



CMR TECHNICAL CAMPUS
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 Approved by AICTE, New Delhi and JNTU, Hyderabad
 Kandlakoya (V), Medchal Road, Hyderabad- 501 401, Telangana

Established 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	197RIA0402	Adurti Swarnalatha	Missing Person Identification Using Machine Learning With Python	CVESD	Prof.G.Srikanth
2		197RIA0457	Thaalari Swamy			
3		197RIA0449	Ravula Sai Akhil Patel			
4		197RIA0456	Thalari Abhishek			
5	B-2	197RIA0425	Jally Brahmani	Optical Character Recognition Using Tesseract	CSIP	Dr.Suraya Mubeen
6		197RIA0417	Datha Pavan Kalyan			
7		197RIA0407	Ayesha Jagirdar			
8		197RIA0401	A.Praveen Kumar			
9	B-3	197RIA0423	Vincela Gurrum	Virtual Human Interaction System Using CV Learn	CVESD	A.Sridiviya
10		197RIA0438	Masanapally Supraja			
11		197RIA0432	Kancharla Devendher Reddy			
12		197RIA0448	Ramavath Harish Nayak			
13	B-4	197RIA0459	Thota Kumara Venkata Durga Karthik	Design Of Radar Management System With MATLAB	CACS	Dr.Suraya Mubeen
14		197RIA0405	Are Niiikhitha Reddy			
15		197RIA0403	Alamuri Pavan Kumar Reddy			
16		197RIA0408	Bandi Sai Krishna			
17	B-5	197RIA0450	Reddy Swathi Priya	Implementation of Smart Borewell Child Rescue System	CACS	Dr.K.Bharath Kumar
18		197RIA0428	Renuyamini Kummarikuntla			
19		197RIA0429	Khambam Venkata Bhargavi			
20		197RIA0441	Nayini Dheeraj Rao			
21	B-6	197RIA0455	Telukuntla Saikerthi	Underwater Image Enhancement Based on Wavelet Fusion	CSIP	Dr.K.MohanaLakshmi
22		207RIA0407	Asha Sreenath			
23		197RIA0445	Perpula Sahana			
24		197RIA0440	Mohammed Abdul Kareem			
25	B-7	197RIA0454	Sukireddy Sahithi	Design of High Speed and Area Efficient N-bit Digital Comparator	CVESD	Dr.V.Mahesh Sonth
26		197RIA0458	Thallapally Sahithi			
27		197RIA0452	Bheemari Shivani Gayathri Devi			
28		197RIA0406	Avula Ganesh			
29	B-8	197RIA0443	Panaganti Naresb	Design of Voice Command Access Using MATLAB	CSIP	Md.Abdul Naqi
30		187RIA04D7	Chityala Sai Krishna			
31		197RIA0418	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	B-11	197R1A0421	Gopagani Ajay Bhargav	Quality Testing Of Rice Grains Using Image Processing Applications	CSIP	Md.Ameenuddin
42		197R1A0413	Bavireddy Vishwanth Kumar			
43		197R1A0453	Soma Yashwanth			
44		197R1A0420	Ganjikunta Teja			
45	B-12	197R1A0435	Kushal Sahu	Driver Drowsiness Detection Using Machine Learning	CACS	R.Manoj Kumar
46		197R1A0409	Baddam Santhosh			
47		197R1A0415	Bethi Anirudh			
48		197R1A0427	K.Bala Laxmi Prasanna			
49	B-13	197R1A0419	Gadipally Tejaswini	Haze Removal Method for Efficient Visualisation of Remotely Sensed Satellite Images	CSIP	S.Mallesh
50		197R1A0433	Katroth Naresh			
51		197R1A0460	Vadyanam Ramesh			
52		197R1A0404	Annadi Sai Kiran Reddy			
53	B-14	197R1A0422	Gottam Vamshi Krishna	Prediction of Crime Rate Analysis Using Machine Learning Approach	CVESD	B.Thanuja
54		197R1A0424	I.Datri			
55		197R1A0434	Konda Pranitha			
56		197R1A0416	Challagundla Vamshi			
57	B-15	197R1A0447	Puntikura Srinivas Goud	Design and Implementation of Seven Segment Display Using Reversible Logic Gates	CVESD	SK.Dilshad
58		197R1A0442	Pabbu Naveen			
59		207R1A0401	Gannu Akhil			
60		207R1A0405	Simhadri Rajanandini			
61	B-16	207R1A0402	Javeria Unissa	IOT Based Underground Worker Safety System	CVESD	N.Renuka
62		197R1A0446	Pulapakori Yadav Chandu			
63		207R1A0403	Patlolla Saisree			
64		207R1A0404	Sambari Chandana			
65	B-17	197R1A0439	Mohammad Salman	Detection of Diabetes Using 5G Network	CVESD	Dr.P.Sirresha
66		197R1A0410	Bakkani Deepak			
67		207R1A0406	Kongara Narmada			
68		207R1A0408	Kadurkapu Chandana			
69	B-17	207R1A0409	Govindu Badri	Detection of Diabetes Using 5G Network	CVESD	Dr.P.Sirresha
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	B1 Batch	Maraju Sai Vamshi		207R5A0415	Credit Card Fraud Detection using Machine Learning Techniques	Dr.Sudha Arvind
2		Vadlakonda Vivek		207R5A0412		
3		Kanaparthy Saroj		207R5A0414		
4		Duddela Akshay		207R5A0417		
5	B2 Batch	Palnati Himalaya		197R1A04A6	Student Vehicle Monitoring System	G.Sravanthi
6		Doniparthi Pallavi		197R1A0478		
7		Akhil		197R1A0479		
8		Kajuluri Meghana		197R1A0491		
9	B3 Batch	Rachitha		207R5A0413	Millimeter Wave Antenna with Hybrid Mode Excitation and Cross Polarization Suppression for 5G Applications	T.Nagarjuna
10		Priyanka		207R5A0410		
11		Asha		197R1A04C0		
12		Srikanth		197R1A04B9		
13	B4 Batch	Alpula Rakesh		207R5A0411	Auto Caption Generator Using Deep Learning	B.Karunasree
14		Banoth Ganesh		197R1A0472		
15		A.Abhilash		197R1A0464		
16		M.Vamshiteja		207R5A0418		
17	B5 Batch	GN Koushik Raj		197R1A0482	Network Security with Machine Learning	Prof.G.Srikanth
18		GLV Pranay		197R1A0481		
19		Naveen		197R1A0492		
20		Sathish		197R1A04B8		
21	B6 Batch	S. Vamshi Kumar		207R5A0416	Network Tracking using Wireshark & Gmaps	Dr.Sudha Arvind
22		Paramesh Nunavath		197R1A04A4		
23		P.Govardhan		197R1A04A5		
24		P.Ranadheep		197R1A04B0		

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

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


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


Prof.G.Srikanth
 HoD-ECE



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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	BATCH-12	AI Voice Assistant by Using Python	Dr.B.Doss	197R1A04H8	THARUN KUMAR		
48				197R1A04H4	AMRUTHA VALLI		
49				197R1A04H5	CHARAN		
50				197R1A04F9	PARAMESH		
51	BATCH-13	Image Based Fashion Product Recommendation Using ML	Mr.Ameenuddin	197R1A04H0	SRIKANTH		
52				197R1A04F4	ARJUN		
53				197R1A04C6	SURYA		
54				197R1A04H9	AMARENDHER 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