



**CMR TECHNICAL CAMPUS**  
**UGC AUTONOMOUS**  
 Accredited by NBA & NAAC with 'A' Grade  
 Approved by AICTE, New Delhi and JNTU, Hyderabad  
 Kandlakoya (V), Medchal Road, Hyderabad- 501 401, Telangana

Estd: 2009



IV-SECTION -A -Industry Oriented Mini Project

Academic Year -2022-2023

Department of Electronics and Communication Engineering

S.NO	Batch	Roll No	Name of Student	Title of Project	Centre of Research	Guide Name
1	B-1	197R1A0402	Adurti Swarnalatha	Missing Person Identification Using Machine Learning With Python	CVESD	Prof.G.Srikanth
2		197R1A0457	Thaalari Swamy			
3		197R1A0449	Ravula Sai Akhil Patel			
4		197R1A0456	Thalari Abhishek			
5	B-2	197R1A0425	Jally Brahmani	Optical Character Recognition Using Tesseract	CSIP	Dr.Suraya Mubeen
6		197R1A0417	Datha Pavan Kalyan			
7		197R1A0407	Ayesha Jagirdar			
8		197R1A0401	A.Praveen Kumar			
9	B-3	197R1A0423	Vineela Gurram	Virtual Human Interaction System Using CV Learn	CVESD	A.Sridivya
10		197R1A0438	Masanapally Supraja			
		197R1A0432	Kancharla Devendher Reddy			
12		197R1A0448	Ramavath Harish Nayak			
13	B-4	197R1A0459	Thota Kumara Venkata Durga Karthik	Design Of Radar Management System With MATLAB	CACS	Dr.Suraya Mubeen
14		197R1A0405	Are Niikhitha Reddy			
15		197R1A0403	Alamuri Pavan Kumar Reddy			
16		197R1A0408	Bandi Sai Krishna			
17	B-5	197R1A0450	Reddy Swathi Priya	Implementation of Smart Borewell Child Rescue System	CACS	Dr.K.Bharath Kumar
18		197R1A0428	Renuyamani Kummarikuntla			
19		197R1A0429	Khambam Venkata Bhargavi			
20		197R1A0441	Nayini Dheeraj Rao			
21	B-6	197R1A0455	Telukuntla Saikeerthi	Underwater Image Enhancement Based on Wavelet Fusion	CSIP	Dr.K.MohanaLakshmi
22		207R1A0407	Asha Sreenath			
23		197R1A0445	Perpula Sahana			
24		197R1A0440	Mohammed Abdul Kareem			
25	B-7	197R1A0454	Sukireddy Sahithi	Design of High Speed and Area Efficient N -bit Digital Comparator	CVESD	Dr.V.Mahesh Sonth
26		197R1A0458	Thallapally Sahithi			
27		197R1A0452	Bheemari Shivani Gayathri Devi			
28		197R1A0406	Avula Ganesh			
29	B-8	197R1A0443	Panaganti Naresh	Design of Voice Command Access Using MATLAB	CSIP	Md.Abdul Naqi
30		187R1A04D7	Chityala Sai Krishna			
31		197R1A0418	Dhanavath Praveen Kumar			

34	B-9	197R1A0411	Bandaram Bharath Goud	Design of Hospital Management System Portal with Python	CVESD	K.Prasanna Kumari
35		197R1A0431	Kalvakuntla Sumana			
36		197R1A0412	Bathula Naresh			
37		197R1A0414	Bellamkonda Harish			
38	B-10	197R1A0444	Pantham Saikishore	Leaf Disease Detection Using Python	CVESD	T.Sateesh
39		197R1A0437	Manchala Ganga Akhila			
40		197R1A0426	K.Nikhil Kumar			
41		197R1A0421	Gopagani Ajay Bhargav			
42	B-11	197R1A0413	Bavireddy Vishwanth Kumar	Quality Testing Of Rice Grains Using Image Processing Applications	CSIP	Md.Ameenuddin
43		197R1A0453	Soma Yashwanth			
44		197R1A0420	Ganjikunta Teja			
45		197R1A0435	Kushal Sahu			
46	B-12	197R1A0409	Baddam Santhosh	Driver Drowsiness Detection Using Machine Learning	CACS	R.Manoj Kumar
47		197R1A0415	Bethi Anirudh			
48		197R1A0427	K.Bala Laxmi Prasanna			
49		197R1A0419	Gadipally Tejaswini			
50		197R1A0433	Katroth Naresh			
51	B-13	197R1A0460	Vadyanam Ramesh	Haze Removal Method for Efficient Visualisation of Remotely Sensed Satellite Images	CSIP	S.Mallesh
52		197R1A0404	Annadi Sai Kiran Reddy			
53		197R1A0422	Gottam Vamshi Krishna			
54		197R1A0424	I.Datri			
55	B-14	197R1A0434	Konda Pranitha	Prediction of Crime Rate Analysis Using Machine Learning Approach	CVESD	B.Thanuja
56		197R1A0416	Challagundla Vamshi			
57		197R1A0447	Puntikura Srinivas Goud			
58		197R1A0442	Pabpu Naveen			
59	B-15	207R1A0401	Gannu Akhil	Design and Implementation of Seven Segment Display Using Reversible Logic Gates	CVESD	SK.Dilshad
60		207R1A0405	Simhadri Rajanandini			
61		207R1A0402	Javeria Unissa			
62		197R1A0446	Pulapakori Yadav Chandu			
63	B-16	207R1A0403	Patlolla Saisree	IOT Based Underground Worker Safety System	CVESD	N.Renuka
64		207R1A0404	Sambari Chandana			
65		197R1A0439	Mohammad Salman			
66		197R1A0410	Bakkani Deepak			
67	B-17	207R1A0406	Kongara Narmada	Detection of Diabetes Using 5G Network	CVESD	Dr.P.Sirresha
68		207R1A0408	Kadurkapu Chandana			
69		207R1A0409	Govindu Badri			
70		197R1A0430	Kalakonda Sireesha			

**Dr.Suraya Mubeen**

**Project Coordinator**

**G.Srikanth**

**HOD-ECE**



**Electronics and Communication Engineering Department**  
**Mini Project Preliminary Review, 2022-2023**  
**Final Year B Section**

Sl.No.	Batch No.	Student Name	Signature	Roll Number	Project Title	Guide
1	<b>B1 Batch</b>	<b>Maraju Sai Vamshi</b>		<b>207R5A0415</b>		<b>Dr.Sudha Arvind</b>
2		Vadlakonda Vivek		207R5A0412	<b>Credit Card Fraud Detection using Machine</b>	
3		Kanaparthi Saroj		207R5A0414	<b>Learning Techniques</b>	
4		Duddela Akshay		207R5A0417		
5	<b>B2 Batch</b>	<b>Palnati Himalaya</b>		<b>197R1A04A6</b>		<b>G.Sravanthi</b>
6		Doniparthi Pallavi		197R1A0478	<b>Student Vehicle Monitoring System</b>	
7		Akhil		197R1A0479		
8		Kajuluri Meghana		197R1A0491		
9	<b>B3 Batch</b>	<b>Rachitha</b>		<b>207R5A0413</b>		<b>T.Nagarjuna</b>
10		Priyanka		207R5A0410	<b>Millimeter Wave Antenna with Hybrid Mode</b>	
11		Asha		197R1A04C0	<b>Excitation and Cross Polarization Supression for</b>	
12		Srikanth		197R1A04B9	<b>5G Applications</b>	
13	<b>B4 Batch</b>	<b>Alpula Rakesh</b>		<b>207R5A0411</b>		<b>B.Karunasree</b>
14		Banoth Ganesh		197R1A0472	<b>Auto Caption Generator Using Deep Learning</b>	
15		A.Abhilash		197R1A0464		
16		M.Vamshiteja		207R5A0418		
17	<b>B5 Batch</b>	<b>GN Koushik Raj</b>		<b>197R1A0482</b>		<b>Prof.G.Srikanth</b>
18		GLV Pranay		197R1A0481	<b>Network Security with Machine Learning</b>	
19		Naveen		197R1A0492		
20		Sathish		197R1A04B8		
21	<b>B6 Batch</b>	<b>S. Vamshi Kumar</b>		<b>207R5A0416</b>		<b>Dr.Sudha Arvind</b>
22		Paramesh Nunavath		197R1A04A4	<b>Network Tracking using Wireshark &amp; Gmaps</b>	
23		P.Govardhan		197R1A04A5		
24		P.Ranadheep		197R1A04B0		

25	<b>B7 Batch</b>	<b>Anindita Chowbey</b>	<b>197R1A0466</b>		<b>T.Nagarjuna</b>
26		Uday Kanneboina	197R1A0490	<b>Automatic Optimization of Elementary</b>	
27		G.Ravi Teja	197R1A04B5	<b>Reflection phase of High Impedance Surface Cell</b>	
28		M.Vamshi Krishna	197R1A04A1	<b>Geometry for Narrow Bandwidth</b>	
29	<b>B8 Batch</b>	<b>Anugula Anjali</b>	<b>197R1A0468</b>		<b>Dr.Sudha Arvind</b>
30		Anga Sindhuja	197R1A0465	<b>Detection of Spam Email using Machine</b>	
31		K.Phaninder	197R1A0493	<b>Learning</b>	
32		Datta Sai	197R1A04B7		
33	<b>B9 Batch</b>	<b>Guntuku Akanksha</b>	<b>197R1A0484</b>		<b>Dr.P.Venkatakrisnan</b>
34		R.Navneeth Reddy	197R1A04B3	<b>Study of Reflection Correlations in Temporal</b>	
35		P.Sai kiran	197R1A04B1	<b>Distribution of Piece of Meat under Sunlight</b>	
36		L.Sai Sanjay	197R1A0498		
37	<b>B10 Batch</b>	<b>Nimma Prathyusha</b>	<b>197R1A04A3</b>		<b>Dilshad Shaik</b>
38		J.Jyothish Reddy	197R1A0486	<b>IoT Based Framework for Vehicle</b>	
39		D.Praveen	197R1A0480	<b>Overspeed Detection</b>	
40		K.Akanksha	197R1A0495		
41	<b>B11 Batch</b>	<b>C.Prathyusha</b>	<b>197R1A0477</b>		<b>S.Venkatesh</b>
42		J.Archana	197R1A0488	<b>AI Virtual Mouse</b>	
43		P.Ravi	197R1A04A9		
44		Roshini K	187R1A0488		
45	<b>B12 Batch</b>	<b>Tarun Reddy</b>	<b>197R1A0475</b>		<b>A.Vamshidhar Reddy</b>
46		Trivikram	197R1A0489	<b>Implementation of Electronic Ticketing with</b>	
47		Ashok.R	197R1A04B4	<b>Live Booking for Public Transportation</b>	
48		Srinath.P	197R1A04A8		
49	<b>B13 Batch</b>	<b>Tharun Koti Reddy</b>	<b>197R1A04A7</b>		<b>Md.Abdul Naqi</b>
50		Sai Teja	197R1A0461	<b>Learning based Image Representation and</b>	
51		Charan Teja	197R1A0499	<b>method for Face Recognition</b>	
52		MD Salmaan	197R1A04A0		
53	<b>B14 Batch</b>	<b>Sai Supraja.K</b>	<b>197R1A0496</b>		<b>D.Sreekanth</b>
54		Avanindra	197R1A0474	<b>Diabetes Prediction using Machine Learning</b>	
55		Vinay Reddy.A	197R1A0462		
56		Yashwanth.B	197R1A0469		

57		<b>Ankush Kumar Singh</b>		<b>197R1A0467</b>		
58		Sai Teja.B		197R1A0470	<b>Power generation using Solid Waste</b>	
59		Nithish Reddy		197R1A0483		
60	<b>B15 Batch</b>	Satish		197R1A0487		<b>Prof.G.Srikanth</b>
61		<b>Katravath Rohith Naik</b>		<b>197R1A0494</b>		
62		P.Sai kiran		197R1A0476	<b>Skin Cancer Prediction using</b>	
63		Vamshi		197R1A0463	<b>CNN Architecture</b>	
64	<b>B16 Batch</b>	K.Yeshwanth		197R1A0497		<b>Dr.K.Mohanalakshmi</b>
65		<b>Nakka Pooja</b>		<b>197R1A04A2</b>		
66		Shiva Krishna		197R1A04B6	<b>Smart Helmet for Monitoring Health of</b>	
67		Vamshi Krishna		197R1A0485	<b>Mining Workers</b>	
68	<b>B17 Batch</b>	Pavan Kumar		177R1A0480		<b>R.Manoj Prakash Rao</b>

**Dr.Sudha Arvind**  
Project Co-ordinator, IV-B

**Prof.G.Srikanth**  
HoD-ECE



# CMR TECHNICAL CAMPUS

## UGC AUTONOMOUS

Accredited by NBA & NAAC with 'A' Grade

Approved by AICTE, New Delhi and JNTU, Hyderabad

Kandlakoya (V), Medchal Road, Hyderabad- 501 401, Telangana

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Estd: 2009



### Third Year ECE - C Mini Project 2023

Section: C		Total No. of Candidates: 65					Date:
S. No	Batch No.	Title of the Project	Name of the Guide	Roll No.	Student Name	Signature	Remarks
1	BATCH-1	Home Automation Using Node MCU	Dr.P.Venkata Krishnan	197R1A04G1	MOHAMMAD SAJEED		
2				197R1A04F7	MANIDEEP		
3				197R1A04G6	ADITHYA		
4				197R1A04D4	AJAY		
5	BATCH-2	Enhancement of Underwater Image	Mr.Ch.Narendar	197R1A04E2	ABHINAY		
6				197R1A04G7	SIDHARTHA		
7				197R1A04E4	PRASANNALAXMI		
8				197R1A04D9	SRINIVAS		
9	BATCH-3	Stock Price Prediction Using ML	Mr.Ravi Chinkera	197R1A04C9	SUPRAJA		
10				197R1A04E6	DEEPESH		
11				197R1A04F3	DINESH		
12				197R1A04H2	RAGHAVA		
13	BATCH-4	Graduate Admissions Prediction Using ML	Dr.B.Doss	197R1A04G2	MOHAMMAD SANA		
14				197R1A04E8	RAJESH		
15				197R1A04C8	SHIVA SAI		
16				197R1A04C5	RADHA		
17	BATCH-5	High Capacity Reversible Data Hiding Scheme Using Prediction Tuning Model	Dr.K.Bharath Kumar	197R1A04D2	HARITHA		
18				197R1A04F6	ABHINAYA		
19				197R1A04D6	CHARAN		
20				197R1A04D7	SAI PRIYA		
21				197R1A04D8	ROHITH		

22	BATCH-6	Hand Safety Wing Convolutional Neural Network (CNN)	Mr.A.Vamshidhar Reddy	197R1A04C1	LAHARI		
23				197R1A04H1	DHARANI		
24				197R1A04C3	LOKESH		
25				197R1A04H7	SHRAVANI		
26				197R1A04H6	SHASHANK		
27	BATCH-7	Hand Detection for Safety to avoid accidents	Dr.V.Mahesh Sonth	197R1A04F1	SAI MANIDEEP		
28				197R1A04F5	AKASH		
29				197R1A04F0	ROHITH		
30				197R1A04F2	HARI CHANDANA		
31	BATCH-8	Visualising and Forecasting Using Dash	Ms.B.Karuna Sree	197R1A04E3	AKSHITHA		
32				197R1A04C7	TARUN		
33				197R1A04E9	KEERTHI		
34				197R1A04C2	KARTHIK		
35				197R1A04E0	RAM REDDY		
36	BATCH-9	Facial Recognition Attendance System	Mr.S.Venkatesh	197R1A04G4	MAHESH		
37				197R1A04E1	LIKITH REDDY		
38				197R1A04H3	SRISAHITHI		
39				197R1A04D5	SHASHANK		
40	BATCH-10	Handwritten Character Recognition Using ML	Dr.P.Sireesha	197R1A04D3	SAI TEJA		
41				197R1A04D0	AKANSHA		
42				197R1A04D1	VASANTH		
43				197R1A04E7	SAI REDDY		
44	BATCH-11	Book Recommender System Using ML	Dr B.Doss	197R1A04G3	KRISHNA TEJA		
45				197R1A04C4	B ADARSH		
46				197R1A04G9	ANJI KUMAR		
47				197R1A04H8	THARUN KUMAR		
48	BATCH-12	AI Voice Assistant by Using Python	Dr.B.Doss	197R1A04H4	AMRUTHA VALLI		
49				197R1A04H5	CHARAN		
50				197R1A04F9	PARAMESH		
51				197R1A04H0	SRIKANTH		
52	BATCH-13	Image Based Fashion Product Recommendation Using ML	Mr.Ameenuddin	197R1A04F4	ARJUN		
53				197R1A04C6	SURYA		
54				197R1A04H9	AMARENDER REDDY		
55				197R1A04G5	RAHUL		
56				197R1A04J0	MANIKANTA REDDY		

57	BATCH-14	Design of an Optimised Arithmetic and Logic Unit and its Implementation on FPGA	Mr.M.Mallesh	197R1A04G0	AFROZ		
58				197R1A04E5	DEEPAK		
59				197R1A04F8	DAVID RAJU		
60				187R1A04G3	MAHENDRA		
61				187R1A04A5	VINAY		
62	BATCH-15	Emotion Based Music Recommendations	Dr.B.Doss	187R1A04F9	SHARJEEL		
63				187R1A04D5	PRUDHVI		
64				187R1A0446	KRITHIK CHANDRA		
65				167R1A0422	VAMSHI RAJ		

**Project Coordinator**  
**Dr.B.Doss**

**HOD ECE**  
**Prof.G.Srikanth**