	VASUDHA DURGA				
37	A10	207R1A0444	MOHANA MANIKANTA	207r1a0446@cmrtc.ac.in	S.Venkaresh	Smart Dustbins for Smart Cities ,GSM Based Garbage and Waste Collection Bins with SMS Alerts	Embedded Systems
38		207R1A0445	MOUNAV				
39		187R1A0493	MEGHA KUDRIMOTI				

40	A11	207R1A0447	SIDHARTHA	207r1a0447@cmrtc.ac.in	Dr.K.Mohanalakshmi	Traffic Light Priority Control for Emergency Vehicles	Embedded Systems
41		207R1A0448	P.PRANAY				
42		207R1A0452	PRASHANTH				
43		207R1A0437	VENU NALLAGANTI				
44	A12	217R5A0403	MAMKAR REGONDA	217r5a0403@cmrtc.ac.in	Dr.Sudha Arvind	Advanced Modulation Techniques using Python	Digital Communications
45		207R1A0427	KRISHNA TEJA				
46		207R1A0424	K.MOHAN KRISHNA				
47	A13	207R1A0421	SWASTHIK.K	207r1a0421@cmrtc.ac.in	Dilshad Shaik	Petrol Pump Queue Management System for Sultanate of Oman using IoT Technique	Embedded Systems
48		207R1A0419	ABHISHEK KALLEPU				
49		207R1A0420	HARSHITHA .K				
50		207R1A0442	P.AVINASH				
51	A14	207R1A0451	R.SAI GANESH	officialsai123@gmail.com	Dr.P.Venkatakrishnan	Driver Anti Sleep device	Embedded Systems
52		207R1A050	ACHYUTH RAO				
53		217R5A0402	MD.MEHMOOD				
54	A15	207R1A0404	RAMU GOUD	ramugoubathini143@gmail.com	R.Manoj Prakash Rao	Water Level monitoring at Railway Bridges and Auto Warning System for Train to Avoid Accidents	Embedded Systems
55		207R1A0441	AJAY PALLEBOINA				
56		207R1A0412	SANDEEP				
57	A16	217R5A0405	BINGI PRAVALIKA	217r5a0405@cmrtc.ac.in	B.Thanuja	Design and Development of a Hand Glove Controlled Wheel Chair	Embedded Systems
58		207R1A0411	BHAGYA LAKSHMI				
59		207R1A0436	MAHESH				

Dr.Sudha Arvind
Project Co-ordinator

Prof.G.Srikanth

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Estd: 2009



Department of ECE

			Academic Year 2022-2023	Industry Oriented Mini Project -B			
S.NO.	Batch No	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)	CVESD	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.Malles
		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	207R1A0471	CH.Pavan	Backscatter-assisted wireless powered communication networks with multiple antennas	Communications(Software)	CACS	Dr.Suraya Mubeen
		207R1A04A6	P.Karthik				
		207R1A0476	D.Abhishek				
		207R1A0465	B.Akshith Reddy				
5	B-5	207R1A04B9	V.Sonali	Solar Power IOT AGRIBOT with auto plough seed and sprinle	IOT	CACS	Dr. K. Bharath Kumar
		207R1A0480	E.Sathvika				
		207R1A0490	K.Swaroop				
		207R1A0488	K.Sathvika				
6	B-6	207R1A0461	A.Nikhil	Glaucoma Prediction for Eye disease using Machine Learning	AI/ML(Software)	CSIP	Dr.K.Mohana Lakshmi
		207R1A04A3	P.Vahnitha				
		207R1A0492	K.Sri Ram				
		207R1A0487	K.Praveen				
7	B-7	207R1A0497	M.Saleem	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
		207R1A04B6	T.Rakshith				
		207R1A0484	G.Shiva Koti Reddy				
		207R1A0481	G.Jagadeesh				
8	B-8	207R1A0462	A.Vasanth	Implementation for Sample Income data set analysis Using Python	Data Science(Software)	CSIP	Md.Amenuddin
		207R1A04B8	T.Ashok				
		207R1A0495	M.Sai Teja				
		207R1A04B4	T.Dutta Venkatesh				
9	B-9	207R1A04B0	S.Sai Kishore	Automatic Vehicle counting for IoT based smart traffic management System	Embedded Systems(Software+Hardware)	CVESD	B.Thanuja
		207R1A0477	D.Jatin				
		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	V.Bhavana
		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	Sk.Dilshad
		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	A.Sri Divya
		217R5A0408	N.Yogitha				
		207R1A0486	J.Akshara				
		207R1A0467	B.Dinesh Chandra				
15	B-15	217R5A0410	K.Varsha	Detection and Classification of fruit diseases using Image Processing and cloud computing	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
Project Coordinator

G.Srikanth
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING								
Third Year ECE - C Minor Project 2023								
Section: C		Total No. of Candidates: 62					Date:	
S. No	Batch No.	Title of the Project	Domain	Name of the Guide	Roll No.	Student Name	Signature	Remarks
1	BATCH 1	accident identification using RF	Embedded	Dr.Venkata Krishnan	207R1A04G2	MULGE KEERTHI		
2					207R1A04G7	PANDARAJU DIVYA SAHITHI		
3					207R1A04D6	D. SHARATH KUMAR		
4	BATCH 2	Intelligent alert system for driver fatigue	DIP	Ch.narendar	207R1A04H9	VENGALA VASUNDHARA		
5					207R1A04C8	BANSUWADA LAXMAN REDDY		
6					207R1A04G8	PATHLOTH SANDHYA		
7	BATCH 3	Automatic sanitizer system contact less	Embedded	Mr A.Vamshidhar Redd	207R1A04D5	DHANASIRI VARSHA		
8					207R1A04H8	V. SWAMI AVINASH		
9					207R1A04E7	K.SAI CHARAN REDDY		
10					207R1A04D7	D.MADHU CHAITANYA		
11	BATCH 4	soil classification using mat lab	DIP	Dr.B.Doss	207R1A04F5	MALLE INDHU		
12					217R1A0415	V RAJESH		
13					217R1A0414	EMBA ABHILASH		
14					207R1A04D8	G SHASHANK		
15	BATCH 5	railways accident avoiding system based on micro controller	Embedded	Dr.B.Doss	217R1A0413	MOTHE SNEHA		
16					207R1A04D4	DEYAVATH MAHESHWARI		
17					207R1A04C6	BADAM SHASHANKRAJ		
18					217R1A0418	PERUGU VAMSHI KRISHNA		
19	BATCH 6	Drone image tracking	DIP	Mr.S.Mallesh	207R1A04H1	R.ANIL KUMAR		
20					207R1A04C3	KONDA ARUN SAI		
21					207R1A04F7	M.SRI VISHNU VARDHAN		
22					207R1A04F6	MADASI CHARAN TEJA		
23	BATCH 7	non linear stretch	DIP	Mr.D.Sreekanth	207R1A04H5	SHEELAM ARAVIND REDDY		
24					207R1A04F3	L.SAI NAGA SUDESH		
25					207R1A04E9	K.RAGHAVENDRA REDDY		
26					207R1A04F8	MALLALA PRANEETH SAI		

27	BATCH 8	satellite image enhancement for small particles using decorrelation stretcher	DIP	Dr K.Bharath	207R1A04H6	SRI HARI PATIL		
28					207R1A04F4	M NAVYA SRI		
29					207R1A04D0	BATTULA LIKHITHA REDDY		
30					207R1A04E5	BILLU KALAGAMAN GOUD		
31	BATCH 9	Alcohol sensing and engine locking system	Embedded	Mr.S.Venkatesh	207R1A04C9	BASHABOINA KEERTHANA		
32					207R1A04D2	DARGA SIRISHA		
33					207R1A04F0	KODURI SAI KRISHNA		
34					207R1A04H4	SHATRABOINA AKHIL		
35	BATCH 10	Fast underwater image enhancement for real time applications	DIP	Ms.B.Karuna Sree	207R1A04C4	AVULA HARSHITHA		
36					207R1A04G6	PABBOZ ANUSHKA		
37					207R1A04D9	GANDEED MAHESH		
38					207R1A04E4	KURAGAYALA AKASH		
39	BATCH 11	green house monitoring and controlling system	Embedded	Dr.V.Mahesh Sonth	207R1A04J0	VILASAGARAM HARIPRIYA		
40					207R1A04G5	PESARU SOWMYA		
41					207R1A04E6	KANNAM ARJUN KUMAR		
42					207R1A04D3	D.KIRAN CHANDU		
43	BATCH 12	Information hiding in image index	DIP	Mr.Ameenuddin	207R1A04C2	ARUKALA JAYASHANKAR		
44					207R1A04G4	PENDYALA SUJITH		
45					207R1A04C7	BANOTH SIDDHU		
46					207R1A04D1	B.SAI MANOJ NAIDU		
47	BATCH 13	a database for brain tumour diagnosis and detection	DIP	Dr.P.Sireesha	207R1A04F1	KONDA RAMYASRI		
48					207R1A04G3	MYAKALA MADANDATTA		
49					207R1A04H0	P.BHANU PRAKASH		
50					207R1A04H7	T.PRASHANTH REDDY		
51	BATCH 14	Tracking visual object as an extended target	DIP	Dr.B.Doss	207R1A04F9	M.SAI DEEPTHI		
52					207R1A04H3	RASALA LITHISH		
53					207R1A04E2	J.PREMKUMAR REDDY		
54					207R1A04G1	M.BHARATH VARMA		
55	BATCH 15	smoke detection alaram in forest and alert system	Embedded	Mr.Ravi Chinkera	207R1A04E1	GORLA KARTHIK		
56					207R1A04G0	MEDAM ANUSHA		
57					207R1A04E3	KOWLURI KALYAN RAJ		
58					207R1A04F2	LAKAVATH VINESH		
59	BATCH 16	simple and secure image staganography using LSB and triple xor operation on MSB	DIP	Dr.B.Doss	217R1A04I6	BOGGULA NANDA KISHORE		
60					207R1A04G9	PATHURI SRUTHI		
61					217R1A04I7	G.SAI PRASAD		
62					207R1A04C1	ABDUL KARIM		

Project Coordinator
Dr.B.Doss

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