

S.No	Name & Department	Title of the Project	Amount (Rs in Lakhs)	Funding Agency & Scheme	Status
1.	Dr.A.Shanmugasundaram, MECH	A Novel energy saving method for air conditioning system using phase change material in cold storage	18.00	DST,SEED	On going
2.	Dr.Shankara narayanan, Automobile	Heat Pipe Heat Radiator	10.00	DRDO	Applied
3.	Dr.P.Siva chandran, EEE	Implementation of Wind, Solar, Diesel hybrid energy system	17.20	DRDO	Applied
4.	Dr.P.Siva chandran, EEE	Design and Implementation of MPPT controller for a standalone photo voltaic system	14.50	DRDO	Applied
5.	Dr.P.Siva chandran, EEE	Matrix converter based direct torque control of induction motor using intelligent controller	14.40	DRDO	Applied
6.	Dr.T.Sasilatha ,ECE	Design of Wireless sensor nodes for Tsunami detection using VLSI scope	17.99	DRDO CVRDE	Applied
7.	Dr.T.Sasilatha ,ECE	Automated medicine Dispensing machine for war fields scope	17.99	DRDO CVRDE	Applied
8.	Dr.T.Sasilatha ,ECE	LASER based security system for military camp advanced earth quake, land slide detection using sensor and MEMS for defense	10.84	DRDO CVRDE	Applied
9.	Dr.V.R.Sampath	Pharmacological studies of medicinal plants for wound management	24.80	DRDO CVRDE	Applied
10.	Dr.T.Sasilatha ,ECE	High resolution autonomous under water vehicle for detecting missed flight and geo physical survey	15.16	DRDO CVRDE	Applied

APPLIED PROJECTS:

S.No	Name & Department	Title of the Project	Amount (Rs in Lakhs)	Funding Agency & Scheme	Status
11.	Dr.T.Sasilatha ,ECE	Secure and Energy Efficient routing for target detection and hacking in military applications using wireless sensor networks	14.00	DRDO CVRDE	Applied
12.	Dr.P.Siva chandran,EEE	Power Factor correction convertors for alternating current applications	13.05	DRDO	Applied
13.	Dr.A.Shanmuga sundaram, MECH	Solar powered cold storage	10.00	ISHRAE	Applied
14.	Dr.T.Sasilatha ,ECE	Super resolution images by automatic registration and fusion for airborne surveillance	18.34	DRDO CVRDE	Applied
15.	Dr.T.Sasilatha,ECE	Intelligent spy BOT	10.44	DRDO CVRDE	Applied
16.	Dr. D. Saravanan ,BIO TECH	Effect of biotic and abiotic factors on the growth metabolism of <i>Cephaleuros parasiticus</i> Karst, the causal organism of red rust disease in tea plants	12.70	DST, New Delhi	Applied
17	Dr. D. Saravanan, BIO TECH	Evaluation of <i>Streptomyces</i> spp. for the biological control of stem and root diseases of tea plants	13.20	DST, New Delhi	Applied
18	Dr.S.Arun,ECE	Inspire	14	DST	Applied
19	Dr.V.R.Sampath	ATAL	738	DST	Applied

FUNDED PROJECTS:

S.No	Name & Department	Title of the Project	Amount (Rs in Lakhs)	Funding Agency & Scheme	Status
1.	Dr.V.R.Sampath, Principal	Infrastructure Development	60.0	FIST	Ongoing
2	Dr.V.R.Sampath, Principal	Assistant Electrician in Construction and Training – Blood Bank	Based on batch	PMKVY	Ongoing
3	Dr.A.Shanmugasundaram, HOD, Mech	A Novel energy saving method for air conditioning system using phase change material in cold storage	18.00	DST,SEED	Ongoing
4	Dr.A.Shanmugasundaram, HOD, Mech	Mobilized Latent Thermal Storage for Heat/ Cold Energy Transportation by Utilizing Phase Change Material	55.00	MES-DST	Ongoing
5	Dr.S.Arun, AP, ECE	Inspire Programme for +2 Students	22.75	DST	Ongoing

S.No	Name & Department	Title of the Project	Amount (Rs in Lakhs)	Funding Agency & Scheme	Status
1	Dr.V.R.Sampath, Principal	Establishment of Incubation Centers	738.0	ATAL - NITI Aayog	On process
2	Dr.A.Shanmugasundaram, HOD, Mech	Conference	4.5	SERB	On process
3	Dr.A.Shanmugasundaram, HOD, Mech	Study on effect of Yoga on improvement of Cognitive skills, physical and mental well being of Engineering students	25.0	DST	On process