

Sri Sairam Engineering College
Department of ECE
Consultancy Work
(2020-2021)

S.No	Project Title	Funding Agency	Amount	Duration	Faculty	Contribution	Status
1	Multi-functional Touch Free Hand Sanitizer Device	MIT Square Services Private Limited	Rs. 22,000/-	3 Months	Dr S. Sumathi	International Conference Publication & patent 202041043062	Completed
2	Face Protective Gears	MIT Square Services Private Limited & Raj Square Charity Foundation	Rs. 85,000/-	2 Months	Dr S. Sumathi	CSR Activity	Completed
3	AutoImpilo: Smart Automated Health Machine using IoT to Improve Telemedicine And Telehealth (Guide: Dr Sumathi Ms B Panjavarnam)	MIT Square Services Private Limited	Rs 40,000/	4 Months	Dr Sumathi Ms B Panjavarnam	Registration & Joint Publication IEEE Explore,Scopus	Completed
	An Effective Drone Surveillance System Using Thermal Imaging (Guide: Dr J Thamilselvi)			6 Months		ICSTCEE & Women in Science & Engineering (WISE)	Completed

	PowerVolt: Wireless Charging of Mobile Devices Using Renewable Power Generation System(Guide: Dr S Sumathi)			3 Months			Completed
	Design of Smart Air Purifier Facial Mask (Guide: Ms R Chithra)			2 Months			Completed
	Bitcoin Alert System using Bolt IoT Integrated with Block chain			3 Months			Completed
	Hierarchical Design and Execution of Smart Contracts in Block chain			3 Months			Completed
	Portable Smart Solar Panel for Consumer Electronics (Guide: Dr Somaprathiba)			3 Months			Completed
	Simulation Modelling of Semi-automation Transport Vehicle			3 Months			Completed
4	Opportunities of Adopting AI-Powered Robotics to Tackle COVID-19	MIT Square Services Private Limited	Rs. 6,637/-	3 Months	Dr Sumathi Ms B Panjavarnam	Registration & Joint Publication IEEE Explore (COMSNETS) 2021	Completed

5	Automatic Health Machine for COVID-19 and Other Emergencies	MIT Square Services Private Limited	Rs. 6,637/-	3 Months	Dr Sumathi Ms B Panjavarnam	Registration & Joint Publication IEEE Explore COMSNETS)	Completed
6	A Wearable Apparatus to Detect and Monitor Personal Health	MIT Square Services Private Limited	Rs 18,000/-	3 Months	Dr S. Sumathi	Filing Patent 202041027319	Completed
7	An Internet of Things (IoT) Based Airbag Apparatus	MIT Square Services Private Limited	Rs 18,000/-	3 Months	Dr S. Sumathi	Filing Patent 202041027335.	Completed
8	Internet of Things (IoT) Based Ultraviolet (UV-C) Disinfecting and Pest Controlling Device	MIT Square Services Private Limited	Rs 18,000/-	3 Months	Dr S. Sumathi	Filing Patent 202041039129	Completed
9	Method And Automated Health Machine For Providing Healthcare Services To Patients Using IoT	MIT Square Services Private Limited	Rs 18,000/-	3 Months	Dr Sumathi Ms B Panjavarnam	Filing Patent 202041047240	Completed

Total amount: Rs -2,32,274/-