

Grants Awarded in 2021, Research Division, NSF

No.	Investigators	Project Title, Duration and Budget (Rs.)	Date of Awarding/ Date of Commencing	Relevant SC
01	Dr L J P A P Jayasooriya Department of Basic Veterinary Sciences, Faculty of Veterinary Medicine & Animal Sciences University of Peradeniya	Value addition to chicken egg with enrichment egg yolk lipids with natural Conjugated Linoleic acid (CLA) having anti-cancer actions & subsequent commercialization of the value-added product 01 year and 03 months Rs. 1,670,000	2021.12.15 2021.12.31	Agriculture Sector for R & D
02	Prof. J B Ekanayake Department of Electrical & Electronic Engineering Faculty of Engineering, University of Peradeniya	An integrated application of the dynamic line rating and the solar PV inverter control to enhance the rooftop solar PV integration into distribution networks 01 year and 06 months Rs. 2,475,000	2021.12.15 2021.12.31	R&D on Cost-Efficient Energy Sources and Storage
03	Prof. M M Pathmalal Faculty of Applied Sciences University of Sri Jayewardenepura	Scale up of the developed domestic water filter for removal of Geosmin, 2-MIB, cyanotoxins, and antibiotics in drinking water 01 year Rs. 2,000,000	2021.12.15 2021.12.31	R&D for Engineering Services and SMEs
04	Dr I R M Kottegoda Industrial Technology Institute 363, Bauddhaloka Mawatha Colombo 07	Purification of Graphite of Sri Lanka as a high value addition 02 years Rs. 925,000	2021.12.15 2021.12.31	R&D for Engineering Services and SMEs
05	Dr W A U Vitharana Department of Soil Science, Faculty of Agriculture, University of Peradeniya	Mapping of salinity development in paddy grown soils using proximal and remote sensing-based techniques 02 years and 06 months Rs. 4,086,680	2021.12.24 2021.12.31	
06	Prof. M Vithanage Ecosphere Resilience Research Centre, Faculty of Applied Sciences, University of Sri Jayewardenepura	Synthesis of organo-mineral enriched biochar as a fertilizer and nemato-repellent to enhance soil nutrient cycling, yield and quality of organic export root-crops ginger and turmeric 02 years and 06 months Rs. 3,180,000	2021.12.24 2021.12.31	
07	Dr B R Fernando Dept. of Veterinary Public Health and Pharmacology, Faculty of Veterinary Medicine and Animal Sciences, University of Peradeniya	Profiling of risks associated with veterinary drug residues in animal feed and food of animal origin to ensure consumer safety 02 years Rs. 3,750,000	2021.12.24 2021.12.31	
08	Ms. D C K K Dissanayake Director of Life Sciences, Sri Lanka Atomic Energy Board Orugodawatta, Wellampitiya	Applying Isotopic fingerprinting to authenticate Sri Lankan coconut kernel products to protect and promote in international market 03 years Rs. 1,929,600	2021.12.24 2021.12.31	
09	Dr (Eng.) K M A K Kulatunga Dept. of Manufacturing & Industrial Engineering University of Peradeniya	Design and development of a decision support system to reconfigure fruit and vegetable supply chain to enhance the food security 03 years Rs. 3,453,750	2021.12.24 2021.12.31	