

KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES

RESEARCH PROJECT PROPOSALS SANCTIONED (APRIL 2016 - MARCH 2017)

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. B. Jebasingh Assistant Professor		Chemistry	Development of DOTA - Monoamide Based Smart Probes for Theragnostic Imaging Applications		06.03.2017	DST-DPRP	98.95	3 Years
		Dr. Sundar Manoharan, Professor, Nano	Nanosciences						
2	Dr. V.Vijaikanth Asst. Professor & CBCS Co-ordinator (PG)	--	Chemistry	Vitamin B12 Model (Complexes: Coboloximes with substituted aromatic dioximes: Synthesis, Structure-Property Relationship studies and their applications in Electrocatalytic Hydrogen Generation.		29.03.2017	SERB - EMR	64.63	3 Years
3	Dr. P. Jegathambal Professor	--	Water Institute	Nano bio remediation of Textile Industrial Effluent in Tirupur District.		09.09.2016	Ministry of Environment, Forest and Climate Change -	42.17	3 Years
4	Dr. V. Madhu, Assistant Professor	--	Chemistry	Extending TT-Conjugation of Metal Bis-dithiolene with Organic Backbones: NIR Absorbing Hybrid Materials for Optoelectronic Applications.		09.06.2017	SERB - EMR	38.28	3 Years
5	Dr. P. Jegathambal Professor	Dr. MSP Subathra, Associate Professor (Co-PI)	Chemistry	A novel TiO ₂ coated Aluminium Electrode (TiO ₂ /A1) for textile dyeing wastewater using real time controlled multichannel electrocoagulation process"		11.05.2017	DST	37.09	3 Years
	Water Institute								
	EEE								
6	Dr. Nandhakumar Raju Associate Professor	--	Chemistry	Rational Design and Synthesis of Heterocycles Based Modular Fluorescent Chemosensors for Cations/Anions		04.02.2017	Science and Engineering Research Board (SERB) - EMR	34.2	3 Years
7	Dr. Berlin Grace V.M. Professor, Biotech	--	Biotechnology	Bioavailability Enhancement of Retinoid Drug by Nanoformulation with Cationic Liposome for Improved Therapeutic Effect on Lung Cancer		02.09.2016	Ministry of Sc. & Tech Dept of Biotechnology	30.86	2 Years
8	Dr. D. Nirmal Associate Professor	Mr.A.S.Augustine Fletcher Asst. Professor Co-Investigator	ECE	A Compact modelling of GaN based HEMT device for high power microwave application		24.01.2017	Directorate of Extramural Research & Intellectual Property Rights	21.98	2 Years
9	Dr. B. Jebasingh Assistant Professor	--	Chemistry	Development of Covalent Intercalation of grapheme Oxide with Polyamine tagged Fluorescent probes for energy Harvesting Applications		01.02.2017	UGC DAE Consortium for Scientific Research Kalpakkam	2.46	1 Year
10	Dr. M. Haris, Associate Professor	--	Physics	Research Training Fellowship for Developing Country Scientist (RTF-DCS)		24.01.2013	DST-RTF-DCS 2014	5.4	6 Months
11	Dr. D. Nirmal Associate Professor	--	ECE	Visvesvaraya PhD scheme for electronics and IT		03.10.2016	Media Lab Asia	25.03	5 Years
							TOTAL	401.05	