

S. No	Title of the Project	Investigators	Funding Agency	Sanctioned Amount	Status
1	Modernization of Image Processing and Remote Sensing Data Analysis Centre	<u>Principal Investigator:</u> Dr. S. Vasuki <u>Co-Investigators:</u> Dr. K. Kavitha Dr. G. Veera Senthil Kumar Dr. P. Karthikeyan	AICTE	16.57 lakhs	Ongoing
2	Reduction of EMI emission in High frequency circuits of PCB configurable by optimization techniques	<u>Principal Investigator:</u> Dr. N. Suresh Kumar <u>Co-Investigators:</u> Mrs. P. Rajeswari Mrs. B. Sridevi	DRDO [ERIPR]	21.21 lakhs	Completed
3	Design and development of smart monitoring unit for kindergarten children and old age people	<u>Principal Investigator:</u> Dr. S. Vasuki <u>Co-Investigator:</u> Mr. P. Karthikeyan	DST	38.16 lakhs	Completed
4	Intelligent Automated Respiratory Monitoring and Control Unit using LabVIEW	<u>Principal Investigator:</u> Dr. S. Vasuki <u>Co-Investigator:</u> Mr. S. Sankar Kumar	AICTE – RPS	10.24 lakhs	Completed
5	Decentralized Grid computing Instruction Detection System in Wireless Sensor Networks for Military Personnel	<u>Principal Investigator:</u> Dr. S. Vasuki <u>Co-Investigator:</u> Dr. A. Babu Karuppiah	DRDO	15.4164 lakhs	Completed
6	Design and Development of Automated Object Detection and Classification Algorithm in Hyperspectral images for Battlefield Surveillance System	<u>Principal Investigator:</u> Dr. S. Vasuki <u>Co-Investigators:</u> Mr. G. Veera Senthil Kumar Mr. P. Karthikeyan	DRDO	18.862 lakhs	Completed
7	Conductive Concrete Blocks from Industrial Waste as Electromagnetic Shielding Material	<u>Principal Investigator:</u> Dr. L. Andal <u>Co-Investigator:</u> Dr. N. Suresh Kumar	DST	27.59 lakhs	Completed
8	Lowest underwater Remotely operated Vehicle for underwater inspection using paired lazer Photo grammanetry	<u>Principal Investigator:</u> Dr. S. Vasuki <u>Co-Investigators:</u> Mr. G. Pradeep Kumar Mr. P. Omprakash	Avian Aerospace, Chennai	1.5 Lakhs	Completed
9	Swarm Technology based pollution monitoring in lakes of suburban and usual areas using biometric robotic fish	<u>Principal Investigator:</u> Dr. S. Vasuki <u>Co-Investigators:</u> Mr. G. Pradeep Kumar Mr. P. Omprakash	Avian Aerospace, Chennai	1.5 Lakhs	Completed
10	Lifesaving IOT based hazardous gas monitoring and drainage block detection and removal system to prevent manual scavenging	Dr. A. Babu Karuppiah Mr. R. Raja Raja	DDP-DST	10.0 Lakhs	Ongoing
11	Performance analysis and characterization of Si/ZnO heterojunction diode as pressure sensor	Dr. P. Suveetha Dhanaselvam	TARE-SERB	15.0 Lakhs	Ongoing
12	Nadi Pariksha – Resurrection using advancement in signal processing techniques	Dr. S. Vasuki Dr. K. Kavitha	Science & Heritage Research Initiatives (SHRI), DST	31.37 Lakhs	Ongoing