

SPONSORED RESEARCH

Title of the Project	Principal Investigator/ Co-investigator	Funding Agency	Sanctioned amount (Rs.)	Year of sanction & duration
Performance evaluation of water cooler cum water heater with tube in tube heat exchanger	Dr. R. Satya Meher Mr. N. Viswanatha reddy	Sree Vidyanikethan Educational trust	1,00,000	November 2018, 18 Months
Carbon capture in CI engine with blends of Methyl ester of microalgae as alternate fuel	Dr. B. Sachuthananthan	Sree Vidyanikethan Educational Trust	1,00,000	August 2019, 12 months
Investigation on minimum thickness sheets which can be achieved by Wire Electrode Discharge Machining Process	Dr. M. Babu Raj, Dr. S. Ragu Nathan	Sree Vidyanikethan Educational Trust	1,60,000	August 2019, 18 months
Study of heat transfer and fluid flow through micro channel heat sink using Nano fluids	Dr. R. Vinoth	Sree Vidyanikethan Educational Trust	1,75,000	August 2019, 18 months
A Comparative study on wire electrical discharge machine of Aerospace materials	Dr. N. Manikandan Dr. J.S. Binoj	Sree Vidyanikethan Educational Trust	1,00,000	August 2019, 12 months

Details of Proposals submitted to UGC/DST/AICTE and Other Funding Agencies

S. No.	Name of the research project	Sanctioned/ Proposed	Name of the PI and Co-investigator	Cost of the project, Rs. (lakh)	Name of the funding agency	Remarks
1	Performance evaluation of vapor compression refrigeration System with low global warming potential refrigerants	submitted June 2018	Dr. R. Satya Meher (PI), Dr. T. Hariprasad (Co-PI)	17,50,000.00	DST-SERB-CORE Research grant	CRG/2018/003188
2	Studies on combined effect of turbulence inducer pistons with injection pressure and SCR on performance, combustion, and emission characteristics of a DI diesel engine powered with Calophyllum Inophyllum biodiesel blend.	Submitted on 09-Oct-2018	Krupakaran R.L	35,23,486.00	DST-SERB-Empowerment and Equity Opportunities for Excellence in Science	EEQ/2018/000780
3	An Extensive Study On Wire Electrodes Performance For Machining Hard Metals On Wire-EDM	Submitted on 09-Oct-2018	Dr. K. C. Varaprasad	45,76,000.00	DST-SERB-Empowerment and Equity Opportunities for Excellence in Science	EEQ/2018/000716
4	Simulation, Experimental Investigation and Multi Objective Optimization of Tube hydroforming Process	Submitted on 11-Oct-2018	Dr. B.Sreenivasulu	48,75,600.00	DST-SERB-Empowerment and Equity Opportunities for Excellence in Science	EEQ/2018/001314
5	Development Of Appropriate Machining Technique And Analysis For Precipitation Hardened Stainless Steel.	10-Jun-19	Dr. N. Manikandan & Dr. J. S. Binoj	35,85,000.00	DST-SERB	CRG/2019/005690

S. No.	Name of the research project	Sanctioned/ Proposed	Name of the PI and Co-investigator	Cost of the project, Rs. (lakh)	Name of the funding agency	Remarks
6	Performance Evaluation of Vapor Compression Refrigeration System With Low Global Warming Potential Refrigerants.	9/5/2019	Dr. R. Satya Meher	7,50,000.00	SERB-TARE	TAR/2019/000017
7	Formability Studies On Ultra-Thin Sheets Manufactured By Rolling And Wire Electric Discharge Machining Processes	13-May-19	Dr.Baburaj M and Dr. N Venkaiah	7,50,000.00	SERB-TARE	TAR/2019/000134
8	Experimental Studies on Thermal Energy Storage System using Composite Phase Change materials and Nano-Based Heat Transfer Fluids with Enhanced Thermal Properties for Solar Thermal Application	14-May-019	Dr T.Hariprasad	7,50,000.00	SERB-TARE	TAR/2019/000155
9	Effect of channel cross section on the two phase flow boiling heat transfer in micro channel	10-Jun-19	Dr. Vinoth R R Dr.Satya Meher	35,55,000.00	DST-SERB	CRG/2019/005600
10	An experimental and theoretical investigations on Micro friction Stir welding (μ FSW) of ultra - thin Inconel 718 sheets	20.05.2019	Dr. S. Ragu Nathan & Dr. Adepur Kumar (Mentor)	75 ,00,000.00	SERB	TAR/2019/000446