



# St. JOSEPH'S COLLEGE OF ENGINEERING

OMR, CHENNAI - 119

Department of Mechanical Engineering

## FUNDED PROJECTS

S.NO	NAME OF THE PROJECT	SCHEME	INVESTIGATORS	AMOUNT
1.	Modernization of SM Lab with latest equipment	AICTE, New Delhi	Dr.N. Arunkumar Dr.V.Seshagiri Rao	10 Lakhs
2.	Modernization of IC Lab with latest equipment	AICTE, New Delhi	Dr.S.Arivazhalagan Dr.V.Seshagiri Rao	11.02 Lakhs
3.	Electronic waste Management :A case study on cell phones	TN State Council for Science and Technology	Dr.Arun Vasantha Geethan	0.06 Lakhs
4.	Test Facility created to investigate drilling of GFRP Composites.	NRB, Ministry of Defence	Dr. S. Satish Kumar Dr. Jolly Abraham	12.66 Lakhs
5.	Friction welding of dissimilar metals	NRB, Ministry of Defence	Dr. D. Ananthapadmanaban Dr. Vaddi Seshagiri Rao	11.79 Lakhs
6.	Investigation on Deep Hole drilling of AISI 1045 Steel and Analysis of Tool Wear under Varying Aspect Ratios with Different Cutting Fluids through Research Promotion Scheme(RPS) from AICTE.	AICTE	Dr. N. Arunkumar	14,11,765/-

7	Fabrication and analysis of mechanical behavior of polymer matrix hybrid composite reinforced with carbon fibre and SMA sheet	Tamilnadu State Council for Science and Technology	Dr.K.M.Kumar	7,500/-
<b>Funds Received towards Seminar &amp; other Programs from 2019</b>				
1	Seminar on <b>“Role of Smart Materials in Aerospace and Engineering Applications”</b>	DST-SERB	Dr.K.M.Kumar	1,00,000/-
2	Seminar On <b>“Efficiency Enhancement Through Green Innovation In Manufacturing”</b>	DST-SERB	Dr.N.Arunkumar	1,00,000/-
3	STTP on <b>“Smart Manufacturing- opportunities and Challenges”</b>	AICTE	Dr.N.Arunkumar	2,79,000/-

4	<b>FDP on “Environment friendly Refrigerants &amp; cycles for Refrigeration and Air Conditioning Applications”</b>	AICTE Training and Learning(ATAL)	Dr.S.Arivazhagan	93,000/-
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