



**Electronics and Communication Engineering Department**

**CMR TECHNICAL CAMPUS**

Accredited by NBA& NAAC with 'A' Grade

Kandlakoya(V),Medchal Road,Hyderabad-501401

Major Project Section -A(2021-2022)

Sl.No.	H. T. No. of the Student	Name of the Student	Guide Name	Project Title
1	187R1A0404	<b>Akhila</b>	<b>Dr.Sudha Arvind</b>	<b>Design &amp; Analysis of DSSS-CDMA With MISO Transmission Techniques under Various Modulation Schemes</b>
2	187R1A0437	Pavan Kumar Reddy		
3	187R1A0427	Manideep		
4	187R1A0424	Sreeja Ginjupally		
5	167R1A0427	Saketh		
6	187R1A0411	<b>Nishitha</b>	<b>D.Sreekanth</b>	<b>E-Voting System using Facial Recognition</b>
7	187R1A0403	Sindhu		
8	187R1A0401	Sudeep Rao		
9	187R1A0402	Yaswanth Arigala		
10	187R1A0417	<b>Sravani</b>	<b>Prof.G.Srikanth</b>	<b>Design and Implementation of Full Adders with Approximate Adiabatic Logic</b>
11	187R1A0426	Sumanth		
12	187R1A0419	Raviteja		
13	187R1A0418	Mohan		
14	187R1A0405	Sravani		
15	187R1A0457	<b>Mamatha</b>	<b>Dr.P.Venkata Krishnan</b>	<b>Implementation and Comparison of Decomposition in Video Data Image Samples using SVD: Application to Sub Sampling Image</b>
16	187R1A0421	Pallavi		
17	187R1A0422	Manoj		
18	187R1A0442	Sai Pranay		
19	187R1A0423	<b>Sathwika</b>	<b>M.Sravanthi</b>	<b>Weed Detection using Machine Learning</b>
20	187R1A0444	Rohith		
21	187R1A0436	Pranathi		
22	187R1A0408	Srinath		
23	187R1A0428	<b>Deekshitha</b>	<b>T.Nagarjuna</b>	<b>Simulation of Higher Pattern Diversity Antenna with Beamforming for Super Charge 5G Networks and IoT Applications</b>
24	187R1A0434	Pavani		
25	187R1A0425	Prashanthi		
26	187R1A0416	Kranthi Kiran		

27	187R1A0429	Abhinaya	Dr.Sudha Arvind	Performance Evaluation of MFSK Techniques under various Fading Environments in Wireless Communication
28	187R1A0458	NavyaSree		
29	187R1A0441	Mohith		
30	187R1A0412	Sumanth		
31	187R1A0432	Poornima	Dr.Sudha Arvind	Design and Performance Analysis of LDPC Codec for Various Iterations
32	187R1A0452	Sai Pavan Kiran		
33	187R1A0430	Sai Soundarya		
34	187R1A0431	Hema Sunder		
35	187R1A0447	Akshitha	Dr.CH.Sudhamani	An Efficient Framework for Construction Site Accident Analysis Using Natural Language Processing Techniques
36	187R1A0454	Rishitha		
37	187R1A0453	Harsha		
38	187R1A0415	Naveen Reddy		
39	187R1A0448	Dhaneshwari	Dilshad Shaik	Novel Approach QCA 4:2 Encoder in Processors and DSP Applications
40	197R5A0403	Rahul		
41	187R1A0433	Anjali		
42	187R1A0410	Pavan Krishna		
43	187R1A0449	Vinay	B.Karunasree	Framework Analysis of Energy and Error Computing in Mobile Applications
44	187R1A0445	Sahithi		
45	187R1A0420	Santhosh		
46	187R1A0435	Mounika		
47	187R1A0451	Sindhu	Mohd.Abdul Naqi	Secure Image Transmission using chaotic Encryption and Decryption with ECC
48	187R1A0450	Sai Girivardhan		
49	197R5A0404	Prathyusha		
50	187R1A0409	Kaushal		
51	187R1A0456	Madhukiran	K.Mohanalakshmi	Breast Cancer Classification by Transfer Learning using Small Dataset of Ultrasound Images
52	197R5A0402	Sathish		
53	187R1A0460	Sai Swarthik Reddy		
54	187R1A0459	Jagadish		
55	197R5A0401	K.Manideep	Tara SaiKumar	Social Distancing and Monitoring with Artificial Intelligence Based IoT Robot
56	187R1A0413	Sangeetha		
57	187R1A0406	Pravarsha Reddy		
58	187R1A0439	Sandeep		
59	197R5A0405	Srinidhi	Dilshad Shaik	An Instinctive Error Encoder and Decoder using XOR for Space Applications
60	187R1A0443	Chetana		
61	187R1A0440	Mallikarjun		
62	197R5A0406	Dilip		

Dr. Sudha Arvind  
Project coordinator

HOD-ECE

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Estd: 2009



### Department of ECE

### Major Project Section - B (Academic Year:2021-2022)

Team No	Roll No	Name of the Student	Project title	Project Guide
B1	187R1A0490	KOTHA ASHRITHA REDDY	Low Power Circuit Design Using ADIBATIC Technique	G.Srikanth
	187R1A0492	KURVA RAJENDER		
	187R1A0482	KAPARLA THABITHA		
	177R1A04C9	BADAM SAGAR		
B2	187R1A04B8	YEDURUPATI NAGA JYOTHI	Prediction of COVID-19 Severity By Applying Different Machine Learning & Deep Learning Techniques	Dr.Suraya Mubeen
	187R1A04B5	RACHERLA SRILEKHA		
	197R5A0409	CHINTHAKAYALA VINAY KUMAR		
	177R1A04F9	venu GOPAL REDDY		
B3	187R1A0461	AERRALA RAVALIKA	Smart Parking Control System with Auto GATE Utilizing Wireless Sensor Network and Infrared Sensors	Dr.Sirresha Pendem
	187R1A0491	KONDAPALLI YAMIINE		
	187R1A04A0	MANCHALA VIDYASAGAR		
	187R1A0467	CHEERLAVANCHA PAVAN KUMAR		
B4	187R1A0471	GOPANWAR RAMESH	Recurrent Neural Network and LSTM Neural Network for Predicting Dyslipdemia Disease	Dr.Suraya Mubeen
	187R1A0496	M TEJASHWINI		
	187R1A0498	MANATTA RAJU		
	177R1A0420	Aneesh		
	187R1A0464	BUKYA VISHAL		
B5	187R1A0472	THIRUMALA AKHILA BHARADWAJ	Data Communication Based on Light Fieldity	Dr.Ch.Sudhamani
	187R1A0463	VADLA BHARGAVI		
	187R1A0484	CHAPPA SHIVA PRASAD		
	177R1A0415	Vamshi		
B6	187R1A04B2	P SAIVARUN	Unique Sky Cultivation With Solar Source	Dr.K.Bharath Kumar
	187R1A0470	GAJULA CHAITANYA		
	187R1A0480	KAMMARI MANEESH KUMAR CHARY		
	187R1A04B4	SHIVANNAGARI KARTHIK REDDY		
B7	187R1A0497	MALLADI SRI LALITHA SANDHYA GAY	Performance Analysis of OFDM,FBMC,UFMC Modulation Schemes for 5G Mobile Communication MIMO Systems	Dr.Mahesh V Sonth
	187R1A04B1	SHAIK THARIFF BASHA		
	177R1A04H9	A.Karthik		
	187R1A04B6	RADHAM ESWAR SAI		
B8	187R1A0477	JELLA SAI KIRAN	Multi Layer Perceptron for Image Dehazing	T.Sai Kumar
	197R5A0407	AERPOLU VAMSI		
	197R5A0412	DARSHIT N PATEL		
	177R1A04D6	Ch.lohith		

<b>B9</b>	<b>187R1A0474</b>	<b>GURRAPU HARISH KUMAR</b>	<b>Identification of Defected Fruits and Vegetables Using K -Means Segementation and OTSU'S Thresholding</b>	<b>S.Mallesh</b>
	187R1A04A3	MD AKBAR KHAN		
	187R1A04A4	MODEM KEERTHI PRIYA		
	187R1A0487	CHINTHALA SRAVANTHI		
<b>B10</b>	<b>187R1A0465</b>	<b>CH HEMA NAGA VIDYADHARI</b>	<b>Wireless Charging Road with Continous power for Running Vehicle</b>	<b>MD.Ameenuddin</b>
	187R1A04A2	P DEEPAK		
	187R1A04A8	PRANAY R RATHI		
	187R1A0494	LINGAMPALLY NARESH		
<b>B11</b>	<b>187R1A0468</b>	<b>ENJAMURI SNEHA</b>	<b>Design and Simulation of DRA for Band width Enhancement with IOT</b>	<b>T.Nagarjuna</b>
	187R1A04A6	AMAAN KHAN		
	187R1A04A7	N.PAVAN KUMAR		
	197R1A0410	PRAMEELA		
<b>B12</b>	<b>187R1A04B0</b>	<b>NILIGONDA BHARGAVI</b>	<b>Prediction of Crop Yield Using Machine Learning</b>	<b>N.Renuka</b>
	187R1A0489	KATKURI SWETHA		
	187R1A04C0	VUNNAM SAI NADH		
	177R1A0402	A.Shiva Kumar		
<b>B13</b>	<b>187R1A0486</b>	<b>KASAM NIKHITHA</b>	<b>Understanding The Timing Of Eruption End Using a Machine Learning Approach to Classification of Seismic Time Series</b>	<b>Ravi Chinkara</b>
	187R1A0485	KARNE ADARSH		
	187R1A0481	CHAKINAM CHANDRAKANTH		
	187R1A0473	GOPU SAI KRISHNA REDDY		
<b>B14</b>	<b>187R1A04B3</b>	<b>P USHA</b>	<b>Detection of Cyber Attack Using Spatiotemporal Patterns for Distribution Systems Using Machine Learning</b>	<b>T.Sateesh</b>
	187R1A04B7	VAJINEPALLI JASWANTH		
	187R1A0478	BHAGAM SAI KUMAR		
	197R5A0411	MANUKA GREESHMA YADAV		
<b>B15</b>	<b>187R1A0462</b>	<b>BOLISHETTI PUJA</b>	<b>Enemy Ship Detector along with Anti Ship Gun Using Ultrasonic Radar</b>	<b>R.Manoj Prakash</b>
	187R1A0479	KAMBHAM STEPHEN		
	187R1A0475	ARABANDI MAHALAKSHMI		
	187R1A04A1	MANNE JAGADEESH YADAV		
<b>B16</b>	<b>187R1A0476</b>	<b>Ramya Hanmakonda</b>	<b>A Clustering Based Approach for Generalized Tumours Extraction from Brain MRI Images Using Deep Learning</b>	<b>Md.Abdul Naqi</b>
	187R1A04B9	Bhavya vunnam		
	187R1A0499	Rithvik Sunny		
	187R1A0495	praveen Kumar		

  
**Dr.Suraya Mubeen**  
**Project Coordinator**

  
**G.Srikanth**  
**HOD-ECE**



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Estd: 2009



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Final Year ECE - C Major Project 2022

Section: C

Total No. of Candidates: 66

S. No	Batch No.	Title of the Project	Name of the Guide	Roll No.	Student Name
1	BATCH-1	CAUTION SYSTEM FOR VEHICLE POLLUTION	Dr.P.Venkata Krishnan	187R1A04C9	PRANAVI
2				187R1A04C5	KIRAN
3				187R5A0428	GAYATHRI
4				187R1A04H5	SAI CHARAN
5	BATCH-2	DETECTING WEB ATTACKS WITH END TO END DEEP LEARNING	Mr.Ch.Narendar	187R1A04H8	VANAM HEMANTH
6				187R1A04G0	M.NIKHIL
7				197R5A0413	THOTU NIKHIL
8				197R5A0415	MD AKRAM ALI
9	BATCH-3	APPLICATION AND RESEARCH OF DARK CHANNEL DEFOGGING ALGORITHM IN VIDEO LOGGING IMAGE ENHANCEMENT	Ms.M.Sravanthi	187R1A04D3	TEJASWI DAMERLA
10				187R1A04H6	T.AKHILA
11				187R1A04E2	KARTHIK
12				187R1A04D9	MAHESH
13	BATCH-4	IoT BASED COAL SAFETY AND MONITORING SYSTEMS	Dr.B.Doss	187R1A04F1	SHRAVANI
14				187R1A04E8	AKASH BABU
15				187R1A04C8	SUNEELA
16				167R1A0496	SAI SANKALP
17	BATCH-5	SKIN CANCER PREDICTION USING PRE-TRAINED CNN ARCHITECTURES	Ms.K.Mohana Lakshmi	187R1A04E5	SRINIJA
18				197R5A0418	NAGAMOUNIKA
19				187R1A04C2	ANIL KUMAR
20				187R1A04D7	SAI TEJA
21	BATCH-6	IMAGE QUALITY ENHANCEMENT ALGORITHM BASED ON GAME THEORY MODEL	Mr.A.Vamshidhar	187R1A04E9	SAI RAMYA
22				197R5A0414	U.PAVANI
23				187R1A04D1	CH.AKHILA
24				187R1A04F3	SAI SHIVA TEJA
25	BATCH-7	PREDICTING SEVERITY OF TOXIC COMMENTS	Dr.V.Mahesh Sonth	187R1A04F7	RUPESH
26				187R1A04C1	ABDULGAFFAR
27				187R1A04C3	KRISHNA VENI
28				187R1A04F8	M.SHIRISHA
29	BATCH-8	APPROXIMATE MULTIPLIER DESIGN USING 4:2 AND 5:2 COMPRESSORS	Ms.B.Karuna sreec	187R1A04G1	SURAJ
30				187R1A04F0	MANYA
31				187R1A04D2	KRISHIKA
32				177R1A0470	D.MADHU

33	BATCH-9	A NOVEL METHOD OF PLANT DISEASE DETECTION BASED ON DEEP LEARNING AND CONVOLUTION NEURAL NETWORK	Mr.S.Venkatesh	187R1A04G6	MANASWINI
34				187R1A04H1	MOHANKRISHNA
35				187R1A04E6	VINOD
36				187R1A04H4	SHIVA LAKSHMI
37	BATCH-10	SIGN LANGUAGE RECOGNITION	Dr.P.Sireesha	187R1A04G7	VYSHNAVI
38				187R1A04C4	BANALA SAI KIRAN
39				187R1A04E1	SUJITH
40				187R1A04E4	LOHITH
41				177R1A04A4	P.SIRISHA
42	BATCH-11	COLOUR IMAGE ENHANCEMENT WITH BRIGHTNESS PRESERVATION AND EDGE SHARPENING USING A HEAT CONDUCTION MOTION METHOD	Tara Sai Kumar	187R1A04G9	M.TEJASWI
43				187R1A04E3	SWATHI
44				187R1A04E7	RAVI CHANDRA
45				187R1A04C7	RAVINDER
46				187R5A0425	K.PRABHU
47	BATCH-12	IMPLEMENTATION OF BUILT-IN-SELF-TEST (BIST) ENABLED MEMORY USING VERILOG	Dr.B.Doss	187R1A04H7	YASHWANTH
48				187R1A04F2	VIVEK
49				187R1A04DO	VINAY KUMAR
50				187R5A0408	PRATHUSHA
51	BATCH-13	HUFFMAN BASED LZW LOSSLESS IMAGE COMPRESSION USING RETINEX ALGORITHM	Mr.Ameenuddin	187R1A04H2	N.AKHILA
52				197R5A0417	PRAVALLIKA
53				187R1A04E0	LIBNAH RANI
54				187R1A04D8	KRISHNA REDDY
55	BATCH-14	RICE GRAIN ANALYSIS, CLASSIFICATION AND QUALITY GRADING	Mr.M.Mallesh	187R1A04H9	VANCHANAGIRI HEMANTH
56				187R1A04C6	ESWAR
57				187R1A04F5	RUCHITHA
58				187R1A04D6	SAI RAJ
59	BATCH-15	WEED DETECTION USING MACHINE LEARNING	Mr.D.Sreekanth	187R1A04J0	Y.NIKHIL
60				187R1A04H3	RAHUL
61				197R5A0416	RATAN KUMAR
62				187R1A04G5	RAJA RAVINDRA
63	BATCH-16	ENEMY SHIP DETECTOR CUM ANTI-SHIP GUN USING ULTRASONIC RADAR	Dr.K.Bharath Kumar	187R1A04G4	NIKHILA
64				187R1A04G8	SOWMYA SRI
65				187R1A04D4	D.SAI CHARAN
66				177R1A0427	LOKESH NAIDU

Project Coordinator  
Dr.B.Doss

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