

KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES

RESEARCH PROJECT PROPOSALS SANCTIONED (APRIL 2013 - MARCH 2014)

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. Jibu Thomas		Biotechnology	Gene Targeting of microbial isolates to demonstrate potential Plant Growth Promoting (PGP)traits by third generation sequencing		23.07.2013	Ministry of Science and Technology, Govt. of India, 2014	27.60	3 Years
2	Dr. Sowmya B.Lokappa		Bioinformatics	"Investigating the Role of Cavin Proteins in Caveolae Biogenesis" a part of Ramalingaswami Re-entry fellowship		20.06.2014	Dept. of Biotech., Ministry of Science and Technology 2014	87.96	5 Years
3	Dr. B. Jebasingh		Chemistry	'Synthesis, characterization and relaxivity validations of enzyme mediated, self-assembly, smart MRI probes for molecular imaging applications'		02.06.2014	DST, SERB, New Delhi, 2014	25.00	3 Years
4	Dr. L. Emmanuel		Chemistry	'Synthesis of highly substituted heterocycles via cyclization of novel metal carbonoids and investigation of their biological importance'		16.06.2014	DST, SERB, New Delhi, 2014	26.00	3 Years
5	Dr. B. Jebasingh		Chemistry	"Synthesis, Characterization, and Fluorescence Studies of High Stable Complexes for Molecular Imaging (PET) Applications"		27.03.2014	UGC Research Award , 2014	20.34	2 Years
6	Dr. P. Mosae, Selvakumar		Chemistry	Design, synthesis and characterization of novel metallo-supramolecularhelicates and their application in molecular recognition'		14.10.2013	DST-SERB, 2013	24.56	3 Years
7	Dr. N. Ananthi		Chemistry	Synthesis of novel chiral metalloporphyrins and their application in catalytic asymmetric epoxidation reactions'		21.10.2013	DST-SERB, 2013	22.38	3 Years
8	Dr. Thokala Soloman Raju		Physics	Dynamics of self-similar waves in asymmetric twin-core fibers'		01.11.2013	DST-SERB, 2013	12.48	3 Years
9	Dr. R. Elijah Blessing		CSE	Effective Patient Friendly IT enabled Tool for Selection of Desired Health Care Services		26.11.2013	ICMR 2013	14.88	3 Years
10	Dr. Sachidanand Singh		Bioinformatics	'A novel approach for the identification of key regulatory molecules and their pathways for rheumatoid arthritis'		03.07.2013	DST – Young Scientist Scheme 2013	20.43	3 Years
11	Mrs. K. L. Priya		Civil	'Studies on the seasonal variation of heavy metal distribution in a shallow estuary, Muthupet, TamilNadu '		31.07.2013	KSCSTE 2013	1.00	2 Years
12	Dr. V. Madhu		Chemistry	Investigation of new bimetallic catalysts for O2 and CO2 activation with enhancing catalytic properties Green Chemistry Approach		22.08.2013	SERB, New Delhi 2013	25.30	3 Years
13	Dr. Berlin Grace		Biotechnology	A molecular Study on the effect of targeted drug (All trans retinoic acid) delivery with liposome on the expression level of RAR-Beta in benzo (a) pyrene iduced experimental lung cancer		15.05.2014	DST-SERB, New Delhi 2014	23.70	3 Years
14	Dr. R. K. Sharma		Aerospace	Re-entry Time Prediction of Space Objects from High Eccentricity Orbits		23.04.2014	DST-SERB 2014	11.82	3 Years
15	Dr. Jibu Thomas		Biotechnology	'Phycoremediation a green technology initiative for effluents and there by production of high calorific biomass for biorefinery from microalgae using cost effective medium'		03.07.2013	DST – Young Scientist Scheme 2013	18.80	3 Years
16	Dr. S. Kalidass Assoc. Professor	Dr. S. Murugan Asst. Professor	Biotechnology	'Optimization of Membrane Immobilized Nanoparticles for Textile Dye Colour Removal (RGYI)'		25.06.2014	Department of Biotechnology, 2014	16.45	3 Years

17	Dr. J. Clement Sudhakar		KUBS	Designing interactive communication modules for promoting products of tiny and small scale industries in the context of Coimbatore district - Tamilnadu'		02.09.2013	ICSSR, 2012	7.72	
18	Dr. Haris		Physics	Research Training Fellowship for Developing Country Scientist (RTF-DCS)		24.01.2013	DST-RTF-DCS 2014	2.70	
							TOTAL	389.12	