Funded Proposal Details

Academic Year	Name of the Faculty	Title of the Proposal and Agency	Status
2015-2016	Dr.A.Ramesh Dr.R.Srinivasan	Studies on mechanical properties of friction stir and plasma arc Weldment in aluminium based hybrid MMC - **DST**	**On-going**
2016-2017	Dr.S.Sundararaj	Study on mixing of cellulose with water using venturi-jet mixer for paper manufacturing – **UGC**	Granted
	Dr.N.Natarajan Mr.C.Boopathi Mr.S.Arivazhagan	An experimental and mathematical study to strengthen the products of fused deposited modelling by fiber glass reinforcement filament - **DRDO**	Submitted
	Dr.N.Natarajan Mr.C.Boopathi	Influence of steel rod in-fil structure on physic-mechanical behaviour of Al7075	Submitted
	Dr.S.Sundararaj Mr.G.SathishSharma		Submitted
	Dr.N.Natarajan Mr.C.Boopathi	Development of bronze based metal matrix composites for self-lubrication bearing applications – **AICTE AQIS**	Regretted
	Dr.S.Sundararaj	Improving the energy efficiency of multi-cycle vapour compression system using silver nano particles.	Granted
	Dr.S.Sundararaj, Mr. R.Arunkumar, Mr.G.Sathish Sharma	Emission Control and Performance Enhancement of Variable Compression Ratio (VCR) Engine by Oxygen Enhanced Combustion (OEC) of Petroleum with Alternate Fuel Blend – **MEFCCTD**	Submitted
	Mr.C.Boopathi Mr.P.Arunkarthick	Structural stability analysis of in-fill strengthened aluminium structured composites by flexural response - **DST YST**	Submitted
2017-2018	Dr.S.Sundararaj Mr.S.Pradeep	CFD in processing industry - **AICTE AQIS**	Granted
	Dr.S.Sundararaj	Hybrid solar and wind system - **IITM**	Granted
	Mr.T.Pridhar Mr.B.Sureshbabu	Use of lightweight materials in defence applications- **ICMR**	Granted
	Mr.T.Pridhar Mr.N.Aravindkumar	Bio printing for medical implants using CT scan and MIMICS- **ICMR**	Granted
	Dr.A.Ramesh Dr.R.Srinivasan Mr.B.Surshbabu	Custamized design and manufacturing of implants and prostheses using MIMICS-3D printing technology - **ICMR**	Granted
	Dr.A.Ramesh	Atal incubation centre	Submitted

	Dr.N.Natarajan Dr.S.Sundararaj Mr.T.Pridhar		
	Dr.N.Natarajan Mr.C.Boopathi Mr.S.Dhayaneethi	Development of graphite reinforced magnesium matrix composites for self-lubricating bearing applications - **SERB**	Regretted
	Dr.N.Natarajan Mr.C.Boopathi Mr.S.Dhayaneethi	Improvement of fracture toughness in high chromium cast iron by addition of titanium Ti and Mo - **SERB**	Regretted
	Dr.S.Sundararaj	Application of composite nanoparticles in cascade refrigeration system - **SERB**	Submitted
	Mr.T.Pridhar	Innovative project under Akruti 2017 on green engine	Submitted
	Dr.N.Natarajan Mr.C.Boopathi Mr.P.Arun Karthick	Steel bar reinforced composites for off-shore applications	Submitted

Total number of sponsored project submitted (2015-2016) = **01**

Total number of sponsored project submitted (2016-2017) = **06**

Total number of sponsored project submitted (2017-2018) = **11**