

FUNDED PROJECTS/FDP/STTP/SEMINAR/WORSHOP DONE BY FACULTY

Sl no	Faculty	Role	Title	Funding Agency	Year	Amount (Rs)
1.	Dr. M.S.Senthil Saravanan	PI	Processing and Thermal Analysis of carbon-based thermal interface material(TIM) for Electronics Application	AICTE-RPS	2022	14,00,000
2.	Dr. Trijo Tharayil	Co PI	Processing and Thermal Analysis of carbon-based thermal interface material(TIM) for Electronics Application	AICTE-RPS	2022	14,00,000
3.	Dr. Trijo Tharayil	PI	Thermal management of concrete roof using nanoparticle coated heat pipes and pulsating heat pipes	AICTE-RPS	2022	11,00,000
4.	Dr. Trijo Tharayil	PI	Thermal management of batteries in electric vehicles using pulsating heat pipe	KTU-CERD	2022	45,000
5.	Dr. J. B. Sajin	Coordinator	Augmented Reality & Virtual Reality in Mechanical Engineering	AICTE-ATAL	2021	93,000
6.	Dr. J. B. Sajin Dr. Saji Varghese	Coordinator Co-coordinator	Recent Development of Biopolymer and Sustainable Composites for Engineering Applications	KTU-FDP	2021	65,000
7.	Dr. J. B. Sajin	PI	Biodegradable palm sheath fiber reinforced PLA composite for industrial applications	KSCSTE	2021	10,000
8.	Mr. Kalesh K. K	PI	Development of Modular micro farm coupled with an efficient bio gas digester	KSCSTE	2021	10,000
9.	Dr. Trijo Tharayil	PI	Concrete roof cooling using pulsating heat pipe	KSCSTE	2021	10,000
10.	Dr. M S Senthil Saravanan	PI	Processing and thermal analysis of Carbon-Nano-tube based Aluminum Metal Matrix composite for heat transfer applications.	KSCSTE	2021	10,000
11.	Mr. Vaisakh P S	PI	Design and fabrication of automatic virus disinfection unit	KSCSTE	2021	10,000

12.	Dr. J. B. Sajin	Coordinator	Smart Materials, Automation and its Future Impact on Humans	AICTE-STTP	2020	3,00,000
13.	Dr. M S Senthil Saravanan	Coordinator	Artificial Intelligence (AI and ML for Mechanical Engineers	AICTE-ATAL	2020	93,000
14.	Dr. Trijo Tharayil	PI	Concrete roof cooling using nanoparticle coated heat pipes for sustainability	KTU-CERD	2019`	2,00,000
15.	Dr. Trijo Tharayil	PI	Thermal performance analysis of heat pipe with nanoparticle coated wick for concrete roof cooling	KSCSTE	2019	10,000
16.	Dr. Trijo Tharayil	PI	Concrete roof cooling using capillary driven heat pipes for sustainability	KSCSTE	2019	10,000
17.	Dr.M S Senthil Saravanan	Coordinator	Advanced Materials Processing Technologies	KTU-FDP	2019	2,00,000