K S SCHOOL OF ENGINEERING AND MANAGEMENT

Department of Electronics and Communication Engineering

List of Proposals Sanctioned and Completed

S. No	Faculty Investigator	Student	Title of the Project	Amount Sanctioned	Year of Completion
1	Dr. Karthik P	---	Design and Development of Novel Sensor for Detection and Direction Finding for Underwater	Rs.24,89,200/-	Jan 2017
2	Mr. Ravikiran B A & Dr. Karthik P	Mr. Mahesh P	Arduino Based Qucadcopter with Obstacle Avoidance Features	Rs. 4500/-	June 2014
3	Mr. Ravikiran B A	Mr. Vasudev KT	Design and Implementation of Programmable Smart Glove for Gesture Recognition Application	Rs. 5000/-	June 2016
4	Mrs. Swati Sarkar	Ms. Gunasree G	Implementation of Smart Gadget for Women Safety by Using Raspberry Pi	Rs. 5000/-	June 2018
5	Mrs. Prathibha SN	Mr. Pradeep C	Design and Implementation of Asset Management using Deep Learning	Rs. 5000/-	June 2018
6	Dr. Karthik P	Mr.Anand B N	Development and Implementation of AUV for Data Acquisition and Image Enhancement	Rs. 5000/-	June 2018
7	Mr. Syed WaseemTabriaz	Ms. Harshitha R	Implementation of Automatic Evaluating of Water Quality using IoT	Rs. 5000/-	June 2018
8	Mr. Gopalakrishna Murthy CR	Ms. Apeksha M	Design and Implementation of Highway Electric Power Generation Using Wind Turbine for Smart Traffic and Light Control System Using Aurdino	Rs. 6000/-	June 2019
9	Mrs. Shanthala GM	Ms. Alekhya J	Implementation of Smart Land Survey Robot Using Aurdino Mega	Rs. 7000/-	June 2019
10	Mr. Ravikiran B.A	Mr. Nishith K Vasishta	Implementation of a Raspberry Pi based Assistance System for the Visually Impaired	Rs.6000/-	August 2020
11	Mrs. Shanthala GM	Ms. Sushma S	Implementation of Automated Shopping Trolley for Billing System Using Raspberry Pi	Rs. 5000/-	August 2020
12	Mr. Gopalakrishna Murthy CR	Ms. Priyanka	Design and Implementation of Aurdino Based Automated Smart Sericulture System	Rs.4500/-	August 2020
13	Dr, Girish V Attimarad &DrKarthik P	Ms. Sangeetha B	Image Processing in Side SCAN SONAR Images for Object Detection and Classification	Rs. 5000/-	August 2020
14	Mr. Ravikiran B A	Mr. Arvind K	Design and Implementation of Wearable Auscultation Device for Cardiopulmonary Sound Monitoring	Rs. 5000/-	August 2020
15	Dr. K. Senthil Babu	Ms. Pooja N	Gas Sensor Based Portable Enose for Inquisition of Food Samples	Rs. 5,000/-	August 2021
16	Mr. Vinay R	Ms. Shreyas S S	Design and Impementation of Contact-less Biometric and Temperature Monitoring System	Rs. 5,000/-	August 2021
17	Mr. Manu D K	Ms. Pavithra G P	Design and Development of Solar Panel Tracking System	Rs. 6,000/-	August 2021

18	Mrs. Shanthala G M	Ms. Nikitha S N	Implementation of Digitalized Aadhar Enabling Ration System using IoT	Rs. 5,000/-	August 2021
19	Dr.Manu D K	Mr. Ganesh P K	Solar Outdoor Air Purifier with Air Quality Monitor	Rs. 5,000/-	July 2022
20	Mr. Gopalakrishnamurthy C R	Ms. J.Akila Ms. D Devishree	IoT based approach for Fully Automated Greenhouse.	Rs. 5,000/-	July 2022
21	Mrs. Manjula B G	Mr. Pratik P Shirali	Design and Development of Power Generation Model by Semi Perpetual Motion Machine	Rs. 5,000/-	June 2023
22.	Mr. Ravikiran B A	Mr. Lingutla Tarun Kumar	Eye Tracking System for Appliance Control by Paralyzed Impared	Rs. 4,000/-	June 2023
23	Dr. K Senthil Babu Mrs. Bhargavi V S	Ms. R. Sasikala	Smart Electronic AID for Visually Impared	Rs. 5,000/-	June 2023
24	Mrs. Renuka V Tali Dr. K. Senthil Babu	Ms. Sneha B	An IoT-Based Smart Wearable System for Monitoring Asthma Patients.	Rs. 5,000/-	June 2023
25.	Dr. K. Senthil Babu	Mr. Nithin N	Design and Fabrication of a prototype for Knee Rehabilitation	Rs.5,000/-	June 2023
26	Mr. Gopalakrishnamurthy	Mr. Dheva C	Implementation of a Prototype for Automatic Compression Mechanismin BVM	Rs.5,000/-	June 2023
27	Mrs. Tejaswini G V	Mr. Anush K C	Design and Development of Electric Power Generation Model using Urban Waste	Rs.5,000/-	June 2023
28	Mrs. Hemapriya M	Mr.Gowtham R	Soft Switch Operated Interleaved Boost Converter	Rs.5,000/-	June 2023
			TOTAL	**Rs. 1,31,000/-**	

HOD (ECE)