



**RESEARCH GRANTS OUSL
STAFF 2021**

THE OPEN UNIVERSITY OF SRI LANKA

Faculty Research Grant – 2021

Name	Faculty	Title
Dr. H.B.P.Sandani	Natural Sciences	Preliminary study on the potential of biological control of tomato anthracnose using native bioagents
Dr.C.D Jayasinghe	Natural Sciences	Eco-immunological investigation of mite-induced responses in Red-vented bulbul (<i>Pycnonotus cafer</i>) in semi-urban environment in Western Province
Dr.S.A.D.P.Senadheera	Natural Sciences	Genome – wide association mapping discover quantitative traits local/genes that confers salt tolerance in rice at the reproductive stage in Sri Lankan rice diversity panel.
Prof.S.R.Weerakoon	Natural Sciences	Molecular and Agro - Morphological Characterization and Molecular Screen for Bacterial with in Brinjal(<i>Solanum Melongena</i>) Varieties Cultivated in Sri Lanka.
Dr.D.D.G.L.Dahanayake	Natural Sciences	Development of Integrated Coastal and Marine Spatial Planning (MSP) in Sri Lanka.
Dr.K.H.Jayawardena	Natural Sciences	Investigation on the Expression of the Protein and/or Cytokines during Cell Migration Assay Conducted with Wound Healing Active Medical Plant Extracts and Chemical Constituents using Madin-Darby Canine Kidney (MDCK) Cell
Dr.N.U.S.Yapa	Natural Sciences	Synthesis and Characterizing of conducting polymer films for applications in smart windows
Dr. H.M.C.J.Herath	Health Sciences	Perceptions of Health Care Student Communities on Inter-professional Education and Collaborative Practice: Faculty of Health Sciences, The Open University of Sri Lanka.
Dr.Kalaivani Vivehananthan	Health Sciences	Transforming Commercial Glucose Test Strips to Quantify Metagenomics DNA extracted from Various Water Samples

Mr.K.Ketheeswaran	Health Sciences	Adapting a screening tool to identify gifted and talented students. [in grade three (3) classes in Colombo South Education Zone]
N S Weerakkody	Faculty of Engineering Technology	Development of Fruit Leather Using Underutilized Fruits
T.M.D.N.T. Medagedara	Faculty of Engineering Technology	Modelling, Experimental, Characterization, Improving of Chameleon inspired robot locomotion platform
Dr.A.G.B.Aruggoda	Faculty of Engineering Technology	Green Synthesis of Nanoparticles from plant extracts and their activity as Antimicrobial agents

Competitive Research Grants – 2021

Name	Faculty/ Department	Title
Dr.C.D Jayasinghe	Faculty of Natural Sciences -Department of Zoology	Investigation on the genetic predisposition of Monoamine Oxidase A (MAOA) and Dopamine Transporter 1 (DAT 1) genes and socio-environmental predispositions of violent behaviour of male convicts in Sri Lanka.
Dr.U.A.Jayawardena	Faculty of Natural Sciences – Department of Zoology	Microplastics in marine ecosystem: Contamination in different trophic levels of coastal food web, in Morawala reef and Negombo lagoon. of Sri Lanka.
Dr.A.G.B.Aruggoda	Faculty of Engineering Technology - Department of Agriculture and Plantation Engineering	Green Synthesis of nanoparticles as fertilizers for increasing agronomic performances of Chille (Capsicum annum)
Prof.V.P.S.Perera	Faculty of Natural Sciences – Department of Physics	Synthesis and Characterization of Green Quantum Dots for Solar Cell Application

Other Grants – 2021

Name	Name of the Grant	Title
Dr. H.M.C.J.Herath	Asian Research Institute for International Social Work (ARIISW), Shukutoku University, Japan	A research project on ‘Social Work Needs and Social Work Providers, (2020)
	Social Work Research Institute Asian Center for Welfare in Society, Japan College of Social Work, Japan	A research project on “Evidence of Indigenization of Social Work Education in Sri Lanka, under the research project on Internationalization & Indigenization of Social Work Education in Asia;(2012- 2013)
	The Fundamental Research for the Central Universities (2016YXMS215), Huazhong University of Science and Technology, P.R. China	Comparative Study of Interprofessional Education in Global Health Care: A Systematic Review Published in Medicine (2016).
Prof.G.K.R Senadeera	World Bank Research Grant	AHEAD DOR9 , World Bank Research Grant 3 years, Prof. G.K.R. Senadeera, Prof. J.C.N. Rajendra, Dr. N Karthikeyan, Dr. L. Wijenayake, 40 m RS
	NSF Research Grant	NSF Research Grant, 3.1 m, Prof. M.A.K.L. Dissnayake and Prof. G.K.R. Senadeera
Prof. R. Senthilnithy	Development Oriented Research Grant awarded by World Bank	AHEAD DOR28 (2019 September - three years), World Bank Research Grant 3 years, Prof. R. Senthilnithy, Dr. DT Abeysinghe and Dr. CD Jayasinghe, 40 m RS Research Project: Engineering immobilised DNAzyme fluorescence sensors for environmental on-site monitoring of water bodies for metal contamination and exploring the metal-protein interaction on specific proteins in selected non-communicable diseases.
	NSF Research Grant	NSF Grant 3.1 M, (2018 August - three years) Research Project: Computational studies on inhibition of epigenetic modifications of cancer codes.