

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING****STUDENT PROJECT DETAILS 2022-2023 (SECTION 'A')**

#	USN	Name of the Student	Project Title	Project Guide
1	4GM19EC004	Adarsh D A	AI and IOT Based Fire Detection System Using Arduino	Dr. Rajashekhar Somasagar
2	4GM19EC033	Manu N J		
3	4GM19EC039	Karthik R K		
4	4GM19EC047	Guruprasad K M		
5	4GM19EC025	Darshan V	Solar Based Gesture Control Wheelchair	Prof. Asha T
6	4GM19EC026	Deeksha S H		
7	4GM19EC037	Inchara H M		
8	4GM19EC043	Krishna P B		
9	4GM19EC010	Arjun B S	Energy Aware And Execution Latency Optimized Computation Offloading Using Neural Network With Fog Cloud Association	Prof. Suprith P G
10	4GM19EC013	Bhargava Ram D S		
11	4GM19EC017	Bindushree V S		
12	4GM19EC020	Chandana K N		
13	4GM19EC018	Chaitra Y G	Low Leakage Power 8T SRAM Cell Based On Self Controllable Voltage Level Logic	Prof. Santhosh B G
14	4GM19EC021	Chandana L		
15	4GM19EC029	G N Sahana		
16	4GM19EC054	Naveen M R		
17	4GM19EC015	Boomika P S	IOT Based Manhole Detection And Monitoring System	Prof. Manjula B K
18	4GM19EC028	Divya K T		
19	4GM19EC055	Nayana G S		
20	4GM19EC057	Neha S N		
21	4GM19EC011	Asfa M Nadaf	Vehicle Number Plate Recognition System For Security Using Image Processing	Prof. Sampath Kumar B
22	4GM19EC019	Chandana K M		
23	4GM19EC030	Gagana G		
24	4GM19EC044	Liptha H L		
25	4GM19EC045	Madhura C N	Automated Billing Smart Trolley	Prof. Rajendra S Soloni
26	4GM19EC052	Nagashree K M		
27	4GM19EC053	Nanditha H R		
28	4GM19EC056	NeelimaShri C H		
29	4GM19EC012	Kavana B K	IOT Based Food Spoilage Detection System	Prof. Rajendra S Soloni
30	4GM19EC031	Bhanushree K M		
31	4GM19EC040	Gagana P M		
32	4GM20EC403	Anjali M S		
33	4GM19EC006	Aishwarya M H	Sustainable Solar Energy Generation Monitoring Based On The Azure Cloud Platform For Enterprise Usage	Prof. Deepa T
34	4GM19EC008	Ankitha Jain		
35	4GM19EC009	Anusha B M		
36	4GM20EC412	Nanditha K B		

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37	4GM19EC003	Abishek M Raikar	IOT Based Tree Cutting Prevention System	Prof. Akshatha Chavan
38	4GM19EC023	Chirantana K M		
39	4GM19EC038	Jeevan N M		
40	4GM20EC407	Dhananjay Kumar K T		
41	4GM19EC049	Mohammed Abrar B	Sun Tracking Solar Panels Using Machine Learning Algorithm	Dr. Kavitha K J
42	4GM19EC050	Moin Khan		
43	4GM19EC058	Nihal Ali N M		
44	4GM19EC059	Nilafar M		
45	4GM19EC002	Abhishek Gaikwad	IOT Boat	Prof. Chaitra S N
46	4GM19EC024	Darshan S		
47	4GM19EC034	Harshitha T S		
48	4GM19EC036	Hemanthraj R B		
49	4GM18EC057	Namrata M	Firefighting Robotic Vehicle Using Arduino	Prof. Akshatha Chavan
50	4GM20EC400	Akash M Raikar		
51	4GM20EC413	Pooja M G		
52	4GM19EC007	Anil Kumar Melmalgi	IOT Based Wireless EV Charging And Battery Monitoring System	Prof. Raviteja B
53	4GM19EC022	Chandana N G		
54	4GM19EC027	Deekshith M		
55	4GM19EC042	Keerthi G S		
56	4GM20EC404	Chetan B	Speaking System For Impaired People Using Hand Gesture	Prof. Chetan B V
57	4GM20EC410	Harish V Shet		
58	4GM20EC418	Vinayaka S		
59	4GM20EC419	Wilson Sujeevaraj		
60	4GM19EC001	A M BasavaKiran	GPS Model Based Crop Recommendation System	Prof. HanumanthRaju K
61	4GM19EC005	Ahmed Zahed		
62	4GM19EC032	Ganesh Pawar		
63	4GM19EC014	Bhavana D	Plant Diseases Classification Using Deep Learning	Prof. HanumanthRaju K
64	4GM19EC041	Kavya V		
65	4GM19EC046	Manukumar B S	Detection of Kidney Stone Using Image Processing	Dr. Rajashekhar Somasagar
66	4GM19EC048	Manoj K B		
67	4GM20EC401	Amin Uddin		

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING****STUDENT PROJECT DETAILS 2022-2023 (SECTION 'B')**

#	USN	Name of the Student	Project Title	Project Guide
1	4GM19EC075	Priyanka Desai	Heart Disease Prediction System Using Machine Learning	Dr. Rajashekhar B Somasagar
2	4GM19EC107	Taniya G A		
3	4GM20EC409	Gagana M G		
4	4GM20EC411	Manjarika L D		
5	4GM20EC402	Amritha J P	Real Time ECG And Saline Level Monitoring System Using Node MCU	Prof. Asha T
6	4GM20EC416	Shreya K V		
7	4GM20EC417	Suraj S M		
8	4GM19EC065	Pradeep Kulakarni	Design and Implementation of IOT Concepts for Health and Safety Parameters in Smart Kitchencupboard	Prof. Chetan B V
9	4GM19EC071	Prajwal V		
10	4GM19EC110	Vedamurthy H R		
11	4GM19EC115	Vishweshara K	Automated Ration Dispenser Using RFID	Prof. Veena H T
12	4GM19EC118	Hemanth K M		
13	4GM20EC408	Gagan A M		
14	4GM18EC081	Rameshchandra CB C		
15	4GM19EC068	Prajwal H C	Sign Language Detection Using Machine Learning	Dr. Kavitha K J
16	4GM19EC069	Prajwal M K		
17	4GM19EC082	Revanth G B		
18	4GM19EC084	Sameer M		
19	4GM19EC060	Nitesh K M	Wind Turbine Monitoring System Using Lora	Prof. Gayatri S G
20	4GM19EC061	Nithin P		
21	4GM19EC066	Prajwal B D M		
22	4GM19EC073	Praveen Kumar K Patil		
23	4GM19EC063	Pooja M V	Skin Cancer Detection Using Image Processing	Prof. Ravathi S N
24	4GM19EC064	Pooja N		
25	4GM19EC098	Spoorthy B V		
26	4GM19EC106	Syeda Nazneen Anjum		
27	4GM19EC083	Sachhiveni N	Banana Disease Detection and Diagnosis Using Machine Learning Algorithms	Dr. Rajashekhar B Somasagar
28	4GM19EC086	Sandhya K M		
29	4GM19EC094	Shwetha G S		
30	4GM19EC097	Sowmya N		
31	4GM19EC070	Prajwal V	Design And Implementation of Low Power VLSI FINFET Dynamic Latch Comparator Using Cadence Tool	Dr. Praveen J
32	4GM19EC099	Srirakshitha S		
33	4GM19EC111	Vidya G U		
34	4GM20EC415	Prajwal S K		

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35	4GM19EC072	Pratibha M Eresheemi	Design And Implementation of Low Power VLSI Adiabatic Logic Circuit Using Cadence Tool	Dr. Praveen J
36	4GM19EC102	Sushmitha P M		
37	4GM19EC108	Trupthi Pujar C H		
38	4GM19EC113	Vinutha K	Dynamic Buffer Circuit to Minimize Power	Dr. Praveen J
39	4GM19EC074	Priya H S		
40	4GM19EC092	Shreya B J		
41	4GM19EC100	Srushti S Kusagur	Power Leakage Reduction Method for Portable Devices.	Prof. Deepika V B
42	4GM19EC101	Sushma K R		
43	4GM19EC062	Noorjahan Halageri		
44	4GM19EC079	Rashmi Mallur	Soil Fertility Monitoring And Automated Suggested System For Precision Agriculture Using IOT	Prof. Chaitra S N
45	4GM19EC116	Yashodha Goggad		
46	4GM19EC117	Yuktha N R		
47	4GM19EC080	Raveena D R	Design Of Low Power and High Speed VLSI Domino Logic Circuit Using Cadence Tool	Dr. Praveen J
48	4GM19EC096	Sonal D Kature		
49	4GM19EC103	Swathi N		
50	4GM19EC104	Swathi R H	RFID Based Fuel Dispenser System For Checking Legitimate Vehicle Documents	Dr. Praveen J
51	4GM19EC077	Punyashree K S		
52	4GM19EC087	Sanjana Mohite S		
53	4GM19EC095	Sinchan U	Identification of Medicinal Leaves For Treatment Of Various Diseases	Prof. Manjula B K
54	4GM19EC109	Varshitha Patil M p		
55	4GM19EC090	Shivanand H		
56	4GM19EC091	Shivaraj Malakannavar	Smart Glasses Visually Impaired Peoples	Prof. Harisha G C
57	4GM19EC105	Syed Saqhib Suheel		
58	4GM19EC114	VirupakshaGuptha		
59	4GM19EC078	Ramsiddesh N V	Smart Glasses Visually Impaired Peoples	Prof. Harisha G C
60	4GM19EC081	Revanasiddesh K G		
61	4GM19EC088	Santosh B Haveri		
62	4GM19EC093	Shreyas Satish Nadiger	Smart Glasses Visually Impaired Peoples	Prof. Harisha G C
63	4GM19EC067	Prajwal Ganapati Bhat		
64	4GM20EC405	D Raju		
65	4GM20EC406	Darshan E M	Smart Glasses Visually Impaired Peoples	Prof. Harisha G C
66	4GM20EC414	Pooja S		