

9. Question No. 10

Project Fund secured in the evaluation period

| Sl.No | Name of project | Funding agency | Fund received during the year | Period |
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| 1 | Phyto immune modulatory effect of lipopeptide compounds produced by Bacillus spp. with biocontrol property | Kerala Biotechnology Commission, KSCSTE under the YIPB Programme | 77000 | 2017-2020) |
| 2 | Exploring the Indigenous Microbiome of Kerala for Natural and organic agricultural practices- an approach to green Kerala | Kerala state plan fund 2018 | 330800 | 2018-2021 |
| 3 | Collaborative project with Business Innovation and Incubation Centre | funded project in association with Abtec M/s Agro Bio Tech Research Centre Ltd | | 2019 |
| 4 | Bioremediation of Chlorpyrifos by autochthonous bacterial consortia | KSCSTE | 480480 | 2016-2019 |
| 5 | Respond Project from ISRO | ISRO | | 2016-2019 |
| 6 | FUNDAMENTAL AND APPLIED RESEARCH IN CHEMICAL SCIENCES FOR SUSTAINABLE DEVELOPMENT OF THE SOCIETY | Kerala State Higher Education Department | | 2018-2021 |
| 7 | Synthesis and Evaluation of new burn rate catalysts for composite solid propellants | ISRO, Govt of India | 754000 | 2016-2019 |

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| 8 | | DST-PURSE Phase II | 37200000 | 2018-19 |
| 9 | Perchlorate contamination of drinking water resources in Kerala | DoECC, Govt. of Kerala | 342000 | 2016-2019 |
| 10 | Mapping of Flood and Landslide Prone Areas | KSDMA, Govt of Kerala | 400000 | 2018 |
| 11 | Identification and quantification of pharmaceuticals and personnel care products in water and sediments in Vembanad lake. | KSCSTE | 1008400 | 2018-2021 |
| 12 | 'Monitoring and assessment of microplastic pollution in water, sediment and selected biota of Vembanad Lake, Kerala' | Kerala State Council for Science Technology and Environment (KSCSTE) | 0 | 2019-2021 |
| 13 | ICSSR Sponsored Research Programme on "Human Rights and Tribal Development: A Comparative Study on the MalaiPandaram Tribes of Pathanamthitta and Kollam Districts in Kerala"- Project amount – | ICSSR | 500000 | 2017-19 |
| 14 | Indigenous Organic Farming Project: An Organic Farming Project for supporting Tribal Farmers"- Jaivam Project-Project amount- | UGC | 1065000 | 2018-19 |
| 15 | Documenting Agrarian Life Narratives | The State Government of Kerala (JAIVAM PROJECT) | 300000 | 2018-19 |
| 16 | Development of one dimensional multiferroicnanocomposites for device applications | SRS scheme- KSCSTE-Govt. of Kerala | | |

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| 17 | Physics of Cavitation Bubbles and Hydrogen Generation during Liquid Phase Laser Ablation | BRNS/BRFST-DAE-Govt. of India | 338625 | 2017-2020 |
| 18 | Design and applications of magnetically responsive self assembled polymer nanocomposites | DST-Nano Mission-Govt. of India | 1422000 | 2017-20 |
| 19 | Biobased Scaffolds, Membranes and Hydrogels for Improved Wound Healing and Bone Regeneration (BIOHEAL)- | Swedish Research Link Grant with Prof. Aji Mathew, University of Stockholm, Swedan, | | 2019-2020 |
| 20 | Bio-filler-Interfaced Electrospun PVDF Hybrid Piezoelectric Generator for Mechanical Energy harvesting | SPARC | 750000 | 2019-2020 |
| 21 | Study of urea oxidation electrocatalysis for energy conversion from waste | SPARC | 750000 | 2019-2020 |
| 22 | VachelliaNilotica based biocompatible hybrid nanostructured coatings/films for seeds and fruits | SPARC | 750000 | 2019-2020 |
| 23 | Nanoscale contrast agents for diagnostic biomedical imaging | SPARC | 750000 | 2019-2020 |
| 24 | Ageing Population: Extending the Tourism Market (Flagship) | TRGS- Flagship | 780450 | 2018-2022 |
| 25 | Maintaining Kerala's Tourism Destinations with minimum Disaster risk: A geographical Approach | Indian Council of Social Science Research (ICSSR) | 320000 | 2017-19 |
| 26 | Developing and validating the Sustainable Tourism Index towards SDGs for City Tourism in Malaysia | FRGS/1/2019/WAB12/TAYLOR/02/1 | 780450 | 2018-19 |

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| 27 | Gamma Ray/Heavy Ion Assisted Cross linked Silicone Rubber Based EMI Shielding Materials | UGC DAE | 375000 | 2019-2020 |
| 28 | Graphene-Silica conjugated epoxy nanocomposites for protective coating and repair applications | DRDO | 705000 | 2018-2020 |
| 29 | Visvesvaraya PhD Scheme for Electronics and IT | MeitY | 1551000 | 2015-2020 |
| 30 | Layer by layer (LbL) assisted antimicrobial membranes for water purification | MHRD, Govt. of India | 4459105 | 2 years |
| 31 | Nanoskinned coir matrix for the removal of biological contaminants from water | DST | 1199600 | 3 years |
| 32 | Application of biochar as a value added soil amendment for yield optimisation and soil fertility enhancement towards sustainable organic farming | JAIVAM, M.G. University | 750000 | 1 year |
| 33 | 'Development of injectable hydrogel-based delivery system for cartilage tissue repair' | DST INSPIRE Faculty Fellowship | 1377000 | 2017-2022 |
| 34 | Investigating the role of converging mitochondrial and endolysosomal pathways in the pathogenesis of Parkinson's disease: Search for novel therapeutic targets | Ramalingaswami Fellowship | 2422000 | 2018-2023 |

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| 35 | "Dysregulated circulating melatonin in pathophysiological processes in Parkinson's disease (PD): A study on experimental parkinsonism in animals and in PD patient population from eastern India" | ICMR | 1346000 | 2019-2022 |
| 36 | "Neural and genetic correlates of social behaviour in autism spectrum disorder versus attention deficit hyperactivity disorder" | MHRD-SPARC | 1400000 | 2019-2020 |
| 37 | "Neural and genetic correlates of social behaviour in autism spectrum disorder versus attention deficit hyperactivity disorder" | UKIERI-SPARC | 0 | 2019-2020 |
| 38 | "Ayurveda- A novel perspective into its formulations" | DST | 1425000 | 2018-2021 |
| 39 | Role of mtDNA on ASD-specific changes in serotonergic gene expression | Intl. Society for Neurochemistry | 523611 | 2018-2019 |
| 40 | Mentor-Based project : "Nanoformulated herbal extracts and neuroprotective active constituents against Parkinson's disease" | CSIR | 0 | 2019-2022 |
| 41 | Mentor-Based project : "Gaze behavior in response to visual image processing generates atypical electrical brain activity in ASD: An investigation towards ASD prognosis using integrated eye tracker-EEG system" | ICMR | 0 | 2019-2022 |

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| 42 | Mentor-Based project : "Investigation of possible association of vitamin D and VDR gene with autism spectrum disorder (ASD) phenotype: Validation by developmental vitamin-D deficient rat model" | ICMR | 0 | 2019-2022 |
| 43 | Mentor-Based project : "Targeting FOXO-deacetylation mediated autophagy as a therapeutic strategy in Alzheimer's disease" | ICMR | 0 | 2019-2022 |
| 44 | Towards sustainable surface water ecosystems in India: Predicting the fate, transport and effects of urban wastewater pollutants in rivers. | SPARC-MHRD | 4849000 | |
| 45 | SPARC-Support programme | United Kingdom India Research Initiative (UKIERI) | 1200000 | |
| 46 | Setting up of Sophisticated Analytical Instrument Facility , | DST-SAIF | 20000000 | |
| 47 | Self assembled Nanostructured Silica - Graphene oxide core-shell particles reinforced natural rubber composites for green tyres | DST-Nano Mission-Govt. of India | 1400000 | 2017-2019 |
| 48 | Novel thermoplastic elastomer composition for Neutron Shielding applications | BRNS | 3686250 | 2017-2019 |

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| 49 | .Government of the Russian Federation | (Ministry of Education and Science of the Russian Federation) designed to support research projects implemented under the supervision of the world's leading scientists as Leading Scientist2017 | 31000000 | 2017-2020 |
| | | Total | 128767771 | |