

Back to Lab Projects : 2014-15

1. Projects continued from previous year	-	15
2. Newly sanctioned Projects	-	4
3. Total - ongoing	-	19
4. Completed during the year	-	1

1. Projects continued from previous year

Sl. No	Name/ Research Center	Title of the Project	Broad Subject area	Project Duration	Scientist Mentor	Project cost (Rs.)/ Status
1.	Smt. Preeta Liz Korah Kerala Agriculture University, Rice Research Station, Ernakulam	Mericloning of Phalaenopsis and Vanda Hybrids	Agriculture/Veterinary Genetics & Plant Breeding	02/02/2012 to 01/02/2015	Dr. Shylaraj. K. S. Professor Rice Research Station, Vyttila, Ernakulam	14,43,919 Completed
2	Smt. Jesitha K. A Water Quality Division, CWRDM, Kozhikode	Study on the Persistence of Endosulphan and its Degradation by Biotic and Abiotic Factors	Applied Science/ Environmental Chemistry	24/12/2012 to 25/02/2016	Dr. P. S. Harikumar Scientist E2 & Head Water Quality Division CWRDM, Kozhikode	13,74,910 Ongoing
3	Dr. Thulasi G. Pillai Forest Ecology & Biodiversity Conservation Division, KFRI, Thrissur	Isolation and Characterization of Fungal Endophytes from Certain Medicinal Plants and RET species in Western ghats and their Therapeutic Potentials	Applied Science/ Fungal Endophytes	30/10/2012 to 29/01/2016	Dr. R. Jayaraj Scientist B Forest Ecology & Biodiversity Conservation Division Kerala Forest Research Institute, Peechi Post, Thrissur	14,42,000 Ongoing
4	Dr. Sreeja Purushothaman SCTIMST, Trivandrum	Mitochondria Specific antioxidant: Target for the reversal of metabolic remodeling and Prevention of Cardiac Hypertrophy	Medical Science/ Cardiac Biology	18/12/2012 to 15/12/2016	Dr. R. Renuka Nair Scientist G Division of Cellular & Molecular Cardiology SCTIMST, Trivandrum	14,00,000 Ongoing
5	Smt. Hima V.M. Dept. of Plant Pathology Kerala Agricultural University, Vellanikkara, Thrissur	Enhancing bioefficacy of trichoderma spp. for the management of soil borne fungal pathogens	Agriculture/ Plant Pathology & Mycology	10/05/2013 to 09/05/2016	Dr. S. Beena Professor Dept. of Plant Pathology Kerala Agricultural University, Vellanikkara, Thrissur	14,56,000 Ongoing
6	Dr. Sandhya V. Sathesh Dept. of Chemistry, University of Kerala, Thiruvananthapuram	Synthesis of diphenolic bis-2aminothiazoles as novel antioxidants	Basic/Applied Science/ Organic Chemistry	16/04/2013 to 15/04/2016	Dr. T.S. Anirudhan Professor & Head Dept. of Chemistry, University of Kerala, Trivandrum	14,16,000 Ongoing
7	Smt. Sreebha A.B. Dept. of Physics, University of Kerala, Thiruvananthapuram	Development of Holographic Lens to use in conjunction with solar cells	Basic/Applied Science/ Photonics	25/04/2013 to 24/04/2016	Dr. V.P Mahadevan Pillai Professor & Head Dept. of Optoelectronics, University of Kerala, Trivandrum	15,00,000 Ongoing
8	Ms. Priji Prakasan Dept. of Botany, University of Calicut Malappuram	Production and characterization of industrially significant biomolecules from Candida tropicalis	Basic/Applied Science/ Industrial Biotechnology	01/04/2013 to 31/03/2016	Dr. Sailas Benjamin Professor Biotechnology Division Department of Botany, University of Calicut	15,97,000 Ongoing

9	Smt. Nimmy John V. National Institute of Technology, Calicut	Flexible Nanomaterial Doped Polymer Dispersed Liquid Crystal (PDLC) Devices for Switchable Window Applications	Applied Science/ Nanotechnology & Liquid Crystal display	01/10/2013 to 31/03/2017	Dr. N. Sandhyarani Associate Professor School of Nano Science and Technology, NIT Calicut	15,96,000 Ongoing
10	Smt. Jaya T P Dept. of Physics, Calicut University	Studies on multicomponent transparent conducting oxide thin films for device applications	Basic/Applied Science/ Material Science	12/12/2013 to 11/12/2016	Dr. P.P Pradyumnan Associate Professor Department of Physics, University of Calicut	15,96,000 Ongoing
11	Smt. Sreeja R Dept. of Environmental Science, Matma Gandhi University, Kottayam	Evolution of Karamana River Basin and its Implications on Hydrogeology: A Geomatics approach using Morphometric Analysis	Basic/Applied Science/ Geology	23/12/2013 to 22/12/2016	Dr. Mahesh Mohan Assistant Professor School of Environmental Sciences, M G University, Kottayam	15,96,000 Ongoing
12	Dr. Manju Mary Joseph Dept. of Marine Science, CUSAT	Assessment of Biodiesel Application Potential of Microalgae collected from the Backwaters of Kerala	Basic/Applied Science/ Environmental Chemistry	26/10/2013 to 25/10/2016	Dr. S. Muraleedharan Nair Department of Chemical Oceanography, School of Marine Sciences, CUSAT	13,96,000 Ongoing
13	Smt. Neethi Raj P Dept. of Biotechnology, Matma Gandhi University, Kottayam	Immunomodulatory effect of beta glucan on neutrophil functions in Diabetes mellitus- An in vitro study	Basic/Applied Science/ Biochemistry	15/03/2014 to 14/09/2017	Dr. Anie Y. Assistant Professor School of Biosciences, M G University, Kottayam	13,00,000 Ongoing
14	Smt. Divya Balakrishnan JNTBGRI Thiruvananthapuram	Molecular analysis of the αamylase production in Streptomyces griseus (MTCC 3756) and development of a low cost maltose processing technology	Basic/Applied Science/ Microbial Biotechnology	03/03/2014 to 02/03/2017	Dr. Shiburaj S. Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Palode, Trivandrum	15,96,000 Ongoing
15	Smt. Rajani Jacob Union Christian College, Aluva	Fabrication and characterization of hetero junction solar cells: FTO/ n-silver indium gallium selenide / p- silver indium selenide / metal (In or Al)	Basic/Applied Science/ Material Science	07/03/2014 to 06/03/2017	Dr. Rachel Reena Philip Assistant Professor Dept. of Physics, Union Christian College, Aluva	16,00,000 Ongoing

2. Newly sanctioned Projects

Sl. No	Name/ Research Center	Title of the Project	Broad Subject area	Project Duration	Scientist Mentor	Project cost (Rs.)/ Status
1.	Smt. Aswathy I.S Dept. of Biochemistry, University of Kerala, Trivandrum	Scientific Validation of Kashayams used in Rheumatoid Arthritis (RA)	Basic/Applied Science/ Biochemistry	02/03/2015 to 01/03/2018	Dr. A. Helen Associate Professor Department of Biochemistry, University of Kerala, Trivandrum	26,00,000
2.	Smt. Dhanya Balan A.P. Dept. of Chemistry, Government College, Kasaragod	Investigations on the development of solid acid catalyst from natural palygorskite collected from different parts of	Basic Science/ Chemistry, Catalytic Study	09/02/2015 to 08/02/2018	Dr. Pushpaletha P. Assistant Professor Department of Chemistry, Government College,	29,82,000

		India			Kasaragod	
3.	Smt. Prasannakumari K. Dept. of Physics, Mar Athanasius College, Kothamangalam	Microstructural Investigations in Gas Sensing of Doped Tin Oxide Thin Films	Physical Science/ Thin film Technology	09/02/2015 to 08/02/2018	Dr. Deepa S. Department of Physics, Mar Athanasius College, Kothamangalam	12,35,000
4	Smt. Krishna R. Prasad National Centre for Earth Science Studies, Akkulam, Trivandrum	Wetland studies of Akathumuri AnchuthenguK adinankulam estuarine system, south west coast of India	Basic/Applied Science/ Geology	04/03/2015 to 03/03/2018	Dr. Reji Srinivas Scientist B Division of Marine Science National Centre for Earth Science Studies, Akkulam, Trivandrum	23,10,000