



**CMR Technical Campus**  
**Department of ECE**  
**ACADEMIC YEAR 2020-2021**  
**Major Project Section-A**

S.NO	BATCH No	ROLL NO	Name of Student	CENTRE OF RESEARCH	TITLE OF PROJECT	Project Guide
1	1	BHASKAR SAI	177R1A0418	CVESD	Design of Bluetooth Controlled SPY Robot Using Arduino	G.Srikanth
2		M.NEELAVENI	187R5A0402			
3		KAVYA RANI	177R1A0438			
4		SAI PREETHAM	177R1A0458			
5	2	K.RAMYA	177R1A0408	CSIP	Vehicle Emission Monitoring System Using LabView	S.Mallesh
6		K.SUCHITRA	177R1A0425			
7		SHASHIDHAR	177R1A0407			
8		VIKRAM REDDY	177R1A0439			
9	3	M.DEEKSHANA	177R1A0437	CACS	Classified Authentication System with IoT and Dashboard	Dr.Ch.Sudhamani
10		K.SHIVANI	177R1A0426			
11		KESHAV	177R1A0445			
12		SRUJANA	177R5A0411			
13	4	S.SHRAVYA	177R1A0457	CACS	A Low-Profile Dual-Band Dual-Polarized Antenna With an AMC Reflector for 5G Communications	Dr.Suraya Mubeen
14		T.JYOTSHNA	177R1A0452			
15		K.NAVYA RUKMINI	177R1A0429			
16		A.V.NIKITHA	177R1A0401			
17	5	B.ARCHANA	177R1A0404	CACS	Electronic water hardness and turbidity measurement using Labview	Dr.K.Bharath Kumar
18		MANI BABU	177R1A0403			
19		BHANU SHIVA PRA	177R1A0433			
20		PREETI GRACE	177R1A0446			
21	6	ESHWAR	187R5A0410	CACS	Smart Prepaid Energy Meter Over Internet of Things	R.Manoj Prakash Rao
22		HARISH	177R1A0411			
23		M.BHAVANA	177R1A0442			
24		PALLAVI	187R5A0404			
25	7	RUCHITHA	177R5A0401	CSIP	Dehazing by Artificial Multiple Exposure Image Fusion	T.Sai Kumar
26		D.ANVESH	177R1A0419			
27		SHREE GANESH	177R1A0459			
28		B.HARSHITH	177R1A0409			

29	8	SONY	177R1A0405	CACS	Fingerprint Based ATM Door Locking System for Modern Banks	T.Suresh
30		B.PRANAVI	187R5A0409			
31		SANTOSH KUMAR	177R1A0410			
32		T.AKHILA	177R1A0450			
33	9	B.HARSHITHA	177R1A0412	CVESD	Design and Development of IOT Based Automatic Potholes Detection System	T.Sateesh
34		N.LIKITHA	177R1A0451			
35		SAI KISHORE	177R1A0431			
36		SAI KRISHNA	177R1A0414			
37	10	HARSHA VARDHINI	177R1A0440	CACS	Design and Implementation of Video Surveillance Robot Using IOT	Dr.Suraya Mubeen
38		N.MOUNEESHA	177R1A0434			
39		HIMA BINDHU	177R1A0424			
40		AVINASH	187R5A0406			
41	11	U.ABHINANDHAN	177R1A0453	CACS	Design and Simulation of Step Impedance Microwave Filter Antenna Using Microstrip Line for Bio Medical Applications	T.Nagarjuna
42		CH.SOWMYA	177R1A0413			
43		I.PRANAVI	177R1A0422			
44		L.GANESH	177R1A0436			
45	12	SIRISHA	177R1A0448	CSIP	Design and Implementation of IOT Based Earthquake and Hazardous Gases Detection in Coal Mines	A.Vamsidhar Reddy
46		L.SOWMYA	177R1A0435			
47		S.SHASHANK	177R1A0449			
48		PRASHANTH	187R5A0405			
49	13	RAGHAVENDHAR	177R1A0454	CVESD	RF Automatic Traffic Clearance System for Ambulance Using Arduino	N.Renuka
50		K.DINESH	177R1A0432			
51		R.PAVAN KUMAR	177R1A0447			
52		MAHESH	187R5A0401			
53	14	ANUSHA	167R1A0453	CVESD	Low Power High Accuracy Approximate Multiplier Using Approximate Higher Order Compressor	Dr.P.Sireesha
54		VIKAS	177R1A0456			
55		KRISHNA LATHA	177R1A0430			
56		V.PREETHI	177R1A0455			
57	15	SAI SONAL	177R5A0417	CSIP	Human Emotion Recognition Using Machine Learning	MD.Ameenuddin
58		SOURABH	177R1A0460			
59		SHREYA SRI	177R1A0441			
60		D.HARSHA	177R1A0421			
61		Pavani	187R5A0403			

Dr.SurayaMubeen

Project Coordinator

G.Srikanth

HOD-ECE



**CMR TECHNICAL CAMPUS**  
**NAAC with A Grade**  
**UGC Autonomous**  
**ECE DEPARTMENT**  
**MAJOR PROJECT BATCHES LIST**  
**Final Year B section**  
**Academic Year 2020-2021**



S.No.	Batches	Hall ticket No.	Name of the Student	Project Guide	Project Title	Remarks
1	B1	177R1A0477	KOMMA SRILATHA	Dr.P.Venkata krishnan	A Novel Two-Step Strategy Based on White-Balancing and Fusion for Underwater Image Enhancement	
2		177R1A0474	BANDARI SUBBA RAO			
3		187R5A0418	BANDU VIJAYANTHI			
4		177R1A0467	BATTU NAGESH			
5	B2	187R5A0415	MUNDE PRAGNA	Mr.Ch.Narendar	Disease detection and classification cotton plants using machine learning framework	
6		177R1A0473	ERRAVALLI SRAVANTHI			
7		177R1A04B7	SAHARSH KUMAR YADAV			
8		177R1A04B9	TADAKAMADLA SAI PRAKASH			
9	B3	177R1A04A7	PITTA NISHALINI	Mrs.K.Mohana Lakshmi	Artificial intelligence framework for skin cancer detection and classification	
10		187R5A0412	MUSLE ASHWINI			
11		177R1A0466	ABDUL HAMEED KHAN			
12		167R1A0481	J SHASHANK			
13	B4	177R1A0493	K PREETHI	Dr.Bandi Doss	Face Verification via learned representation on feature rich video frames.	
14		177R1A0497	NAVEEN KUMAR PATNAIK			
15		177R1A04B3	SUNKARABOINA RAJU			
16		187R5A0419	BHASHAVENI SARITHA			
17	B5	177R1A0471	ELLURI RAVINDRA REDDY	Mrs.M Sravanthi	Efficient License plate using unique edge detection algorithm and smart interpretation through IOT	
18		177R1A0469	ANNARAPU RITHAM REDDY			
19		177R1A04A2	P NANDINI			
20		177R1A0482	MANASANI SANGEETHA			
21	B6	177R1A04A3	PALAKURI SAI KRISHNA	Mr.A.Vamshidhar Reddy	IOT BASED INTRAVENOUS INFUSION AND VITAL SIGN MONITORING SYSTEM	
22		177R1A04B5	T.VENKATA SAI AMULYA			
23		177R1A04A9	PUNNA UMA			
24		177R1A0492	MOHAMMED FAIZAAN			

25	B7	177R1A0485	MANDAPATI SUNIL	Dr.V. Mahesh Sonth	Automation of Traffic Control System Using Image Morphological Operations	
26		177R1A0483	MANCHE BHANU			
27		177R1A0498	NEELAM NIHARIKA			
28		177R1A0461	ADEPU SOWMIKA			
29	B8	177R1A0468	CEEMALA THARUN	Ms.B.Karuna Sree	Deep learning based Beam forming design for Large array	
30		177R1A0499	M.BHARATH			
31		187R5A0420	TADVAI MANASA			
32		177R1A0488	MEDIPALLI DIVYA JYOTHI			
33	B9	177R1A04B4	P. LAKSHMI HARSHITHA	Mr.S.Venkatesh	Implementation of drivable area and road anamoly segmentation	
34		177R1A04A0	OGGU RAMESH			
35		177R1A0481	GUMMADEVALLY SUNAY			
36		177R1A0494	N MANASA			
37	B10	187R5A0414	THONTI RANJITHA	Dr.P.Sireesha	Road Sign Recognition and Alerting System for Vehicle using Raspberry Pi	
38		17601A0423	SANGU GEETHANJALI			
39		177R1A0462	ARPULA ROHITH KUMAR			
40		177R1A0495	NASAMAINA SRIVEN KUMAR			
41	B11	177R1A04B8	YEDA LIKHITHA	Dr.Bandi Doss	QCA Based Error detection circuit for Nano communication network	
42		177R1A04A5	P. SAI YASHWANTH REDDY			
43		177R1A0465	BANGARE MEGHANA			
44		177R1A04A6	PASUPUNOORI SHEKAR			
45	B12	177R1A04B1	P. VYSHNAVI	Mr.T.Sai Kumar	Video dehazing	
46		177R1A0487	J.SAI VENKATA NIHARIKA			
47		177R1A0490	K.PRANEETH			
48		177R1A0496	K.VARA PRASAD			
49	B13	17601A0424	SARE VAISHNAVI	Mr.Md Ameenuddin	Industrial environment parameters monitoring using Iot	
50		177R1A04A8	P TEJASHWINI RAO			
51		177R1A0464	BANDI VENKATESH			
52		177R1A0491	MOHAMMAD FERAZ			

53	<b>B14</b>	177R1A0486	M.SAI POOJITHA REDDY	<b>Dr.K.Bharat Kumar</b>	<b>Real time implementation of speech steganography</b>	
54		187R5A0411	ADURUGATLA VINEELA			
55		177R1A04B0	REVANTH AKULA			
56		167R1A0490	MUDAGANI SUDHAMSH			
57		167R1A0486	K.SAI RAM			
58	<b>B15</b>	177R1A0472	B.ALEKHYA	<b>Mr.D.Sreekanth</b>	<b>TEXT DEPENDENT HUMAN VOICE RECOGNITION SYSTEM</b>	
59		177R1A04C0	V.SANJANA			
60		177R1A04A1	PAGIDYALA LIKITHA			
61		167R1A0477	GANGARAPU VINAY KUMAR			
62		187R5A0417	YEDALA BHARATH KUMAR			
63	<b>B16</b>	177R1A0489	MEDURI BHARATH	<b>Mr.S.Mallesh Narayan</b>	<b>ADVANCED FOOTSTEP POWER GENERATION SYSTEM USING PIEZOELECTRIC SENSORS</b>	
64		177R1A0475	BANDARU LALITH KUMAR			
65		177R1A04B6	VIJAYANAND REDDY DEVI REDDY			
66		157R1A0420	JINKALA SAI PRASAD			

**Dr.Sudha Chandrika**  
IV-C Project Incharge

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

S.No.	Batches	Hall ticket No.	Name of the Student	Project Guide	Project Title	Remarks
2	C1	177R1A04H5	VENNAPU JAYARAM	M.Sravanthi	Pneumonia chest X-ray Detection using CNN	
3		177R1A04E2	DULLA RAJVARHDAN			
4		177R1A04D9	D. DIANA ARPITHA			
		177R1A04E0	D.NIHARIKA			
5	C2	177R1A04G0	M.RUPASRI	Dr.Sudha Chandrika	Vehicles License Detection using QR Code	
6		177R1A04E1	G. HARIKA			
7		177R1A04H0	T.KRISHNA SAHITH			
8		177R1A04E5	G. SURYA TEJA			
9	C3	177R1A04E3	GOMARAM MANISH REDDY	Dr.P.VenkataKrishnan	Drone with Robotic Arm	
10		177R1A04D8	G AKHIL KUMAR			
11		177R1A04D0	B.VISHWAJITH			
12		177R1A04C5	A. PRUTHVI			
13	C4	177R1A04H2	V. AKHILA	Dr.Mahesh V.Sonth	Fingerprint Based Smart Bank Locker Security System with Face and Speech Authentication	
14		177R1A04H4	V.SAHITHI			
15		177R1A04G2	P. RAGHUVARAN			
16		177R5A0427	K.SAI KIRAN			
17		177R1A04F2	L.NAVEEN			
18	C5	177R1A04C3	A. ANAGHA	K.Mohana Lakshmi	Implementation of Multimodal Medical Image Fusion using Laplacian Re-decomposition	
19		177R1A04C8	BADAGU JAYASREE			
20		177R1A04G3	PIDISHETTY HARIKA			
21		177R1A04E4	KOYYADA KARTHIK			
22	C6	177R1A04E7	K. KAVYA	Dr.Sudha Chandrika	Simulation of DoS and DDoS attack using Network Simulator-3	
23		177R1A04F0	K. SAI KARTHIK REDDY			
24		177R1A04F3	K.YESHWANTH			
25		177R1A04E9	K. CHUCHITH			

26	C7	177R1A04F4	M. SHRUTHI	T.Nagarjuna	Design and Simulation of Polarization Reconfigurable Antenna using using PIN Diodes
27		177R1A04E6	G.PRATHYUSHA		
28		177R1A04D5	D. MAHESH		
29		187R5A0431	I.CHANDANA		
30	C8	177R1A04G1	N. SRILATHA	Dilshad Shaik	Automatic Gender and Age Detection using Deep Learning
31		177R1A04H7	V.MOUDGALYA		
32		177R1A04D2	B.YESHWANTH		
33		167R1A04A0	P. MAHESH KUMAR		
34		177R1A04C6	A .SRINIVAS		
35		177R1A04C1	D.ABHILASH		
36	C9	177R1A04D1	B. AKHIL	D.Sreekanth	Smart Navigation System for Blind People using Raspberry Pi with Object Recognition using OpenCV
37		177R1A04F1	K.AKHIL		
38		177R5A0422	B.KIRAN KUMAR		
39		177R1A04H3	V. PRADEEP REDDY		
40	C10	177R1A04G5	P. SHIVA KRISHNA REDDY	B.Karuna Sree	Face Detection using Anchor Cascade based Network
41		177R1A04G9	S. SUBASH		
42		187R5A0433	U.RAMAKRISHNA		
43		187R5A0429	V.SOUJANYA		
44	C11	177R1A04H1	T. NAGA JYOSHNA	Dr.Sudha Chandrika	Identification of Traffic Signal for Blind People
45		177R1A04C2	A. ROHITH REDDY		
46		187R5A0432	D.PAVAN KALYAN		
47		177R1A04F7	M.SAIKUMAR REDDY		
48	C12	177R1A04G4	SACHIN SHARMA	Prof.G.Srikanth	Designing a Flask Web application for Academic Forum and Faculty Rating using Sentiment Analysis
49		177R1A04G8	P. SINDHU		
50		177R5A0424	M. RAGHAVENDRA REDDY		
51		177R1A04F8	MIRZA MOHAMMED ESSAM BAIG		
52	C13	177R1A04G6	SOPAN SHRIRANG KOTBAGI	Dr.Sudhamani Chilakala	Home Intercom System using Power -Line Communication
53		177R1A04J0	MULAGANDLA GOUTHAM SAI KUMAR		
54		187R5A0424	KOTA GANESH VENKATESH		

55	C14	177R1A04G7	SREERAMA PRATHIMA	Mohd. Abdul Naqi		
56		177R1A04C7	AVULURI KIRANMAI			
57		177R1A04D4	PRUTHVI CHAND BOMMIDI		Assistive wireless Bot for Object Detection and Alerting using LabVIEW	
58		177R1A04F6	MUKKU PRAGNA SWATHI			
59	C15	177R1A04D3	B.SAI MOUNIKA	Isharath Unissa		
60		187R5A0427	S.NITHYA			
61		187R5A0434	N. AKSHAY KUMAR		Improving the Area of Fast Parallel Decimal Multiplier	
62		187R5A0423	G.NANDA KISHORE			
63		187R5A0430	SOWJANYA			

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