

FATIMA MATA NATIONAL COLLEGE

AUTONOMOUS

(Reaccredited with 'A' Grade by NAAC)

Affiliated to University of Kerala



6.3.1 List of Teachers Availed Seed Money

IQAC INTERNAL QUALITY
ASSURANCE CELL

6.3.1 The institution provides seed money to its teachers for research

Name of the teacher	Amount	Duration	Title of the Project
Grata Ildaphonse	2000	2014-15	Meta-Analysis of Anthropometric Measures and Kidney Cancer Risk
Dr K S Dersanambika	5000	2014-15	Software Winedit
Dr Anil Kumar S.	3000	2014-15	A Study on Noetherian Rings and Modules
Ms Rosini B	3000	2014-15	Spiking neural p system
Dr Hema Tresa Varghese	10000	2014-15	FT-IR, HOMO-LUMO, NBO, MEP analysis and molecular docking study of 3-Methyl-4-((E)-[4-(methylsulfanyl)-benzylidene]amino)-1H-1,2,4-triazole-5(4H)-thione
Ms Sheena Mary Y	5000	2014-15	Preparation And A Study on Vibrational Spectra Of Virgin Coconut Oil And Lauric Acid
Ms Sarau Devi A.	5000	2014-15	Studies on Zinc (II), Cadmium (II) and Mercury(II) complexes of 2-(3-methoxy -4-hydroxyphenyl) benzothiazole
Dr Manohar D Mullassery	10000	2014-15	Development of Magnetic Biochars for Heavy Metal Remediation
Dr Noeline B Fernandez	5000	2014-15	Adsorptive removal of acid red from aqueous solutions by cationic surfactant-modified bentonite clay
Dr Shibu Joseph S. T	5000	2014-15	Spatial distribution of uranium and associated water quality parameters in groundwater /drinking water of five districts (Thiruvananthapuram, Kollam, Alappuzha, Pathanamthitta and Kottayam) of Kerala
Dr Rubin Jose A.S	5000	2014-15	Tissue Culture studies in Mentha Arvensis L. And Epiphyllum Oxypetalum (DC.)Haw
Dr Mary Teresa P Miranda	10000	2014-15	Impact of Anthropogenic stresses on the Plankton Dynamics along the coast of Kollam, Kerala
Dr Antony Akhila Thomas	5000	2014-15	Impact of biogenic gold nanoparticles fortified diet on Selected antioxidant indices of Oreochromis mossambicus
Dr Sherly Williams	10000	2014-15	Causes and Challenges on Depletion of Fish Diversity of Ashtamudi

			Lake, the RAMSAR site (MOEF)
Dr MR Shelly	5000	2014-15	Ithihaasa Punaraavishkaaram 'Shyamamadhavathil'
Dr S. Parvathy	5000	2014-15	The Fictionality of Fiction: A Post-Modern Reading of Italo Calvino's IF on a Winter's night a traveller
Dr M Supriya	5000	2014-15	Deconstructing the Centre: Syrus Mistry's Chronicle of a Corpse Bearer
Total 2014-15	98000		
Dr Hema Tresa Varghese	10000	2015-16	Spectroscopic (FT-IR, FT-Raman), first order hyperpolarizability, NBO analysis, HOMO and LUMO analysis of 5-tert-Butyl-6-chloro-N-[(4-(trifluoromethyl)phenyl)pyrazine-2-carboxamide
Ms Sheena Mary Y	10000	2015-16	Spectral Analysis of Tartrazine
Dr Anil Kumar S.	3000	2015-16	A Study on Extension of Rings
Ms Rosini B	3000	2015-16	Modelling and analysis of extended spiking neural P systems with Astrocytes using Petrinets
Dr Apsara A.P	5000	2015-16	Synthesis and Characterization of Cerium(IV) Molybdate
Ms SarauDevi A	5000	2015-16	Structural-Crystal-Optical-and Biological Activities of Metal Complexes/Frameworks derived from heterocycles as benzothiazoles
Dr Manohar D Mullassery	10000	2015-16	Microwave Assisted Green Synthesis Of Mesoporous Silica Material For The Targeted And Controlled Drug Delivery
Dr Noeline B Fernandez	5000	2015-16	Development Of Magnetic Biochars for Heavy metal remediation
Dr Shibu Joseph S T	5000	2015-16	Synthesis and Study of gold nanoparticle
Dr M.R. Shelly	5000	2015-16	Keralathile Anushtaana kalakalile Sthreesaanidhyam oru padanam
Dr S. Parvathy	5000	2015-16	Imagination/Reality Dichotomy: Amy Tan's The Hundred Secret Senses as a Magic Realistic Text
Dr Antony Akhila Thomas	5000	2015-16	Studies on the Hematological Paramters in a Fresh water fish Etroplus Suratencis under different Salinity conditions
Dr Sherly Williams E.	10000	2015-16	Bacteriological Analysis of Vattakayal, A Part of Ashtamudi Lake, kollam District ,Kerala

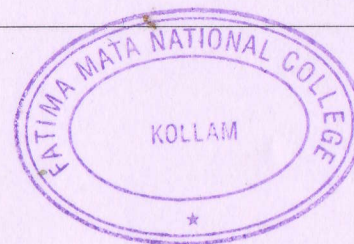
Dr Mary Teresa P Miranda	10000	2015-16	Zooplankton as candidate bio-indicators in the biomonitoring of trace metals along the coast of Kerala, India UGC
Dr Anil Jose	5000	2015-16	"Social intelligence and home adjustment: A comparison between regular and distant education college students".
Dr Sajimon P.P.	5000	2015-16	"Self-concept and emotional intelligence between adolescents with and without parents".
Total 2015-16	101000		
Dr K S Dersanambika	10000	2016-17	Software pnet lab
Dr Anil Kumar S.	5000	2016-17	A Study on Fixed- Point-free Automorphism
Ms Rosini B	5000	2016-17	Software pnet lab
Dr Sheena Mary Y	10000	2016-17	A study on Physical Properties and Spectral Analysis of Virgin Coconut Oil
Ms Bindu Christopher	10000	2016-17	Near field non-ionising electromagnetic radiation of cellular base stations in selected locations
Ms Sarau Devi A	5000	2016-17	Synthesis, Characterization and Anti-microbial studies of Copper (II) complexes of o-hydroxy benzylidene- 2-aminothiozole
Dr Manohar D Mullassery	10000	2016-17	Microwave assisted green chemistry synthesis of acrylamide grafted cyclodextrin and its application in drug delivery
Dr Noeline B Fernandez	10000	2016-17	Microwave- assisted green synthesis of acrylamide cyclodextrin-grafted silylated bentonite for the controlled delivery of tetracycline hydrochloride
Dr Shibu Joseph S T	5000	2016-17	Synthesis and Study of silver nanoparticle
Dr Mary Nancy T.E	5000	2016-17	Electrochemical Characterization of Reduced Graphene Oxide
Dr Mary Teresa P Miranda	10000	2016-17	Bioaccumulation of Trace metal concentration in two marine molluscs in relation to morphometry
Dr Antony Akhila Thomas	5000	2016-17	Quality analysis of Octopus membranaceus, sepia pharaonis and Loligo duvaciceli from Neendakara
Dr Sherly Williams E.	10000	2016-17	Histopathological Alterations induced by Organo Phosphate (CHLORPYRIFOS) Pesticide in Fresh Water Fish Channa Striatus (BLOCH),

Dr M R Shelly	10000	2016-17	Vishappu Premaayamaya moonu kathakal
Total 2016-19	110000		
Dr.Sherly Williams	20000	2017-18	A survey on the Human food habits and its impacts on Health at karyavattam panchayat, thiruvananthapuram district,Kerala
Dr.Manohar D Mullassery	20000	2017-18	Development of Biochars for Methylene Blue Remediation From Aqueous Solutions
Dr.Noeline B Fernandez	20000	2017-18	Carbon-polymer composite for super capacitor electrode material
Dr Shaiju P.N.	20000	2017-18	Workshop on Microseeds and Marvellous Research
Dr P.Sarlin	20000	2017-18	A Study and DNA Barcoding of few Metazoan parasites of Mackeral Rastrelliger Kanaguria (Cuvier), a commercially important marine fish of Kerala
Dr Sajimon P.P.	10000	2017-18	"Occupational stress and self-esteem among school teachers in relation to their personality types".
Dr Sinilal B.	20000	2017-18	Analysis of genetic diversity in six species of Solanum L. Using RAPD marker
Ms.Bindhu Christopher	7500	2017-18	A study on the Biological Effect of Mobile Phone Radiation
Total 2017-18	137500		
Dr Sherly Williams E.	3000	2018-19	Gut Content Analysis of Liza Parsia (Hamilton 1822) from Ashtamudi Lake,Kollam,Kerala
Dr Sherly Williams E.	3000	2018-19	Seasonal variation on the proximate composition of a Gobiid fish <i>Oxyurichthys tentacularis</i> (Valenciennes, 1837). Of Ashtamudi Lake, Kerala.
Dr Supriya M.	5000	2018-19	Celebrating Black Motherhood:Tony Morrison's A Mercy
Dr Sherly Williams E.	3000	2018-19	Proximate composition of four Gobiid fishes from Ashtamudi Lake, Kerala, India.
Dr Sherly Williams E.	3000	2018-19	A study of morphometry and meristic counts of <i>Oxyurichthystentacularis</i> (Valenciennes, 1837) from Ashtamudi lake - Kollam, Kerala.
Dr Parvathy S.	5000	2018-19	Mythology ,Popular Crisis and Identity Crisis: A Reading of Salman

			Rushdie's The Golden House
Dr Manohar D.Mullassery	3000	2018-19	Characterization of biochars from a plant biomass and its effect on lead sorption capacity
Dr Shaiju P.N.	3000	2018-19	Campus Tree Labelling
Dr B. Sinilal	10,000	2018-19	Investigation in Arabidopsis to reveal the role of zinc in sensing and signalling of phosphorus availability in soil Science and engineering research board Government of india (SERB)
Dr Shaiju P.N.	10,000	2018-19	Gynostemium morphology and systematic of the genus Thottea Rottb. (aristolochiaceae) from India.-SERB
Dr B. Sinilal	3000	2018-19	RAPD for detection of genetic variation in four species of Justicia
Dr Sajimon P.P.	5000	2018-19	"Levels of perceived loneliness and emotional maturity among institutionalized and non-institutionalized older adults".
Dr Shaiju P.N.	5000	2018-19	Evaluation of Growing Conditions for Better yield in Two strains of Pleurotus Florida (Mont.).Solms
Dr Shaiju P.N.	1000	2018-19	Exploration of anti-inflammatory and anti-snake venom potentials of the rhizome of Thottea siliquosa (Lam.)D.Hou, - Student Project, KSCSTE
Dr Shaiju P.N.	1000	2018-19	Morphology and Reproductive Potential of Gynostemium in Thottea idukkiana Panduran. & Nair- Student Project KSCSTE
Dr B. Sinilal	1000	2018-19	Selection of a plant best suited for plant-mediated gold nanoparticle synthesis- Student Project KSCSTE
Dr Sheena Mary Y.	1000	2018-19	Green synthesis of silver nanoparticles from Nature's chemical factories- an approach using plant/fruit extracts -Student Project KSCSTE
Dr Sheena Mary Y.	1000	2018-19	A green approach for the synthesis of silver nanoparticles from Azadirachta Indica aqueous leaf extract - Student Project KSCSTE
Ms Nisha Thomas P	1000	2018-19	A study of the haematological and histological parameters of Etroplus suratensis of Ashtamudi lake in response to different pesticides and heavy metals - Student Project, KSCSTE

Ms Nisha Thomas P	1000	2018-19	A study of the haematological and histological parameters of <i>Etroplus suratensis</i> of Ashtamudi lake in response to different conditions of salinity Student Project, KSCSTE
Dr Merlyn V.J.	1000	2018-19	Phytochemical screening and anti-oxidant activity of <i>Chamaecostus cuspidatus</i> - Student Project KSCSTE
Dr Sherly Williams E.	3000	2018-19	Reproductive biology of a Gobiid fish <i>Oxyurichthys tentacularis</i> (Valenciennes, 1837) inhabiting Ashtamudi Lake, S. India
Ms Nisha Thomas P	3000	2018-19	Histological Alterations on the Kidney and Intestine of <i>Etroplus Suratensis</i> of Ashtamudi Lake on exposure to certain pesticides
Ms Nisha Thomas P	3000	2018-19	Studies on the effect of Salinity on the growth and food conversion ratio of <i>etroplus Suratensis</i>
Dr Sarlin P.J.	1000	2018-19	Assessment of Microplastics in bivalves from Ashtamudi estuary in kollam, kerala- Student Project KSCSTE
Dr Sarlin P.J.	1000	2018-19	Assessment of Microplastics in table salt from kerala- Student Project KSCSTE
Mr Ratheesh kumar R	5000	2018-19	Chemical bath deposition of Copper oxide nanoparticles
Dr Sheena Mary Y.	5,000	2018-19	Green synthesis of silver nanoparticles from Nature's chemical factories- an approach using plant/fruit extract
Dr Sherly Williams E.	20,000	2018-19	Determination of Lethal concentration (LC 50) of <i>Channa striata</i>
Dr Meryln V.J.	20,000	2018-19	Phytochemical screening and anti-oxidant of <i>Chamaecostus Cuspidatus</i>
Dr Apsara A.P.	20,000	2018-19	A comparative study of Cerium(IV) Phosphate and its composite n-Butyl Acetate Cerium(IV) Phosphate
Ms Vimala V.	20,000	2018-19	Synthesis of ZnO Nanoparticles using thermal growth and Characterization using XRD and UV
Dr Shaiju P.N. & Dr Sinilal B.	10,000	2018-19	Morphological and Molecular Characterization of <i>Thottea</i> spp. From India Ministry of Environment , Forest and Climate Change , Government of India, under AICOPTAX scheme

Dr Shaiju P.N.	10,000	2018-19	Selective augmentation of Research and Development (SARD) KSCSTE
Dr Shaiju P.N.	3000	2018-19	Nature Camp at Munroe Island in association with Govt LPS ,Munroe
Dr Manohar D.Mullassery	10,000	2018-19	Use of natural polysaccharides as blood-brain barrier permeable central nervous system targeted drug delivery systems
Ms Nisha Thomas P	3000	2018-19	A study on the chromatophore distribution of two cephalopode from kollam coast
Dr Sarlin P.J.	10,000	2018-19	Isolation and Metagenome Identification of Yeasts inhabiting Myristica Swamp Soils of Western Ghats In Kerala.
Dr Sarlin P.J.	10,000-	2018-19	<i>"Microplastic Bioaccumulation in invertebrates and Fishes in Ashtamudi Lake-A Ramsar Site in Kollam,Kerala South west Coast of India"</i>
Dr Manohar D.Mullassery	10,000	2018-19	Use of Mesoporous materials as blood-brain barrier permeable central nervous system targeted drug delivery systems
Dr Shaiju P.N.	10,000	2018-19	Pandemonium in flowering phenomenology: A case study in Cassia fistula Linn.
Dr Noeline B Fernandez	10,000	2018-19	Developing carbon based composites for supercapacitor applications
IQAC Co-ordinator	10,000	2018-19	Proposal for financial support under Non-RUSA scheme
Mr Prijith Jacob Thomas	10,000	2018-19	Scientometric analysis of research collaboration of ICAR institutes
Total 2018-19	2,66,000		



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Principal