RARAJESWARI COLLEGE OF ENGINEERING, Bangalore

An Autonomous Institution, Under VTU, Approved by AICTE, GoK.

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Innovative Projects funded by Govt. fundingAgencies during last 10 Academic Years 2016–2017 to 2024 - 2025

Sl.No	Academic year	Title of the Project	Name of the Supervisor	Funding Agency	Sanctioned Amount
1	2016-17	Application of Internet of Things in Automated Irrigation System (3 - Phase)	Mr. Prasad A Y	KSCST	Rs.4500/-
2	2017-18	Application of Green House Management for Crop Irrigation using IOT	Dr. J. Amutharaj	KSCST	Rs.4000/-
3	2017-18	Self Defence System for Women with Location Tracing and SMS Alerting through GSM Network using IOT	Mrs.Neha Singhal	VTU	Rs.5000/-
4	2017-18	Application of Green House Management for Crop Irrigation using IOT	Dr. J. Amutharaj	VTU	Rs.5000/-
5	2018-19	Smart Helmet for Accident Prevention and Coal mines Safety Monitoring and Alerting system	Mrs.Neha Singhal	KSCST	Rs.6500/-
6	2018-19	Development of Smart Healthcare System connecting e-health sensor and Cloud for Rural Healthcare	Dr. J. Amutharaj	VTU	Rs.5000/-
7	2018-19	Development of an IOT based System for providing Standard Life Style to Hearing Impaired and Visually Challenged People	Mrs.Vinutha H	VTU	Rs.5000/-
8	2019-20	Design and Development of WSN Based Monitoring System to Monitor the Strength and Lifetime of Bridges And Flyovers	Mrs. Rajeshwari S	KSCST	Rs.4500/-
9	2019-20	Smart Traffic Control Barricade System	Mrs. Ashwini R Malipatil	KSCST	Rs.3500/-
10	2019-20	Machine Learning based Feature Extraction Methods for Estimation of Driver's Drowsiness	Dr. J. Amutharaj	VTU	Rs.5000/-
11	2019-20	Multi-grid Phase field Skin Tumor Segmentation in 3D Ultrasound Images	Mrs. Veda D	VTU	Rs.5000/-
12	2019-20	Virtual Eye - An Intelligent Assistant for Visually Impaired using Artificial Intelligence (AI).	Mrs.Neha Singhal	VTU AVISHKAR	Rs.5000/-

Sl.No	Academic year	Title of the Project	Name of the Supervisor	Funding Agency	Sanctioned Amount
13	2020 – 21	Lane Detection And Object Detection Using OpenCv With Steering Advisor For Driver	Mrs. Vinutha H	KSCST	Rs. 3500
14	2020 – 21	Design Of IOT Based Vehicle Theft Detection	Mrs. Ashwini R Mali Patil	KSCST	Rs. 4500
15	2020 – 21	Unusual Event Detection For Enhancing ATM Security	Mrs. Veda D	KSCST	Rs. 4000
16	2020 – 21	Multi-Tasking Smart Robot	Dr. J. Amutharaj	**VTU**	Rs.5000/-
17	2020 – 21	Design and Implementation for Modernization of Agriculture and Crop Protection using IoT	Mrs. Rajeshwari S	**VTU**	Rs.5000/-
18	2021 - 22	Forest Fire and Smoke Detection to avoid Air Pollution	Dr. J. Amutharaj	KSCST	5000/-
19	2021 - 22	Face Recognition system for ATM Transaction	Dr. J. Amutharaj Ms. Priyanka S	KSCST	5000/-
20	2021 - 22	Corona Virus Detection using Machine Learning	Dr R Balakrishna	VTU	5000/-
21	2021 - 22	AI based Assistant for Unsighted, Hearing Impaired and Inarticulate	Dr Neha Singhal	VTU	5000/-
22	2022 - 23	Real-Time Anomaly Detection Using Video Surveillance System For Enhancing Security	Dr. J. Amutharaj	KSCST	4000/-
23	2022 - 23	Improvement Of Legitimate Mail Server Detection Method Using Sender Authentication	Mrs.T.Rathi Devi	KSCST	4000/-
24	2022 - 23	The Implementation And Detection Of Keyloggers In A System	Mrs. Pavithra N	KSCST	4000/-
25	2023 - 24	Detection of Cardiac Arrhythmia	Mr. Dineshkumar M	KSCST	Rs.3500
26	2023 - 24	Brain Tumor Detection and Classification	Ms. Sinchana M N	KSCST	Rs.3500
27	2023 - 24	Detection of Attacks in Network using Machine Learning Algorithms	Ms. Sinchana M N	KSCST	Rs.3500
28	2024 - 25	Text to Image Generator	Mr. Dineshkumar M	KSCST	Rs.2500