



We Make You Shine
St. JOSEPH'S INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)
St. JOSEPH'S GROUP OF INSTITUTIONS
OMR, CHENNAI - 119



Department of Mechanical Engineering

FUNDED PROJECTS APPLIED

Academic Year 2024-25

Funded Project applied:

S. No	Funding Agency & Scheme	Application No	Date	PI Details	Title of the Project	Total Grant Applied
1.	TNSCST-Science & Technology Project	-	21.11.2024	Dr. Immanuel Durai Raj J [PI] Dr. Chrispin Das M [CO-PI]	Experimental Investigation on the Integration of E-Waste as Filler in Natural Fiber Reinforced Composites	5,00,000
2.	TNSCST Dissemination of Innovative Technology SCHEME	-	21.10.2024	Dr. N. Thangapandian Dr. D. Elil Raja	FutureForge: Empowering Unemployed youth in Manufacturing & 3D Printing	50,000
3.	ANRF-IRG	ANRF/ IRG/ 2024/ 000255/ ENS	20.12.2024	Dr. N. Thangapandian	Design & development of 3d-printed human prosthetics using polymer nanocomposite filaments	27,14,600
4.	DST	TPN / 116634	21.09.2024	Dr.D.Arthur Jebastine Sunderraj	Novel Lead-free Solder Alloy for Electronic Applications	40,10,025
5.	DST	TPN/117419	01.10.2024	Dr. D. Elil Raja [PI] Mr. S. Prathap Singh[Co-PI]	Development and characterization of TiZrHfNbTa High Entropy alloy for advanced structural and energy applications	49,95,000
6.	DST	TPN/119863	03.10.2024	Dr. N. Thangapandian [PI] Dr. S. Arivazhagan [Co-PI]	Development of recycled polymer nanocomposite filaments for 3D printing of human prosthetics and its characterisation	29,64,000
7.	DST	TPN / 118501	28.09.2024	Dr. Immanuel Durai Raj J [PI] Dr. Chrispin Das M [CO-PI]	Development and Recycling of E-Waste Nano Fillers in Natural Fiber Composites for Automotive Component Fabrication	1,00,15,000
8.	SERB	SSY/2024/001954	20-11-2024	Dr. N. Thangapandian Dr. D. Elil Raja	International Conference on Recent Trends in Materials Science and Mechanical Engineering (ICRMSME 2025)	90,000
9.	CSIR-HRDG		23-11-2024	Dr. N. Thangapandian Dr. D. Elil Raja	International Conference on Recent Trends in Materials Science and Mechanical Engineering (ICRMSME 2025)	50,000
10.	TNSCST		23-11-2024	Dr. N. Thangapandian Dr. D. Elil Raja	International Conference on Recent Trends in Materials Science and Mechanical Engineering (ICRMSME 2025)	30,000