

KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES

RESEARCH PROJECT PROPOSALS SANCTIONED (APRIL 2018 - MARCH 2019)

Sl. No.	Name of the Faculty / PI	Co PI	Department	Title of the Project	Applied on	Sanctioned on	Funding Agency	Amount sanctioned in Lakhs	Duration
1	Dr. Sakunthala Ayyasamy, Asst. Professor		Physics	Pulsed laser deposition grown thin/thick film of LiV308 nanorods for lithium metal battery applications	31.07.2017	16.07.2018	SERB	44.35	3 Years
		Dr.S.Rajesh, Professor	Nanosceinces						
2	Dr. I.V. Muthu Vijayan Enoch, Associate Professor – Chemistry		Chemistry	Porphyrin Tethered Beta-Cyclodextrin Loaded with Guanidinobenzimidazoles as G-Quadruplex DNA binders	06.03.2017	11.07.2018	DAE	22.63	3 Years
		Dr.N.Ananthi, Asst. Professor	Chemistry						
3	Dr. A. Samson Nesaraj, Professor		Chemistry	Development of Nanocrystalline materials for solid oxide fuel cells working at 600 degree C	01.03.2017	06.02.2019	CPRI	27.46	1.5 Years
		Dr. A. Immanuel Selvakumar, Professor & Head	EEE						
4	Dr. S. Murugan, Associate Professor, Biotechnology		Biotech	Investigating on Antibacterial Effect of Bismuth Vanadate on Multi-Drug Resistant Staphylococcus aureus Infection	30.07.2017	30.11.2018	SERB	26.31	3 Years
		Dr. B. Vidhya, Asst. Professor	Nanosciences						
5	Dr. E. Grace Mary Kanaga, Associate Professor	Dr. Kumudha Raimond	CSE	Design and Development of an Adaptive Brain Computer Interface (BCI) based Assistive Tool for Paralytic people	30.03.2017	07.01.2019	DST	17.71	3 Years
		Dr. J. Anitha, Asst. Professor	CSE						
		Dr.S.Thomas George, Associate Professor	ECE						
6	Dr. D. Nirmal, Associate Professor, ECE	No Co-PI from KITS	ECE	Design and Fabrication of Cascode Driver Circuit using GaN HEMT on Si for space applications	28.07.2017	15.02.2019	ISRO	30.44	3 Years
7	Energy Management Centre, Trivandrum	Dr. Prawin Angel Michael	EEE	Micro Hydel Generation at the tailrace of Kakkad HEP with Hydrokinetic turbines	28.03.2018	15.05.2019	Energy Management Centre	76.9	1 Year
								245.8	