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1. Projects continued from previous year - 25

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| Sl. No | Name/ Research Center | Title of the Project | Broad Subject area | Project Duration | Scientist Mentor | Project cost (Rs.)/ Status |
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| 1. | 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 |
| 2. | 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 |
| 3. | 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 India | Basic Science/ Chemistry, Catalytic Study | 09/02/2015 to 08/02/2018 | Dr. Pushpalettha P. Assistant Professor Department of Chemistry, Government College, Kasaragod | 29,82,000 |
| 4. | 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 |
| 5. | Smt. Krishna R. Prasad National Centre for Earth Science Studies, Akkulam, Trivandrum | Wetland studies of Akathumuri Anchuthengu Kadinankulam 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 |
| 6. | Smt. Shiny R. ICAR-CTCRI, Sreekariyam, TVM | "Climate smart natural resource management of Cassava (Manihot esculenta Crantz) using geo-informatics tools" | Applied Science/ Environmental Science | 04.09.2015 to 03.09.2018 | Dr. G. Byju Principal Scientist Crop Production Division, ICAR-CTCRI Sreekariyam, Thiruvananthapuram | 19,85,000 |
| 7. | Smt. Lekshmi K. Edison Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Palode, Trivandrum | Production and characterization of β -glucanase from Streptomyces sp. | Basic/Applied Science/ Microbial Biotechnology | 01.12.2015 to 30.11.2018 | Dr. N. S. Pradeep Senior Scientist & Head Division of Microbiology Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Palode, Trivandrum | 16,60,000 |

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| 8. | Smt. Sheetal Sivankutty School of Biosciences, M.G. University, Kottayam | Identification, isolation and characterization of Acyl Homoserine Lactone-mimic compounds from selected plants | Basic/Applied Science/ Plant Biotechnology | 01.01.2016 to 31.12.2018 | Dr. Jayachandran K. Associate Professor School of Biosciences, M.G. University, Kottayam | 10,72,400 |
| 9. | Smt. Shahina N.K. Department of Botany, St. Albert's College, Ernakulam | Nutritional and Biochemical Studies of Wild Edible Mushrooms used by Tribes of Palghat and Wayanad Districts of Kerala | Basic/Applied Science/ Applied Botany | 11.12.2015 to 10.12.2018 | Dr. K. Madhusudhanan Assistant Professor Department of Botany, St. Albert's College, Ernakulam | 14,80,000 |
| 10. | Smt. Priya Bhaskaran K.P. Department of Zoology, University of Calicut, Malappuram | Molecular Barcoding and Phylogenetic assessment of selected insect pests (Lepidoptera and Hemiptera) of major cucurbits cultivated in Malappuram District, Kerala | Basic/Applied Science/ Molecular taxonomy | 10.12.2015 to 09.12.2018 | Dr. Sebastian C. D. Assistant Professor Department of Zoology, University of Calicut, Malappuram | 14,65,000 |
| 11. | Dr. Resmi J. Dept. of Plant Breeding Onattukara Regional Agricultural Research Station, Kayamkulam, Alappuzha | Empowerment of rural women for cultivation and conservation of rare and endangered medicinal plants through agro-biotechnological interventions | Agriculture / Allied Science/ Agro Biotechnology | 17.03.2016 to 16.03.2019 | Dr. M.R.Bindu Associate Professor Dept. of Plant Breeding Onattukara Regional Agricultural Research Station, Kayamkulam, Alappuzha | 23,68,000 |
| 12. | Smt. Saritha. C School of Chemical Science Payannur Campus, Kannur University | "Synthesis and characterization of carbazole based hole-transporting materials for application in photovoltaic cells" | Chemical Science/ Organic Chemistry | 01.02.2017 to 31.01.2020 | Dr. K.R. Haridas Professor School of Chemical Science, Kannur University | 17,33,000 |
| 13. | Smt. Indu Susan Raj Dept. of Civil Engineering, M.A. College of Engineering, Kothamangalam | "Study on the suitability, effectiveness and properties of various types of light weight concrete incorporating locally available materials for economical and sustainable masonry blocks", | Engineering/ Civil Engineering | 17.01.2017 to 16.01.2020 | Dr. Elson John Professor Dept. of Civil Engineering M.A College, Kothamangalam | 20,06,830 |
| 14. | Smt. Praseetha R Nair Dept. of Polymer Science & Rubber Technology, CUSAT | Preparation and characterization of Cissus Quadrangularis Linn plant extract incorporated chitosan-collagen scaffold for bone regeneration" | Basic/ Applied Science/ Chemistry | 09.01.2017 to 08.01.2020 | Dr. Sailaja G. S Associate Professor Dept. of Polymer Science and Rubber Technology, CUSAT | 20,07,655 |
| 15. | Dr. Sini Anoop M.E.S. Ponnani College Malappuram | Preparation and characterization of Cissus Quadrangularis Linn plant extract incorporated chitosan-collagen scaffold for bone regeneration" | Applied Science/ Marine Biology | 09.03.2017 to 08.03.2020 | Dr. Razia Beevi Associate Professor MES Ponnani-Malappuram | 23,42,200 |
| 16. | Dr. Viji A R Dept. of Botany, University College, TVM | "Systematic studies of the family Cyperaceae in Southern Western Ghats" | Basic/ Applied Science/ Botany | 20.12.2016 to 19.12.2019 | Dr. T. S. Preetha Assistant Professor Dept. of Botany University College, TVM | 23,17,200 |
| 17. | Smt. Keerthy Vijayan Forest Health Division, KFRI | Tracking the invasion of achatia fulica and its role in spreading the rat lungworm. | Basic/ Applied Science/ Biotechnology | 15.12.2016 to 14.12.2019 | Dr. T.V Sajeev Scientist E1 & Head Forest Health Division KFRI | 20,08,000 |

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| 18. | Smt. Jisha K Dept. of Botany Govt. Victoria College, Palakkad | Vascular Plant diversity of riparian system along Thutha river, Kerala | Basic/ Applied Science/ Botany | 29.03.2017 to 28.03.2020 | Dr. Maya C Nair Assistant Professor & Head Dept. of Botany Govt. Victoria College, Palakkad | 18,53,400 |
| 19. | Dr. Reji Division of Microbiology JNTBGRI Palode, TVM | Biotransformation of saponins to diosgenin for enhanced yield from Dioscorea sp using indigenous fungal strains | Basic/ Applied Science/ Biotechnology | 15.03.2017 to 14.03.2020 | Dr. N. S.Pradeep Senior Scientist & Head Division of Microbiology JNTBGRI Palode, TVM | 22,87,200 |
| 20. | Dr. Bindu. K .Jose College of Forestry, Kerala Agricultural University Vellanikkara | Studies on behaviour and pheromone signalling of the Teak trunk borer, Cossus cadambae Moore, its management implications and assessment of wood degradation due to the borer attack. | Basic/ Applied Science/ Forest Entomology | 27.03.2017 to 26.03.2020 | Dr. Anoop Elaveetil Vasu, Associate Professor and Head, Dept. of Wood Science, College of Forestry, KAU, Vellanikkara, Thrissur | 20,97,200 |
| 21. | Smt. Krishna Priya M G Department of Civil Engineering M.A College of Engineering, Kothamangalam | Activity based travel demand modeling integrating residential location Charecteristics | Engineering/ Transportation Planing/ Civil Engineering | 27.03.2017 to 26.03.2019 | Prof. Bybin Paul Assistant Professor, Department of Civil Engineering, MA College of Engineering, Kothamangalam | 9,53,000 |
| 22. | Smt. Rajeena. U Dept. Chemistry, SNGS College Pattambi, Palakkad | Development of fluorographene-based electrochemical sensors for small biomolecules | Basic/ Applied Science Chemistry/ Electrochemical Sensor | 23.03.2017 to 22.03.2020 | Dr. Resmi M.R Assistant Professor Dept. Chemistry, SNGS College Pattambi, Palakkad | 15,80,000 |
| 23. | Smt. Jennath IIITM-K, Techno Park, TVM | Distributed Intelligence in Internet of Things | Engineering/ Artificial Intelligence | 27.03.2017 to 26.03.2020 | Dr. Asharaf S Associate Professor IIITM-K Technopark, TVM | 14,93,000 |
| 24. | Smt. Lekshmi K R IIITM-K, Techno Park, TVM | An Assistive communication technology for divyaang. | Basic/ Applied Science/ Speech Recognition | 27.03.2017 to 26.03.2020 | Dr. Elizabeth Sherly Professor IIITM-K Technopark Campus, TVM | 11,48,000 |
| 25. | Dr. Vidya Raj Department of Chemistry, Govt. College for Women, TVM | Heparin Gold Nanoparticles for Colorimetric Detection of Cardiac Troponin I | Basic/ Applied Science/ Chemistry | 15.03.2017 to 14.03.2020 | Dr. Saji Alex Assistant Professor Department of Chemistry, Govt. College for Women, TVM | 23,82,200 |