

Department of Mechanical Engineering

Funded Projects Details (Internal / External)
 After SAR

S.No	Title of the Project	Principal Investigator	Type In-House/ External	Funding Organization	Funding Amount (In Rs)	Duration of the Project	Status (Completed /ongoing)
1	Synthesis & Surface modification of Ti-TiB composite for wear resistant applications	M.Selvakumar	External	AICTE, New Delhi (Research Promotion Scheme)	5.65 Lakhs	2007 - 2009	Completed
2	Implementation of IIPC Project	Dr S Vijayarangan	External	AICTE, NewDelhi	8.0 Lakhs	2009-2010	Completed
3	Improved Coconut Post harvest Technologies for Empowering the women of Pollachi Region	Dr.V.V.Sreenarayanan S.Ayyappan	External	Science and Society Division, Department of Science and Technology, New Delhi.	10 Lakhs	2009-2011	Completed
4	Development of Vacuum Frying Technology for the production of chips from selected fruits and vegetables.	Dr.V.V.Sreenarayanan S.Ayyappan	External	Tamilnadu State Council for Science and Technology (TNSCST), Chennai.	1.54 Lakhs	2009 - 2011	Completed
5	Skill Enhancement in Analysis and Simulation Software	Dr.I.Rajendran	External	AICTE, New Delhi (Scheme of Seminar)	0.75 Lakhs	2011-2012	Completed
6	Modernization of Dynamic and Measurements Lab	Dr.I.Rajendran	External	AICTE, New Delhi (MODROBS)	11 Lakhs	2011-2012	Completed
7	Popularization of solar tunnel dryers for copra production in Pollachi region	Dr.V.V.Sreenarayanan S.Ayyappan	External	SEED Division, Department of Science and Technology, New Delhi	36.19 Lakhs	2011-2013	Completed
8	Entrepreneur Development cell	Dr V V .Sreenarayanan	External	AICTE, New Delhi	6.0 Lakhs	2011-2014	Completed

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9	10-days ISTE Main workshop on “Engineering Thermodynamics”	Dr.D.Senthil Kumar	External	National Mission on Education through ICT (MHRD, Govt. of india)	0.64635 Lakhs	2012-2013	Completed
10	Two weeks ISTE Main workshop on “Engineering Mechanics”	M.Selvakumar	External	National Mission on Education through ICT (MHRD, Govt. of india)	1.2891 Lakhs	2013-2014	Completed
11	Investigation on Machining of Metals under near dry machining cutting condition.	Dr.I.Rajendran N.Shanmugasundaram	External	AICTE, New Delhi (Research Promotion Scheme)	2 Lakhs	2013-2015	Completed
12	Modernization of Strength of Materials and Metallurgy Laboratory	Dr.I.Rajendran	External	AICTE (MODROBS)	6 Lakhs	2013-2014	Completed
13	Two weeks ISTE Main workshop on “Fluid Mechanics”	S.Ayyappan	External	National Mission on Education through ICT (MHRD, Govt. of india)	1.65398 Lakhs	2014-2015	Completed
14	AICTE Sponsored Faculty Development Programme on “Processing and Characterization of Composite Materials ”	Dr.I.Rajendran	External	AICTE_Faculty Development Programme (FDP)	3.29 Lakhs	2014-2015 (6 Months)	Completed
15	Rural Women Technology Park in Pollachi	Dr.V.V.Sreenarayanan Dr. S.Ayyappan	External	SEED Division, Department of Science and Technology, New Delhi	38.42 Lakhs	2015-2018	Completed
16	Effect of Cryogenic Treatment on The Hardness, Dimensional	Dr.Rama Thirumurugan Mr.T.Vignesh Kumar	External	The Institution of Engineers (India)	0.5 Lakhs +0.40 MCET	2017-18 1 Year	Completed

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	Stability and Wear Resistance of 440C Gear Steel						
17	Two Days National Seminar on Vibration & Noise Engineering	Dr.I.Rajendran Dr.Rama Thirumurugan	External	AICTE – Seminar Grant	1Lakh	2017-18 (6 Months)	Completed
18	Behavioral skills for Holistic Development	Dr.I.Rajendran Mr.A.Srinivasan	External	AICTE – Faculty Development Programme (FDP)	5.62770 Lakhs	2017-18 (6Months)	Completed
19	Evaluate the adoption of green manufacturing and 6S principle in motor and pump industries of Coimbatore through a system model “Green-6S”	Dr.I. Rajendran Dr. Rama. Thirumurugan Dr. R. Gnanaguru	External	Entrepreneurship Development and Innovation Institute.	5.0 Lakhs	July 2018- June 19	On-Going
20.	Glass Fiber reinforced polymer Composite s for ABT container.	Mr.N.Shanmuga sundaram, Mr.K.Vijayakannan	Internal	Internal	1.04608Lakhs	2017-18	Completed
21.	Coconut husk pre crushing machine	Dr.I. Rajendran Dr. Rama. Thirumurugan	External	Entrepreneurship Development and Innovation Institute.	2. 82000 Lakhs	2020-2021	Progress
22.	3D Printing and Design	Dr.I.Rajendran Dr. Rama. Thirumurugan Dr.K.Hariharan	External	AICTE- ATAL FDP	93000	06-07-2021 to 10-07-2021	Completed
Total					148.96 Lakhs		