

Student Grants

Research Projects sanctioned by Government and Non-Government Agencies

Academic Year	No. of Faculty Projects sanctioned
2024-25	12
2023-24	07
2022-23	08
2021-22	12
Total	39

Details of the Projects

Name of the research project/ endowment	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (in Lakhs)	Duration of the project	Name of the Funding Agency
Traffic Density Control with android override using AVR.	Dr. Nandini V Patil Prof. Akkanagamma	CSE	2024-25	0.04	4 Months	KSCST
IOT Womb care: ShishuSwasthyaGamana	Prof. Amruta Prabhugouda	CSE	2023-24	0.055	4 Months	KSCST
Soldier Health and Position Tracking System	Prof. Vijayalaxmi	CSE	2023-24	0.05	4 Months	KSCST
Solar Scarecrow with sound sensing	Prof. Nandini s Patil	CSE	2023-24	0.05	4 Months	KSCST
IoT Based Automated indoor vertical hydroponics farming	Dr. Jyoti Marnur	CSE	2022-23	0.04	4 Months	KSCST
Solar power-based weed cutting robot in vegetable farming	Prof. Nandini V Patil	CSE	2022-23	0.04	4 Months	KSCST
IoT-Based Indoor air quality monitoring Approach	Prof. Jyoti Neginal	CSE	2022-23	0.03	4 Months	KSCST

Spit sensing and monitoring	Prof. Anita B M	CSE	2022-23	0.04	4 Months	KSCST
Prevent accident in sharp curve roads using ultrasonic sensor and arduino	Prof. Vijayalaxmi Patil	CSE	2022-23	0.04	4 Months	KSCST
Wireless Sensor Network Based Agricultural Monitoring System	Dr. Jyoti R M	CSE	2021-22	0.05	4 Months	KSCST
Internet of Things (IOT) Based Indoor Air Quality Sensing and Prescient Analytic-A Covid-19	Dr. Manikamma	CSE	2021-22	0.05	4 Months	KSCST
Sentiment Analysis for Covid-19 Twitter Data set using ML	Dr. Sridevi Hosmani	CSE	2021-22	0.05	4 Months	KSCST
Modeling and Predicting Cyber Hacking Breaches.	Prof. Anita B M	CSE	2021-22	0.05	4 Months	KSCST
IOT Based Smart Health Monitoring System for Omicron Patients.	Prof. Chetana Patil	CSE	2021-22	0.05	4 Months	KSCST
IOT Based Women safety Patrolling Robot	Prof . Shruti S A	CSE	2021-22	0.05	4 Months	KSCST
Covid-19 Future Forecasting Using Supervised Machine Learning	Prof. Jyoti Neginal	CSE	2021-22	0.04	4 Months	KSCST
Intelligent Agriculture Monitoring System for Smart Farming Using Machine Learning Technique.	Dr. Sujata Mallapur	CSE	2021-22	0.05	4 Months	KSCST
Covid-19 detection using X-Ray	Dr. Shivaleela Patil	CSE	2021-22	0.05	4 Months	KSCST
Design And Development of IoT Based Smart Toll Booth System Using Arduino	Prof. Ratnakala Patil	AI and ML	2024-25	0.045	4 Months	KSCST

IoT-Powered Emergency Button for Women's Safety	Dr. Sujata Mallapur	AI and ML	2024-25	0.045	4 Months	KSCST
Audio Text and Image Transmission with WifiTechnology Using Esp32 Camera and Python	Prof. Nirupama	AI and ML	2024-25	0.045	4 Months	KSCST
Smart Traffic Control Approach for Emergency Vehicle	Dr. Rashmi Patil	AI and ML	2024-25	0.045	4 Months	KSCST
Eco vision Portable Plant Recognition System	Prof. Supriya Bagewadi	AI and ML	2024-25	0.045	4 Months	KSCST
Design And Development of Smart Crop Protection System Using Lora	Mrs. Ashwini Yenegur	EEE	2022-23	0.05	4 Months	KSCST
Reliable and User-Friendly Tricycle for Physically Challenged Community	Mr. Amruta	EEE	2021-22	0.07	4 Months	KSCST
Smart Blind Stick for Physically Disabled Person Using Arduino	Mrs. Ashwini Yenegur	EEE	2021-22	0.07	4 Months	KSCST
Solar Powered Water Cleaning Boat	Mr. Amruta	EEE	2021-22	0.02	4 Months	KSCST
Heating And Cooling Suite for Military People and Location Tracking	Dr. Nagaveni K Prof. Laxmi Patil	ECE	2024-25	0.045	4 Months	KSCST
Smart Train Engine with Obstacle Detection and Railway Gate Control	Prof. ShivleelaRevoor Dr. Sangeeta Patil	ECE	2024-25	0.045	4 Months	KSCST
Women Safety Bangles with Tracking Alerts	Prof. Bhavani R Prof. Shobhana	ECE	2024-25	0.045	4 Months	KSCST
A Portable Ventilator with Autonomous Robotic Movement for Patient Care and Mobility	Prof. Vanita K Prof. Shivganga Patil	ECE	2024-25	0.06	4 Months	KSCST

IoT Based Smart Airbag Deployment System in Two Wheelers	Prof. Ratnamala. S. Patil Prof. Abhilasha A. Patil	ECE	2024-25	0.05	4 Months	KSCST
Expression Based Emotion Detection in Speech Using Python	Prof. Laxmi Patil Prof. Shohana	ECE	2023-24	0.05	4 Months	KSCST
OTP Based Bank Locker System Using Arduino with Biometric Alert	Prof. Basaveshwari Prof. Neelambika	ECE	2023-24	0.055	4 Months	KSCST
Progressive Braille Learning Kit with Interface	Prof. Laxmi Patil Prof. Shohana	ECE	2021-22	0.05	4 Months	KSCST
Air Pollution Monitoring System	Prof. Vanita K	ECE	2021-22	0.05	4 Months	KSCST
Design And Simulation of 5G Multiband Antenna with Phase Shift Operation	Prof. Laxmi Patil Prof. Shohana	ECE	2021-22	0.07	4 Months	KSCST
Smart Standup Wheelchair Using Raspberry Pi and Bluetooth	Prof. Nagaveni K Prof. Anuradha Patil	ECE	2021-22	0.07	4 Months	KSCST
Maximizing Efficiency in Residential Building Design: The Role of BIM in Visualization and Process Optimization Compared to CAD	Ms. Sakeshwari and Mrs. Preeti Arakeri	Civil Engineering	2024-25	0.045	4 Months	KSCST