



K.S. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VIII SEMESTER PROJECT DETAILS 2024-25

Sl No	USN	Name	Team #	Title	Guide
1	IKS21EC017	B S Bhargav	1	Amphibious Hovercraft	Dr. P.N Sudha
2	IKS21EC021	Chintan D S			
3	IKS21EC048	Mithun C			
4	IKS21EC041	Likitha L	2	Personalized Room Cooling Unit	Dr. Rekha N
5	IKS21EC001	Aadhya B N			
6	IKS21EC003	Abhishek H C			
7	IKS21EC020	Bindushree S	3	EcoNav Drone X (Environmental scanning and navigation with real time data transmission drone)	Dr. Dinesh Kumar D S
8	IKS21EC047	Misba M			
9	IKS21EC049	Monisha D			
10	IKS21EC061	Pooja R	4	Border Surveillance Bot	Mr. B.R.Santhosh Kumar
11	IKS21EC032	Harini L			
12	IKS21EC006	Akshay C			
13	IKS21EC010	Archana G M	5	Automated Crime detection and Alert System VIA Embedded Deep Learning	Dr. Devika B
14	IKS21EC013	Ashcharya N B			
15	IKS21EC007	Akshay M S			
16	IKS21EC042	Lohit S Hoolageri	6	Integrated Vehicle Tracking with Weight, Tilt, Geofencing & Authentication	Dr. Electa Alice Jayarani A
17	IKS21EC043	Lohith B			
18	IKS21EC045	Manoj T V			
19	IKS21EC023	Chiranth V V	7	Advanced Water Quality Monitoring System for Environment Conservation	Dr. Bharathi Gururaj
20	IKS21EC033	Hemanth D R			
21	IKS21EC055	Nayana J			
22	IKS21EC053	Narahari N Joshi	8	Intelligent Traffic Rules Violation Detector	Mrs. Ramya K R
23	IKS21EC024	Daggupati Charitha			
24	IKS21EC050	Sai Himaja			
25	IKS22EC404	Shrujana G	9	Agribot: Automated Pesticide Sprayer and Grass Cutter	Mrs. Vishalini Divakar
26	IKS21EC025	Damini S			
27	IKS21EC015	B N Jeevan			
28	IKS21EC028	Gagan V	10	Oil Skimming Boat	Mrs. Sangeetha V
29	IKS21EC059	Pavan M Pai			
30	IKS21EC029	Gagana Sindu N			
31	IKS21EC026	Deeksha H K	11	Paper Detection and Exam Hall Allotment using GSM	Mr. Christo Jan
32	IKS21EC035	Vivek			
33	IKS21EC051	Nandan K			
34	IKS21EC054	Naveen S	12	Autonomous UV Sanitization Robot	Mrs. Pragathi Pukkela
35	IKS21EC011	Archana M			
36	IKS21EC018	Bhavya K			
37	IKS21EC027	Deepika D	13	Footstep Electricity Generator & Energy Harvesting System	Dr. Saleem S Tevaramani
38	IKS21EC062	Prajwal D			
39	IKS22EC402	B Sreepadreddi			
40	IKS22EC403	Chaitra N	14	Wild Life Observation Robot	Mr. Satish Kumar B
41	IKS22EC405	Hema K			
42	IKS22EC411	Sudeep P			
43	IKS22EC401	Apoorva B	15	Fuel Analyzer	Mrs. Bhargavi Ananth
44	IKS22EC406	Pavan Gowda H P			
45	IKS22EC407	Prajwal Patil B S			
46	IKS22EC410	Sowmya A M	16	Green Power Generation with RFID Access Control	Mrs. Bhanumathi A
47	IKS21EC039	Kushal Gowda U			
48	IKS21EC038	Komala N			
49	IKS21EC082	Sai Rahul N	15	Fuel Analyzer	Mrs. Bhargavi Ananth
50	IKS21EC044	Lohith S			
51	IKS21EC063	Prajwal G V			
52	IKS21EC081	Sagar G S	16	Green Power Generation with RFID Access Control	Mrs. Bhanumathi A
53	IKS21EC106	Tharun K V			
54	IKS21EC107	Thejas H V			
55	IKS21EC078	S Hari Dhanush	15	Fuel Analyzer	Mrs. Bhargavi Ananth
56	IKS21EC075	Rehaman Shariff			
57	IKS21EC087	Sanjay P			
58	IKS21EC089	Shaik Artath	16	Green Power Generation with RFID Access Control	Mrs. Bhanumathi A
59	IKS21EC098	Sumukh P			
60	IKS21EC104	Tarun M			
61	IKS21EC115	Vidya I	16	Green Power Generation with RFID Access Control	Mrs. Bhanumathi A
62	IKS21EC116	Vidya Rawal D			

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63	1KS21EC067	Prayag Singh S	17	Hardware Accelerator for Sign Language Detection on FPGA	Mrs. Vishalini Divakar
64	1KS21EC108	Thushar Chorian			
65	1KS21EC113	Varshith S			
66	1KS21EC092	Shwetha V			
67	1KS21EC066	Pratham R Shanbhag	18	DAM Automation	Dr. Anita. P
68	1KS21EC065	Prajwal R			
69	1KS21EC069	Preksha S			
70	1KS21EC084	Sanjana V			
71	1KS21EC046	Meghana N	19	Landslide Detection and Traffic Automation	Mrs. Suma Santosh
72	1KS21EC086	Sanjay N			
73	1KS21EC090	Shashank C U			
74	1KS21EC409	Soundarya S			
75	1KS21EC073	Rakshitha M R	20	Smart Pepper Spray with GPS Camera Integration	Mr. Naveen Kumar S
76	1KS21EC099	Suneetha			
77	1KS21EC408	Sangeetha H M			
78	1KS21EC112	Varsha S Davaskar			
79	1KS21EC068	Preetham M	21	Next Gen Wireless charging Adv tech for I.V Power Transfer	Mrs. Priyadharshini V
80	1KS21EC074	R J Shriya			
81	1KS21EC076	Ritesh Kumar Sinha			
82	1KS21EC118	Vijay Yadav R			
83	1KS21EC083	Samhitha Prakash	22	Autonomous Weed Identification Robot	Mrs. Sangeetha V
84	1KS21EC096	Srilakshmi G			
85	1KS21EC105	Tejasree N			
86	1KS21EC110	Vaishnavi B A			
87	1KS21EC077	Rithika M	23	Design & Implementation of Heliotropic Solar Panel System for Enhanced Energy Harvesting	Mrs. Preetha Kamath B
88	1KS21EC097	Sripriya H G			
89	1KS21EC117	Vidyashree R			
90	1KS21EC019	Bhuvana H			
91	1KS21EC040	Kusuma M. S	24	Workers Monitoring and Safety Assurance Bot in Oil Refinery using ESP32 CAM	Mrs. Sapna Patil
92	1KS21EC100	Suneetha S			
93	1KS21EC102	Surabhi K. R			
94	1KS21EC002	Abhijith R			
95	1KS21EC058	Omkar N B	25	IOT Surveillance for Real-Time Scream & Fire Detection	Dr. P N Sudha
96	1KS21EC095	Spoorthy M U			
97	1KS21EC036	Karan S			
98	1KS21EC080	S. Shajith Ali			
99	1KS21EC120	Vyshak G R	26	Staircase Cleaning Robot	Dr. Rekha N
100	1KS21EC121	Yashwanth M			
101	1KS22EC400	Adithya D			
102	1KS21EC064	Prajwal H S			
103	1KS21EC071	Raghavendra Narayan Pujar	27	Autonomous Enemy Detection and Real Time Surveillance Rover for Defense	Dr. Dinesh Kumar D S
104	1KS21EC088	Sathyam Kumar Mandal S			
105	1KS21EC091	Shreyas Raghavendra V			
106	1KS21EC070	Punith M			
107	1KS21EC093	Sindhu M Nimbal	28	Automated Bar Code Based Warehouse Sorting System.	Mr. B.R.Santhosh Kumar
108	1KS21EC109	Uday Kumar S R			
109	1KS21EC111	Varsha Jaykumar			
110	1KS21EC072	Rakshith S			
111	1KS21EC085	Sanjay G	29	Gesture Controlled Robotic ARM with Mobile Rover Integration	Dr. Devika B
112	1KS21EC101	Supreeth A			
113	1KS21EC103	Sushen Krishnapur			
114	1KS21EC014	Ashwin S R			
115	1KS21EC037	Keerthana S	30	Smart Ride Helmet using Raspberry Pi	Dr. Electa Alice Jayarami A
116	1KS21EC001	Abhishek T S			
117	1KS21EC005	Aishwarya A			
118	1KS21EC031	Gurushankara M			
119	1KS21EC008	Anagha Prakash	31	Neuro Driven Speech Synthesis	Dr. Bharathi Gururaj
120	1KS21EC009	Anirudh R Bhat			
121	1KS21EC060	Poluru Manjunath			
122	1KS21EC114	Veeresh K N			
123	1KS21EC056	Nayana S	32	Rural Health Care Empowerment using AI-Enhanced Telemedicine KIOSK	Mrs. Ramya K R

Project CO-Ordinators

HOD-ECE