

Year	Annual No.	Grant No.	Awarding Year	Research Title	Name of the Researcher	Institution
	1	11-004	2011	An investigation of the lightning environment in Sri Lanka	Prof. D.U.J. Sonnadara	University of Colombo
	2	11-007	2011	Space-Time dynamics and parameters of growth of toxic cyanobacteria in Nuwara wewa and Nachchaduwa wewa in Anuradhapura.	Prof. A. Weerasinghe	Rajarata University of SL
	3	11-011	2011	Genotoxicity assessment of surface waters of Kelani River and the industrial effluents reaching the river using different biological systems	Prof. A. Pathiratne	University of Kelaniya
	4	11-015	2011	Novel cardiovascular risk markers Paraoxonase ,Apolipoprotien A-1 (apoA- 1) and Glutathione Peroxidase genotype -1 in Coronary Artery Disease	Prof. H. Peiris	University of Sri Jayewardenepura
	5	11-022	2011	Investigations on endophytic diazotrophic bacteria and their inoculation effects on growth and nitrogen uptake of rice	Dr. N. Welikala	University of Kelaniya
	6	11-023	2011	Metabolite Profiling of Tea Germplasm of Sri Lanka	Dr. P.A.N. Punyasiri	Tea Research Institute
	7	11-025	2011	Social Sensor Networks for Opinion Analysis	Dr. T.N.K.De Zoysa	University of Colombo
	8	11-029	2011	Data-driven Speech Translation between Sinhala and Tamil	Prof. A.R. Weerasinghe	University of Colombo
	9	11-034	2011	Molecular detection of toxigenic cyanobacteria, quantification of microcystin and exploiting microbial diversity to remove microcystin for water treatment solutions	Dr. M.M. Pathmalal	University of Sri Jayewardenepura
	10	11-042	2011	Determination of the Genetic Architecture of Yellow (Dwarf) Coconut Populations in Sri Lanka	Dr. S. A. C. N. Perera	Coconut Research Institute

11	11-046	2011	Bone graft and bone substitutes for treating bone injuries, traumas, non-traumatic disorders.	Prof. R.P.V.J. Rajapakse	University of Peradeniya
12	11-051	2011	A study on the prevalence and clinico-pathological characterization of triple negative breast carcinomas and those with basal phenotype.	Prof. M.D.S. Lokuhetty	University of Colombo
13	11-053	2011	Synthesis, characterization and study of physico-chemical properties of some polymeric materials in the form of nanofibres and their applications in antimicrobial polymer nanofibre water filters and dye-sensitized solar cells.	Prof. C.B. Dissanayake	Institute of Fundamental Studies
14	11-054	2011	Development of electrochemical technologies to remove organic and heavy metal pollutants present in pesticides	Dr. (Mrs.) K.G.N. Nanayakkara	Institute of Fundamental Studies
15	11-056	2011	Application of Biofilm-Biotechnology for novel biofertilizer development	G. Seneviratne	Institute of Fundamental Studies
16	11-059	2011	Gene expression analysis: Identifying the missing link in chronic kidney disease of unknown aetiology (CKDu) in Sri Lanka	Dr. D.N. Magana-Archchi	Institute of Fundamental Studies
17	11-065	2011	Vidusayura - A perception enhanced immersive virtual environment for maritime education. This is a tailor-made Virtual Reality (VR) solution for Sri Lanka Navy(SLN)	Prof. N.D. Kodikara	University of Colombo
18	11-066	2011	Accuracy, Convenience and Benefits of treating Patients in an eClinic using the Vidusuwa Telemedicine Solution in a Sri Lankan Context	Dr. S. Arunathillake	University of Colombo
19	11-067	2011	Development of Assistive Robotic Arms	Dr. R.A.R.C. Gopura	University of Moratuwa
20	11-071	2011	Intelligence Led Policing Using Data Mining Techniques	Dr. Y.P.R.D. Yapa	University of Peradeniya
21	11-072	2011	Towards Better Performance: Development of an Automated Tool for Performance Evaluation in Sports using Trajectory Analysis.	Dr. U.A.J. Pinidiyaarachchi	University of Peradeniya

22	11-075	2011	Viral aetiologies of encephalitis in a hospital-based patient population in Sri Lanka	Dr. T. Chang	University of Colombo
23	11-080	2011	An Investigation of gastrointestinal parasitic infection in goats in North Western Province and implementation of genetic and immunological intervention	P.A. Gamika	Wayamba University of SL
24	11-087	2011	Identification of genomic regions associated with phosphate deficiency tolerance in Sri Lankan rice germplasm for marker assisted breeding	Dr. S. D. S. S. Sooriyapathirana	University of Peradeniya
25	11-091	2011	Dormancy and germination requirements of seeds of some dominant mountain forest species in Sri Lanka, and possible effects of climatic change	Dr. K. M. G. G. Jayasooriya	University of Peradeniya
26	11-093	2011	The psychological impact of spinal cord injury; Long term difficulties and coping strategies	Dr. S. Williams	University of Kelaniya
27	11-099	2011	Molecular identification of <i>Ralstonia solanacearum</i> (E.F.Smith) in seed potato.	Dr. P.N. Dassanayake	University of Sri Jayewardenepura
28	11-106	2011	Assessment, damage detection, life evaluation, repair and retrofitting of existing bridges in Sri Lanka due to overloading and environmental interaction	Prof. P.B.R. Dissanayake	University of Peradeniya
29	11-116	2011	Selection and evaluation of potential egg parasitoids for biocontrol of <i>Cnaphalocrocis medinalis</i> , Rice leaf folder.	Dr. K.S. Hemachandra	University of Peradeniya
30	11-118	2011	Effect of soil amendment with silicon on preharvest fungal disease and postharvest quality of bitter gourd	Dr. W.A.M. Daundasekara	University of Peradeniya
31	11-120	2011	Establishment of native tree islands in man-made grasslands at the Knuckles Forest Reserve, Sri Lanka.	Dr. (Mrs) A.M.T.A. Gunaratne	University of Peradeniya
32	11-121	2011	Effectiveness of multi strain Rhizobial inoculants for edible legumes of Sri Lanka	Dr. (Mrs) C.L.A. Abayasekara	University of Peradeniya
33	11-122	2011	Characterization of the antibacterial activity of Triphala, a commonly used Ayurvedic product, against multi-resistant human pathogens	Prof. V. Thevanesam	University of Peradeniya

34	11-125	2011	Empowering rubber farmers in non-traditional rubber growing areas through knowledge on combating adverse impacts of environment for better productivity	Dr. A. Dissanayake	Rubber Research Institute
35	11-129	2011	Dengue virus dynamics/genetic changes in the vector mosquitoes and geo-climatic factors that predict clinical severity of dengue fever (DF), dengue haemorrhagic fever (DHF) and DF/DHF outbreaks	Dr. F. Noordeen	University of Peradeniya
36	11-142	2011	Assessment of heavy metal pollution in sediments and surface soils in the Colombo Metropolitan Region	Dr. H. M. T. G. A. Pitawala	University of Peradeniya
37	11-148	2011	Methane (CH ₄) and nitrous oxide (N ₂ O) emission from six rice varieties as governed by soil microbial communities, rhizosphere characteristics and agronomic practices	Dr. R. M. C. P. Rajapaksha	University of Peradeniya
38	11-152	2011	A Study on Design of Domestic Type Machine for De-polymerizing Solid Waste of Polythene and Plastic Bottle to Usable Hydrocarbon Fuel.	Dr. N. K. Hettiarachchi	University of Ruhuna
39	11-157	2011	Development of Breakthrough Technologies Relevant to Polymer Composites	Dr. L.A. Panangama	University of Ruhuna
40	11-158	2011	Anaerobic Co-digestion of Rice Straw and Organic Fraction of Municipal Solid Waste for the Enhancement of Biogasification through Physicochemical Adjustments	S. Wijetunga	University of Ruhuna
41	11-160	2011	Establishment of national neonatal screening center for congenital hypothyroidism and to assess the predictors of newborn screening behavior of Sri Lankan mothers	Dr. M.D. Hettiarachchi	University of Ruhuna
42	11-166	2011	Investigation of background concentrations and spatial distribution of Heavy metals in surface soils and crops in agricultural fields in Sri Lanka	Prof. S. P. Indraratne	University of Peradeniya
43	11-175	2011	Improving the performance of hybrid nanocrystalline titanium dioxide (TiO ₂) / polymer solar cell using interface modifiers	Prof. P. Ravirajan	University of Jaffna

44	11-176	2011	Establishment of Indian sandalwood (<i>Santalum album</i>) plantations and determination of the variation of oil contents in different geographical regions of Sri Lanka	Dr. S.M.C.U.P. Subasinghe	University of Sri Jayewardenepura
45	11-178	2011	Synthesis of value added products from Sri Lankan dolomitic marbles	Dr. D.G.G.P. Karunaratne	University of Peradeniya
46	11-179	2011	Investigation of phosphorus and potassium nutrition of lowland rice crops in Sri Lanka to increase their nutrient use-efficiency.	Dr. L.D.B. Suriyagoda	University of Peradeniya
47	11-180	2011	Petrogenesis and geochronology of ultra high temperature granulites from the Highland Complex of Sri Lanka+G67	Dr. M.A.S.P.K. Malaviarachchi	University of Peradeniya
48	11-192	2011	Bionomics of mealybug species of the low country dry zone, Sri Lanka and their potential threats to the agriculture.	Dr. (Mrs.) M. Vinobaba	Eastern University of SL
49	11-193	2011	Retrofitting of Existing Masonry Building for Dynamic Load induced by Natural Hazards	Dr. G. S.Y. De Silva	University of Ruhuna
50	11-195	2011	Studies on possibilities of Biofuel production through selected Algae species available in Sri Lanka	Prof. S. Subasinghe	University of Ruhuna
51	11-196	2011	Fabrication of efficient low cost photo-electrochemical solar cells using novel gel/solid polymer electrolytes and modifying the photo-electrode	Dr. T.M.W.J. Bandara	Rajarata University of SL
1	11-009	2012	Determination of physical conditions and chemical processes inside Sonoluminescence bubbles using theoretical and experimental techniques	Prof. Asiri Nanayakkara	Institute of Fundamental Studies
2	11-010	2012	Genetic diversity of Sri Lankan butterflies (Lepidoptera)	Prof. G. Ranawaka	Open University of SL
3	11-013	2012	Research and development of Cu ₂ O based (CuO) _x (Cu ₂ O) _{1-x} /Cu ₂ O and CuInS ₂ /Cu ₂ O heterojunction thin film solar cells using electrodeposition technique	Dr. L.B.D.R.P. Wijesundara	University of Kelaniya

4	11-018	2012	Identification of potential molecular and genetic markers of sporadic breast cancer and evaluation of selected traditional medicines as potential anti cancer drugs for breast and ovarian cancers using an in vitro model	Prof. K. H. Tennekoon	University of Colombo
5	11-021	2012	Production of nitrogen fixing rice plants in Sri Lanka through the introduction of <i>A. caulinodans</i>	Dr. T.L.S. Tirimanne	University of Colombo
6	11-039	2012	Studies on White Root Disease of Rubber to Develop Improved Management Strategies	Dr. (Mrs.) T.H.P.S. Fernando	Rubber Research Institute
7	11-040	2012	A study of diversity of macrofungi in selected dry zone forest reserves and investigation of their bioactive compounds	Dr. C.M. Nanayakkara (Prof. R.L.C. Wijesundera)	University of Colombo
8	11-044	2012	Human and animal (domestic) otoacariasis in Sri Lanka: Seasonality, risk factors and the role of intra-aural ticks as disease carrying vectors	Dr. R. S. Rajakaruna	University of Peradeniya
9	11-049	2012	Rubber nanocomposites: Effects of hybrid nanomaterial systems on mechanical and flame retardant properties	Dr. M.N.S. Kottegoda	University of Sri Jayewardenepura
10	11-070	2012	Glycolipids for liposome and microemulsion formation for applications in the pharmaceutical and cosmetic industry	Prof. A.D.L.C. Perera	University of Peradeniya
11	11-079	2012	Preparation of a national collection and evaluation of the current distribution and species diversity of regular and irregular echinoids (Class: Echinoidea Phylum: Echinodermata) in Sri Lanka and determining the diet composition of <i>Stomopneustes variolaris</i>	Dr. S. Jayakody	Wayamba University of SL
12	11-086	2012	Analysis of the Genetic Diversity of Eating and Cooking Qualities and Nutritionally Important Starch Fraction of Representative Germplasm of Rice in Sri Lanka	Dr. H.A.M. Wickramasinghe	
13	11-100	2012	Analysis of the HER 2 neu receptor status, and its correlation with the clinicopathological parameters of gastric carcinoma.	Prof. M.D.S. Lokuhetty	University of Colombo

14	11-107	2012	Screening endophytes of <i>Nothapodites nimmoniana</i> for feasible production of camptothecin, an anti-cancer agent	Prof. (Mrs.) N. Salim	University of Sri Jayewardenepura
15	11-113	2012	Multipurpose Self-Configurable Indoor Wireless Sensor Network for Green Buildings	Prof. D. Dias	University of Moratuwa
16	11-124	2012	Analyzing phylogenetic relationships of Sri Lankan amphibians to facilitate conservation in a Biodiversity Hotspot	Dr. M. Meegaskumbura	University of Peradeniya
17	11-127	2012	Determination of chemical composition of wet only and bulk deposition and ambient concentration of sulfur dioxide, nitrogen dioxide, and ammonia in urban and industrialized areas in Sri Lanka	Prof. H.M.D.N. Priyantha	University of Peradeniya
18	11-149	2012	Value addition and cost/benefit analysis of goat milk production with supplemental Thampala (<i>Amaranth spp.</i>) feeding to enhance fatty acids beneficial to human health with special reference to conjugated linoleic acid (CLA)	Prof. S. Premaratne	University of Peradeniya
19	11-198	2012	Effect of the presence of gamete/Embryo on the modulation of secretory proteome in the cow: Alteration by the heat stress	Prof. M.P.B. Wijayagunawardena	University of Peradeniya
20	12-005	2012	Multi –element fingerprinting and quantification of the pollution status of the Bolgoda Lake sediments	Dr.(Mrs) D. N. Wijeratne	University of Kelaniya
21	12-007	2012	Ecotourism in Sri Lanka and its impact on Communities and Bio diversity	Prof. S.W. Kotagama	University of Colombo
22	12-010	2012	Screening and treatment of garment factory workers for Carpal tunnel syndrome	Dr. M. Kommlage	University of Ruhuna
23	12-017	2012	Efficient Depiction of Video for Semantic Retrieval Applications by Dimensionality Reduction of Visual Feature Space	Dr. L. Ranatunga	University of Moratuwa
24	12-018	2012	Machine Vision Based Intelligent Surveillance System for Expressways	Dr. A. Pasqual	University of Moratuwa

25	12-022	2012	Synthesis of graphene and graphene composites from Natural Graphite for application as electronic materials	Dr. I. R. M. Kottegoda	Industrial Technology Institute
26	12-023	2012	Development of a natural gastroprotective agent from <i>Trichosanthes cucumerina</i> Linn	Dr. L.D.A.M. Arawwawala	Industrial Technology Institute
27	12-025	2012	Mobile phones on a private network for science teaching and learning in schools	Dr. T.M.S.S.Y.K. Ekanayake	University of Peradeniya
28	12-027	2012	Understanding the molecular basis of submergence tolerant traditional rice cultivars in Sri Lanka with respect to SUB 1A gene expression	Dr. A.L. Ranawaka	University of Ruhuna
29	12-029	2012	Aerated soaking for reduced leaching of organic matter in cold soaking of paddy and testing of a bio-tower for treating low strength effluent	Pof. D.A.N. Darmasena	University of Peradeniya
30	12-031	2012	Biofuel and other microbial products from cellulosic biomass	Dr. R. Rathnayake	Institute of Fundamental Studies
31	12-032	2012	Bioactive metabolites from some selected Sri Lankan fruits and their associated fungi: possible uses in agricultural, pharmaceutical and functional food products	Prof. U. L. B. Jayasinghe	Institute of Fundamental Studies
32	12-037	2012	1. Developing herbicide resistant (HR) Sri Lankan rice (<i>Oryza sativa</i> L.) varieties by means of seed/anther mutagenesis and developing molecular markers to identify HR rice	Dr. S.R. Weerakoon	Open University of SL
33	12-043	2012	Assessment of the ecological and economic importance bambara honeybee (<i>Apis dorsata</i> : apidae); a major pollinating species now facing destruction due to misunderstood concepts and mismanagement	Dr. R.W.K.Punchihewa	University of Ruhuna
34	12-048	2012	Normal morphology and morphometry of the prostate gland and study of Benign Prostatic Hyperplasia: proportion, treatment modalities and outcomes at selected tertiary care centre and private hospitals in Western province, Sri Lanka	Prof. S.G. Yasawardena	University of Sri Jayewardenepura

35	12-050	2012	Effect of Hermetic storage on physico-chemical and functional properties of grain legumes	Dr. B. D. R. Prasantha	University of Peradeniya
36	12-053	2012	An investigation of the toxicity of nitrates, phosphates and selected heavy metals on freshwater organisms	Dr. M. R. Wijesinghe	University of Colombo
37	12-068	2012	Screening of Fragile X pre-mutation among individuals attending special education institutes - a community survey	Prof. H. Perera	University of Colombo
38	12-071	2012	The effect of water quality and climate factors on pathogenesis of CKDu	Dr. A.M.S.D. Dissanayake	University of Peradeniya
39	12-074	2012	Commercial software product development methodologies for Sri Lankan universities	Dr. M. Jayawardena	University of Colombo
40	12-075	2012	Railway Traffic Optimization System	Dr. K. De Zoysa	University of Colombo
41	12-077	2012	Studies on factors contributing to pathogenesis of severe leptospirosis in Sri Lanka	Dr. S. M. Handunnetti	University of Colombo
42	12-081	2012	Bioactivity studies and activity guided separation of anti-inflammatory compounds from <i>Alpinia calcarata</i> rhizome and leaf	Dr. (Mrs.) S. Chelvendran	Industrial Technology Institute
43	12-082	2012	Nanotechnology to improve efficiency of Organic Bulk Heterojunction Solar cells	Dr. B.G.L.T. Samaranayake	University of Peradeniya
44	12-092	2012	Development of an optical whole cell microalgal-cyanobacterial array biosensor to assess the bioavailable toxic heavy metals in aquatic systems	Dr. I. V. N. Ratnayake	University of Kelaniya
45	12-093	2012	Modification of Carbon Surfaces Using Organic Substrates for Advanced Materials and Heavy metals uptake	Dr. P. Abiman	University of Jaffna
46	12-096	2012	Background food and nutritional studies on millets in Sri Lanka	Dr. G.A.P. Chandrasekara	Wayamba University of SL
47	12-098	2012	Spatial modeling of elephant movement for identification of elephant corridors and prediction of corridor change in case of a disturbance	D. K. Dayawansa	University of Peradeniya

48	12-104	2012	Restoration of ancient Ruhunu Rata tank system to meet the future water demand and livelihood developments as an adaptable strategy to overcome the impacts of climate change	Dr. D.G.T. Priyadarshana	University of Ruhuna
49	12-109	2012	Investigation of gel polymer electrolytes as cation and anion conductors to be used for possible applications	Dr. G. A. K. S. Perera	Wayamba University of SL
50	12-110	2012	Formulation of Suitable Organic Acid Blend to control Salmonellosis in Poultry	Dr. S.S.P. Silva	University of Peradeniya
51	12-114	2012	Polyphenols from refuse tea and green tea dust for clinical applications: enhancing activity of antibiotics against common drug-resistant pathogens and inhibition of biofilm formation	Prof. B.M.R. Bandara	University of Peradeniya
52	12-115	2012	Mathematics in indigenous knowledge in Sri Lanka	Dr. J. Wijeratne	University of Colombo
53	12-122	2012	Characterization of Soils in the Northern region of Sri Lanka to develop a soil data base for land use planning and environmental applications	Dr. R. B. Mapa	University of Peradeniya
54	12-125	2012	Contamination of paddy soils by toxic trace metals due to long term application of fertilizer	Dr. S.K. Gunathilake	Sabaragamuwa University of SL
55	12-129	2012	Investigation of genetic basis for variation in flowering time among Sri Lankan traditional rice varieties	Dr. S. Geekiyanage	University of Ruhuna
56	12-133	2012	Species abundance and Physico-chemical characteristics of malaria vector breeding habitats	Dr. M. Hapugoda	University of Kelaniya
57	12-145	2012	Unified Framework for Healthcare Application Integration: Clinic Management Solution for Public Sector Health Service Institutes	Dr. P.P.M. Jayaweera	University of Sri Jayewardenepura
58	12-148	2012	Tagging of Yellow Vein Mosaic Virus (YVMV) resistant genes in wild okra species <i>Abelmoschus angulosus</i>	Dr. S.K.Wasala	Plant Genetic Resource Centre

1	11-064	2013	Morphological and molecular characterization and Phylogenetic analysis of sandflies of the genus <i>Sergentomyia</i> (Diptera: Psychodidae) in relation to leishmaniasis transmission in Sri Lanka	Dr. S.N. Surendran	University of Jaffna
2	12-003	2013	Improvement of the post harvest storage life of banana using novel strategies and technology transfer to banana industry	Prof. (Mrs.) K. Abeywickrama	University of Kelaniya
3	12-012	2013	Development of Commercially important natural antioxidant preparations based on coconut cake to stabilise and improve the nutritional quality	Prof. K. Seneviratne	University of Kelaniya
4	12-020	2013	Exploring winter monsoon variability using marine and terrestrial proxies	Dr. P.N. Ranasinghe	Geological Survey and mines Bureau
5	12-038	2013	Effect of single dose intravenous methyl prednisolone in adult patients who develop severe dengue during febrile phase, a double blind placebo control trial	Prof. R. Premaratne	University of Kelaniya
6	12-054	2013	Application of extracts from selected species, herbs, and medicinal plants to reduce cross contamination of food borne bacteria and to extend the shelf life of ready to cook marinated chicken meat	Dr. Nimsha Weerakkody	Open University of SL
7	12-086	2013	Sustainable solutions to problems encountered in treatment and management of oil and grease from food industry, hotel and restaurant wastewater	Dr. J. Manatunge	University of Moratuwa
8	12-100	2013	Validation and Value Addition of Bio-active Natural Ingredients for Industrial Applications	Dr. R. Samarasekera	Industrial Technology Institute
9	12-102	2013	Chemico-geography of selenium and its impact on food chain quality and animal health in Sri Lanka	Dr. R.L.R. Chandrajith	University of Peradeniya
10	12-106	2013	Immunopathological characterization of multiple sclerosis in Sri Lanka	Dr. H.M.A. Sominanda	University of Peradeniya

11	12-113	2013	Molecular and biochemical characterization of Sri Lankan pomegranates and expression analysis of major hydrolyzable tannin genes under different environmental conditions and maturity stages to popularize cultivation in Sri Lanka	Dr. P.M.P.C.G. Bandaranayake	University of Peradeniya
12	12-116	2013	Comparative Analysis of Disinfection By-Products Formation Mechanism with other Water Quality Parameters to Minimize the Health Effect	Dr. S. K. Weragoda	National Water Supply and Drainage Board
13	12-121	2013	Chromosome evolution of the endemic species of Sri Lanka with emphasis on families Anacardiaceae, Ebenaceae, Orchidaceae and Zingiberaceae	Prof. D. M. D. Yakandawala	
14	12-130	2013	Development of Unit Process for Chemical Removal of Nitrate from Drinking Water	Prof. R. Weerasooriya	University of Peradeniya
15	12-140	2013	Genetic mutations responsible for isoniazid(INAH) resistance in Mycobacterium tuberculosis, Development of a rapid molecular method for detection of INAH resistance and study of molecular epidemiology of INAH resistant strains of M. tuberculosis in Sri Lanka	Prof. J. Perera	University of Colombo
16	13-016	2013	Removal of Toxic metals from Industrial wastewater using Agro-based waste products - A laboratory stimulated study	Dr. S.K. Gunathilake	Sabaragamuwa University of SL
17	13-031	2013	Determination of the etiology of tapering disorder of coconut (Cocos nucifera L.) and molecular characterization of the causal agent	Dr. Lalith Perera	Coconut Research Institute
18	13-032	2013	Determination of the effects of heat and water stress on fertility of female and male reproductive organs of coconut (Cocos nucifera L.)	Dr. C.S. Ranasinghe	Coconut Research Institute
19	13-033	2013	Baseline assessment of micronuclei formation and chromosomal aberration as an index of exposure to natural radiation in the Sri Lankan population	Dr. Senani Williams	University of Kelaniya

20	13-042	2013	Neuro-endocrine syndrome in patients on long term antipsychotic treatment	Dr. Raveen Hanwella	University of Colombo
21	13-050	2013	Feasibility study of herbal plant extracts in increasing bone formation and reducing bone resorption in both in vitro and in vivo.	Dr. C.N.R.A. Alles	University of Peradeniya
22	13-056	2013	Estimation of carbon fluxes for the South Asian region using Maximum Likelihood Ensemble Filter (MLEF)	Dr. R.S. Lokupitiya	University of Sri Jayewardenepura
23	13-062	2013	Floristics, heavy metal tolerance and phytomining potential of serpentine flora of Sri Lanka	Dr. Sudheera M.W. Ranwala	University of Colombo
24	13-087	2013	Development of natural adsorbents for heavy metal and textile dye contaminated wastewater treatment	Dr. M.C.M. Iqbal	Institute of Fundamental Studies
25	13-088	2013	Assessment of pesticide residues and heavy metals in water, vegetables and milk in Nuwara Eliya district and development of mitigation techniques to minimize health hazards caused by these xenobiotics	Dr. R.A.U.J. Marapana	University of Sri Jayewardenepura
26	13-095	2013	Production of Glucose Syrup and High Protein Concentrates from locally available raw materials of broken rice, maize and manioc	Mrs. H.M.T. Herath	Industrial Technology Institute
27	13-105	2013	Biological analysis of angiogenesis tumor proliferation and tumor necrosis in hepatocellular carcinoma after trans-arterial therapy	H.D.R.C. Siriwardena	University of Kelaniya
28	13-108	2013	Genetic risk alleles for ulcerative colitis among a Sri Lankan case-control panel	Prof. R.W. Jayasekara	University of Colombo
29	13-109	2013	An evidence based model for near carbon neutral non-domestic buildings in warm humid climates	Dr. R.M.K.U. Rajapaksha	University of Moratuwa
30	13-115	2013	A randomised controlled trial investigating the effectiveness of cognitive behavior group therapy compared to a wait list control in the treatment of university students with social phobia	Dr. Shehan Williams	University of Kelaniya
31	13-121	2013	A study on Malnutrition and associated factors among children aged 1 to 5 years in Jaffna district	Prof. V. Arasaratnam	University of Jaffna

32	13-122	2013	A study on Prevalence, Demographic, Socio-economic and associated factors of Diabetis mellitus and metabolic syndrome among adults in Jaffna district	Prof. V. Arasaratnam	University of Jaffna
33	13-130	2013	High risk Human Papilloma Viral infections & the risk of developing oral and pharyngeal cancer: Immuno and Molecular epidemiologic evidence from Sri Lanka	Prof. Preethi V. Udagama	University of Colombo
34	13-134	2013	Risk of saline groundwater in the Pungudutivu island of the Jaffna Peninsula and measures for improving groundwater quality enabling sustainable utilization of the resource	Dr. L.D. Rajasooriyar	University of Jaffna
35	13-145	2013	Comparative antimicrobial resistance patterns and genotypes of Escherichia coli isolates associated with acute diarrhoea in humans, healthy poultry and retail chicken products in a selected area of Sri Lanka	Dr. R.N. Jinadasa	University of Peradeniya
36	13-152	2013	Analysis of the significance of invasive front characteristics in relation to prognosis of oral squamous cell carcinoma	Dr. B.S.M.S. Siriwardena	University of Peradeniya
37	13-156	2013	Effect of hydrological regimes on fish yield and livelihood of fishing communities of Victoria reservoir and implications for management	Prof. C.M.B. Dematawewa	University of Peradeniya
38	13-158	2013	Utilization of microbial antagonism in controlling anthracnose disease in chilli	Dr. N. P. Ranathunge	University of Ruhuna
39	13-159	2013	Assess the possibility of reducing fertilizer subsidy by enhancing other influential factors	Dr. C.S. Herath	Coconut Research Institute
40	13-160	2013	Evaluation of water quality and macroinvertebrate composition in relation to catchment land use practices in Uma oya & Badulu oya sub catchments in Upper Mahaweli Catchment Area (UMCA) in Sri Lanka	Dr. J. M. C. K. Jayawardena	Sabaragamuwa University of SL
41	13-164	2013	Strengthening of Capacity and assessment of life cycle carbon footprint of main agricultural export products of Sri Lanka in relation to climate change	Dr. E. Lokupitya	University of Colombo

1	13-015	2014	Utilization of Environmental pollutants And Biomass Byproducts for the production of Biofuels and Industrial Chemicals using Heterogeneous Nano Catalysts	Dr. M. Y. U. Ganehenage	University of Peradeniya
2	13-059	2014	Effect of Endocrine disrupting fungicide "Mancozeb" (metaethylene-bis-dithiocarbamate) on human endometrial receptivity & fertility	Dr. Suranga Kodituwakku	University of Peradeniya
3	14-013	2014	In vitro assay-guided Identification of Functional Food and Nutraceuticals from Sri Lankan Plant Products	Dr. V.Y. Waisundara	Institute of Fundamental Studies
4	14-015	2014	DC networks for Energy Efficiency and Renewable Additions	Prof. J.B. Ekanayake	University of Peradeniya
5	14-016	2014	Hydroxyapatite (HAp) coated iron oxide nanoparticles for controlled and targeted delivery of drugs for cancer and other diseases	Dr. W. R. M. de Silva	University of Colombo
6	14-019	2014	Assessment of Municipal Solid Waste Compost (MSWC) as a soil amendment with respect to physicochemical and biological aspects and development of management strategy for potential constraints.	Dr. D.A.L. Leelamanie	University of Ruhuna
7	14-023	2014	Multi-scale modelling of fibre composites, carbon nanotube systems and thin films	Dr. H.M.Y.C. Mallikarachchi	University of Moratuwa
8	14-027	2014	Study on body fat and its relation to Non Communicable Disease related metabolic derangement in Sri Lankan children	Dr. M.G. Sathiadass	University of Jaffna
9	14-038	2014	The impact of a pharmacist-led patient management in improving chronic non communicable diseases in rural and urban outpatient settings in Sri Lanka	Dr. S.F. Jayamanne	University of Kelaniya
10	14-043	2014	Investigating the precursors and appearance of banana and rice cultivation in Sri Lanka: with the background of long-term climate and environmental changes	Dr. R. Premathilake	University of Kelaniya

11	14-045	2014	Determination of resistance mechanisms and the genes coding for such resistance in clinically significant Enterobacteriaceae isolated from urine at a state tertiary care referral hospital and a private hospital in Sri Lanka	Dr. E. Corea	University of Colombo
12	14-061	2014	The effect of six pesticides on development, behavior and immune response in the Asian hive bee, <i>Apis cerana</i> .	Dr. C.I. Clayton	Institute of Fundamental Studies
13	14-067	2014	Cancer stem cells targeted drug leads from Sri Lankan endemic plants for breast cancer	Dr. S.R. Samarakoon	University of Colombo
14	14-069	2014	Determination of genetic variants associated with G6PD enzyme deficiency in selected Sri Lankan populations	Dr. G.S.A. Gunawardena	University of Colombo
15	14-072	2014	How the Genetic Diversity is Produced in Mountains of Sri Lanka and its Implications for the Management of Montane Biodiversity	Dr. B.S.S. Seneviratne	University of Colombo
16	14-079	2014	Generation of new knowledge for a sustainable industry: blue swimming crab fishery off northern Sri Lanka	Dr. M.D..S.T. de Croos	Wayamba University of SL
17	14-094	2014	Dengue vector control in Sri Lanka: Occurrence of 'kdr' type mutations and wolbachia in <i>Aedes</i> vector mosquito populations, and the effect of insecticide fogging on insect pollinators.	Prof. S.H.P.P. Karunaratne	University of Peradeniya
18	14-105	2014	Identification of the prevalence of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) in pig farms, farm employees and characterization of isolates in selected areas of Sri Lanka	Dr. R.S. Kalupahana	University of Peradeniya
19	14-117	2014	Functional and Comparative Genomics of Grain Number, Plant Height, and Heading date 7 (<i>Ghd7</i>) in Sri Lankan Rice Varieties and Its Role in Conferring Abiotic Stress Tolerance	Dr. H.M.V.G. Herath	University of Peradeniya
20	14-123	2014	Quadrotor-Wing Novel Hybrid Unmanned Aerial Vehicle with vertical take-off and landing capability.	Prof. S.R. Munasinghe	University of Moratuwa
21	14-125	2014	Influence of Tropical Environment conditions and materials on plastic shrinkage cracking of concrete	Dr. H.P. Sooriyaarachchi	University of Ruhuna

22	14-134	2014	Integrated Probabilistic Analysis and Assessment of the Risks of Inundation from Tsunami, Storm Surges and Sea Level Rise for Vulnerable Coastal Areas of Sri Lanka	Dr. J.J. Wijetunge	University of Peradeniya
23	14-139	2014	Performance based approach for building indoor thermal comfort of naturally ventilated buildings in Sri Lanka	Prof. R.A. Attalage	University of Moratuwa
1	15-004	2015	Kinetic study of hydroxyapatite-organic hybrid system using Quarts Crystal Microbalance (QCM)	Dr. Dilushan R. Jayasundara	University of Colombo
2	15-007	2015	Development of Sri Lankan natural vein graphite for the anode application in rechargeable batteries	Dr. H.W.M.A.C. Wijayasinghe	NIFS
3	15-008	2015	An outstanding renewable source of bioactive natural products from endolichenic fungi in mangrove ecosystem of Puttalam lagoon	Prof. Priyani Paranagama	University of Kelaniya
4	15-013	2015	Multiplication and distribution of threatened Nymphaea nouchali Burm. f., the national flower of Sri Lanka, to prevent its extinction	Dr. P.I. Prasanthi Perera	Wayamba University of SL
5	15-017	2015	Postmortem Toxicological Analysis of Cadmium and Arsenic levels in kidney and hair samples of deceased individuals from selected areas in the Colombo district	Dr. Sameera Anuruddha Gunawardena	University of Colombo
6	15-020	2015	Enhancement of shelf life of fish and fishery products by gamma irradiation	Dr. E.M.R.K.B. Edirisinghe	Rajarata University of SL
7	15-022	2015	Removal of nitrates and phosphates from drinking water using chemically and physically modified silicate materials	Prof. Sithy S. Iqbal	Open University of SL
8	15-023	2015	Effects of menopause on bodily structure, functions and physical health	Prof. Sarath Lekamwasam	University of Ruhuna
9	15-024	2015	Potential use of municipal solid waste derived biochar as a cover and permeable reactive barrier material for the remediation of volatile organic compounds in landfills	Dr. Sewwandi Gamage	NIFS

10	15-027	2015	In vitro evaluation of biocompatibility of hydroxyapatite nanoparticles deposited on self-formed titanium dioxide thin-layer on titanium surfaces	Dr. H.M.T.U. Herath	University of Peradeniya
11	15-028	2015	Investigation of medicinal plants with anticancer activity and immunomodulation	Prof. R.P.V.J. Rajapakse	University of Peradeniya
12	15-030	2015	Identification of parents for the development of core-collections of sugarcane for breeding for high yield and disease resistance	Dr. Aruna Wijesuriya	SRI
13	15-032	2015	Lightning Surge Protection with special attention to ground enhancing materials	Dr. I.M.K. Fernando	University of Colombo
14	15-033	2015	TP53 mutation in selected cancers: Analysis of mutation at RNA and protein level and in cell free DNA	Dr. Sumadee De Silva	IBMBB
15	15-036	2015	Investigation into circulatory un metabolised folic acid in folic acid supplemented pregnant women and their off spring	Dr. S. Tharanga Thoradeniya	University of Colombo
16	15-041	2015	Research and development of Cu ₂ ZnSnS ₄ and Cu ₂ O based low cost thin film solar cell devices using electrodeposition technique	Dr. L.B.D.R.P. Wijesundara	University of Kelaniya
17	15-043	2015	Determining the role of dengue NS1 in the pathogenesis of dengue infections	Dr. Gathsaurie Neelika Malavige	University of Sri Jayewardenepura
18	15-045	2015	Long term effects of intrauterine exposure to maternal diabetes mellitus on anthropometric and cardiometabolic parameters in the offspring at 10 years of age in Colombo district	Dr. H.M.R.P. Herath	University of Kelaniya
19	15-048	2015	A study to assess the improvement of management outcomes in Chronic Kidney Disease of uncertain aetiology by introducing clinical pharmacy services to out-patient clinics in Sri Lankan hospitals	Dr. Shamila T. De Silva	University of Kelaniya
20	15-050	2015	Increasing the value of sea cucumber harvests by improving postharvest processing and marketing	Dr. D.C.T. Dissanayake	University of Sri Jayewardenepura

21	15-056	2015	Study of persistence of Glyphosate in water in Chronic Kidney Disease of unknown etiology (CKDu) affected areas and suitability of Ozonation as a Glyphosate removal technique	Dr. W.B. Gunawardana	University of Moratuwa
22	15-057	2015	Insight in to pathogenesis of Chronic Kidney Disease of unknown etiology (CKDu): RNA-Seq based transcriptome analysis and SNP profiling	Dr. Manori Saumya Wickramasinghe	University of Peradeniya
23	15-058	2015	Biofouling assemblage and invasive potential of non indigenous species in Colombo port and adjacent coastal waters: A risk assessment	Dr. R.R.M.K.P. Ranatunga	University of Sri Jayewardenepura
24	15-063	2015	Ligand responsive MarR homologs as novel drug targets against Mycobacterium tuberculosis	Dr. Inoka C. Perera	University of Colombo
25	15-068	2015	Development of an Active Lower-Limb Prosthetic Device	Dr. S.W.H.M.T.D. Lalitharatne	University of Moratuwa
26	15-069	2015	N- Acetyl Cysteine (NAC) in severe leptospirosis – A randomized controlled clinical trial	Prof. Senaka Rajapakse	PGIM
27	15-070	2015	Effectiveness of propranolol in the treatment of resistant hypertension	Dr. Godwin Constantine	University of Colombo
28	15-071	2015	Indicator based identification and forecasting of droughts in Sri Lanka	Dr. Bandupali Wasana Wijesuriya	RRI
29	15-074	2015	Service-oriented Framework for software evolution analysis and visualization	Dr. G.D.S.P. Wimalaratne	UCSC
30	15-075	2015	Application of stable isotope techniques to monitor and source identification of organic and inorganic air pollution in urban and rural sites in Sri Lanka using moss (<i>Hyophila involuta</i>) and particulate matter	Dr. M.P. Deeyamulla	University of Kelaniya
31	15-078	2015	Gel-Polymer Electrolytes for Sodium batteries	Prof. P. Ravirajan	University of Jaffna

32	15-084	2015	Incidence and life histories of dipterans causing Myiasis in patients admitted to the surgical wards of Peradeniya Teaching Hospital	Dr. W.A.I.P. Karunaratne	University of Peradeniya
33	15-087	2015	Identification of prevalence and pathogens of sub-clinical mastitis, development of an enzyme assay system based on enzymes found in milk for early detection of sub-clinical mastitis.	Dr. Chandrasiri Deshapriya	University of Peradeniya
34	15-089	2015	Identifying mineral deposits by analysing platinum group elements, copper and gold in sri lankan rocks	Dr. Sanjeewa P.K. Malaviarachchi	University of Peradeniya
35	15-096	2015	Sri Lankan indigenous herbal recipes for treatment of liver cirrhosis: investigation of active compounds present in identification of herbal recipes	Prof. M.P.B. Wijayagunawardena	University of Peradeniya
36	15-097	2015	Development of a model for large eddy simulation (LES) of premixed combustion in spark ignition engines	Dr. Chathura Prasad Ranasinghe	University of Moratuwa
37	15-106	2015	Low Molecular Weight Antioxidant (LMWA) activities of horticultural produce in renal tubular cells ameliorating the oxidative stress associated with Chronic Kidney Disease of Uncertain Aetiology (CKDu) in Sri Lanka	Dr. Maheshini Rangika Mawalagedera	Rajarata University of SL
38	15-108	2015	Study on the origin and evolutionary genomics of weedy rice (<i>Oryza sativa</i> f <i>Spontanea</i>) in Sri Lanka for its effective management	Dr. Disna Ratnasekera	University of Ruhuna
39	15-109	2015	Viral aetiology of gastroenteritis in children and adults in the Central and Western provinces of Sri Lanka	Prof. N.P. Sunil Chandra	University of Kelaniya
40	15-110	2015	Characterization of Sri Lankan isolates of <i>Mycobacterium bovis</i> , developing rapid diagnostic tests and assessing health status of potentially exposed farm workers	Dr. Rasika Jinadasa	University of Peradeniya

41	15-111	2015	Assessing species richness, diversity and distribution of bats and their role in pest control in selected tea plantations in Sri Lanka	Dr. Amani Mannakkara	University of Ruhuna
42	15-113	2015	Molecular epidemiology and control of infectious bronchitis virus infection in intensive and extensive poultry farming in Sri Lanka	Dr. Mohamed Naleem Mohamed Fouzi	University of Peradeniya
43	15-114	2015	Quality of life of critical illness survivors in Sri Lanka-a national study	Dr. Pubudu De Silva	National Intensive Care Surveillance
44	15-116	2015	Meshfree based multiscale numerical modelling of cellular level deformations of plant food materials during drying	Dr. H.C.P. Karunasena	University of Ruhuna
45	15-119	2015	Development of Low-cost Thermoelectric Devices for Energy Harvesting and Co-generation	Dr. N.D. Subasinghe	NIFS
46	15-124	2015	Field performance and molecular evaluation of coconut (Cocos nucifera L.) palms regenerated from somatic embryogenic cultures.	dr. H.D. Dharshani Bandupriya	CRI
47	15-127	2015	Damage detection and structural assessment of existing steel and concrete structures in Sri Lanka with emphasis on connections and support details	Prof. P.B.R. Dissanayake	University of Peradeniya
48	15-128	2015	Raining images vs discriminative features on the construction of Codebook to Recognise Visual Objects	Dr. A. Ramanan	University of Jaffna
49	15-139	2015	Use of King Coconut husk to produce an organic potassium source for agricultural use	Dr. H.M. Indika Herath	CRI
50	15-144	2015	Historical trends in averages and extremes of rainfall, temperature and runoff data of Sri Lanka.	Dr. S Pathmarajah	University of Peradeniya

51	15-145	2015	Effectiveness of a mobile phone based nutrition counselling and lifestyle modification intervention for reducing cardiovascular risks in adults in the community: A Randomized Controlled Trial	Dr. L.D.J.U. Senarath	University of Colombo
52	15-146	2015	Polarization Insensitive Phase Sensitive Amplifier for Phase Regeneration	Dr. L.W.P.R. Udayanga	University of Moratuwa
53	15-147	2015	Assessment of efficacy of floating macrophytes Eichhornia crassipes, Salvinia molesta and Pistia stratiotes in controlling nutrient content and heavy metal levels in sludge from common waste water treatment plant (CWWTP) – Biyagama - Sri Lanka.	Dr. M.D.M.D.W.M.M. K. Yatawara	University of Kelaniya
54	15-148	2015	Functional characterization of parasitic nematode ARV1 like protein by yeast complementation assays, targeted mutagenesis of evolutionary conserved residues, RNA interference assays and cellular /sub-cellular localization using sheep and goat parasite, Setaria digitata as a model organism	Prof. R.S. Dassanayake	University of Colombo
55	15-149	2015	Genotyping the Sri Lankan woman with polycystic ovary syndrome (PCOS): towards a novel diagnosis	Prof. C.N. Wijerathna	University of Colombo
56	15-150	2015	HER2 status in gastric carcinoma in a cohort of Sri Lankan patients	Prof. S. J De S. Hewavisenthi	University of Kelaniya
57	15-151	2015	Enhance Competitiveness of Small and Medium scale local Manufacturing Sector with Sustainable Manufacturing Concepts	Dr. A.K. Kulathunga	University of Peradeniya
58	15-152	2015	Removal of Heavy Metals, Fluoride and Hardness from contaminated ground water in dry zones, Sri Lanka	Dr. G.G.T. Chaminda	University of Ruhuna

59	15-153	2015	Choosing the future Sri Lankan dairy cow: Prevalence of Single Nucleotide Polymorphisms (SNPs) in fertility and production genes and their effects on postpartum cyclicity and yield	Dr. R.M.S.B.K. Ranasinghe	Wayamba University of SL
60	15-154	2015	Studies on fruit phenology, preharvest foliar treatments on fruit quality, and enhancement of postharvest life of lime (<i>Citrus aurantifolia</i> Swingle)	Dr. W.A.H. Champa	institute of Post Harvest Technology
61	15-155	2015	Treatment of textile effluents using a combination of chemical and physicochemical Processes.	Dr. S. Wanniararachchi	University of Ruhuna
1	16-001	2016	The Genetic origin (s) and distribution of the sickle cell gene and the clinical description of the sickle cell disease in Sri Lanka	Prof. Anuja P. Premawardhena	University of Kelaniya
2	16-012	2016	Establishment of a wide field telescopic system compatible with the all sky camera network for observing Near Earth Objects (NEO) entering into the atmosphere near Sri Lankan Sky	Dr. G.D.K. Mahanama	University of Ruhuna
3	16-016	2016	QTL map based candidate gene discovery for salt tolerance in rice (<i>Oriza sativa</i>)	Prof. N.S. Kottarachchi	Wayamba University of SL
4	16-020	2016	Implementing server/client- side countermeasures against compression based side- channel attacks	Dr. J.A.B. Alawatugoda	University of Peradeniya
5	16-022	2016	Condition Assessment of Generators using online partial discharge measurements	Dr. J.R.S.S. Kumara	University of Peradeniya
6	16-023	2016	A population genetic study of 12 X-STR loci in Sri Lankan population and its applicability in forensic and kinship analysis purposes	Dr. Gayani H. Galhena	University of Colombo
7	16-024	2016	Dating violence among undergraduates in Western Province: Magnitude, types, associated factors and effectiveness of an intervention in reducing violence	Dr. Andralal Balasuriya	Sir John Kotelawala Defence University

8	16-025	2016	Studies on thermotolerant acetic acid bacteria from Sri Lanka and production of fermented healthy non-alcoholic beverages	Dr. P.A.B.N. Perumpuli	University of Ruhuna
9	16-029	2016	Impact of linear developments on ecology of wildlife with special reference to roads, railways and power lines in Sri Lanka	Prof. D.K. Weerakoon	University of Colombo
10	16-031	2016	A sero-epidemiological study to provide supportive evidence to establish malaria elimination in Sri Lanka	Prof. D.R. Wickramasinghe	University of Sri Jayewardenepura
11	16-033	2016	Assesment of behavioural and reproductive responses of coconut mites to coconut varieties and relationship of volatile organic compounds, lipid profiles and phenolic compounds of coconut varieties with their susceptibility levels to coconut mite	Dr. N.S. Aratchige	CRI
12	16-038	2016	Identification of reliable method for laboratory diagnosis of tuberculosis using nasopharyngeal swabs and saliva of PPD positive cattle and buffalo	Dr. P.S. Fernando	VRI
13	16-044	2016	A novel ultrasound technique to detect early chronic kidney disease	Dr. J.P. Wansapura	University of Colombo
14	16-052	2016	A brief intervention for prevention of non-fatal self- poisoning delivered primary care nurses -a randomised controlled trial	Dr. T.N. Rajapakse	University of Peradeniya
15	16-054	2016	Investigation on ecological and socio- economic impacts of bamboo (<i>Bambusa bambos</i> L. Voss) in dry zone forests in Sri Lanka	Dr. H.M.S.P. Madawala	University of Peradeniya
16	16-059	2016	Species diversity and the potential vector status of Ornithophilic mosquitoes in Sri Lanka	Dr. W.A.P.P. de Silva	University of Peradeniya
17	16-071	2016	Characterization and purification of bacteriocin produced by lactic acid bacteria isolated from natural fermented food products	Dr. R. Kapilan	University of Jaffna
18	16-072	2016	Optimizing Dendrimer Architecture for Drug Entrapment	Dr. R.J.K.U. Ranatunga	University of Peradeniya

19	16-075	2016	Developing botanical nitrification inhibitors to reduce nitrogen fertilizer wastage in vegetable crop cultivation	Dr. W.S. Dandeniya	University of Peradeniya
20	16-078	2016	Cyanotoxins: Hidden cause of Chronic Renal Disease in Sri Lanka	Dr. M.M. Pathmalal	University of Sri Jayewardenepura
21	16-080	2016	Sero- prevalence of anti-varicella IgG and factors associated with immunity in pregnant mothers attending antenatal clinics of De Soyza Maternity Hospital, Sri Lanka	Dr. I. Premathilake	University of Colombo
22	16-086	2016	Cost-effectiveness of three approaches to hysterectomy for benign uterine conditions: a multi centre randomized controlled trial	Prof. P.S. Wijesinghe	University of Kelaniya
23	16-087	2016	Novel approach to improve the omrگا 6: omega 3 fatty acid ratio in Sri Lanka diets: Eggs and broiler chicken meat	Dr.S.M.C. Himali	University of Peradeniya
24	16-094	2016	Metal oxide nanocomposites supported on reduced graphene oxide for enhanced photocatalytic reactions	Prof. J.K.D.S. Jayanetti	University of Colombo
25	16-098	2016	Establishment of geomagnetic field measuring station in Sri Lanka	Prof. K.P.S.C. Jayaratne	University of Colombo
26	16-101	2016	Application of nano-clay on polyester fabric as a bio-inspired approach to improve moisture management	Dr. W.P.S.K. Perera	University of Moratuwa
27	16-123	2016	Synthesis of Value-added Products including Nanomaterials from Sri Lankan Laterite for Industrial Applications	Dr. P.G. Manthilaka	SLINTEC
28	16-128	2016	Ecotourism in Coastal Wetlands: Meeting the Dual Mandates of Recreation and Conservation	Dr. K.P. Perera	University of Sri Jayewardenepura
29	16-129	2016	Investigation of the potential of employing indigenous microalgae for third generation biofuel production	Dr. H.L.T.U. Ariyadasa	University of Peradeniya
30	16-138	2016	Further work on production of high quality graphene based materials from local graphite for high-tech application	Dr. I.R.M. Kottegoda	ITI

31	16-142	2016	Establishment of insectary facilities for the maintenance of potential leishmaniasis vectors and study on systematics, biology and bionomics of sandflies in Sri Lanka	Dr. P.A.D.H.N. Gunathilaka	University of Kelaniya
32	16-144	2016	Phytoremediation of used lubricating oil contaminated soils by <i>Impatiens balsamina</i> L. and <i>Crotalaria retusa</i>	Dr. K. Masakorala	University of Ruhuna
33	16-149	2016	Investigation of flexural and shear behavior of innovative Cold-formed steel beams with web openings	Dr. K.S. Wanniarachchi	University of Ruhuna
34	16-152	2016	Multivariate geo-statistical analysis of heavy metals in biotic and abiotic factors in Batticaloa lagoon.	Prof. Periyathamby Vinobaba	Eastern University of SL
1	17-006	2017	Value addition to Sri Lankan natural rubber in the field of Power and Energy	Prof. G. A. K. S. Perera	Wayamba University of Sri Lanka
2	17-007	2017	Using Nano/micro-capsules for Self-healing Epoxy Composites	Dr. R. T. De Silva	Sri Lanka Institute of Nanotechnology
3	17-008	2017	Risk assessment of foodborne pathogens in food commodities available in the Sri Lankan market and application of biocontrol measures to ensure food safety	Dr. J.M.K.J.K. Premarathne	Wayamba University of Sri Lanka
4	17-010	2017	Analysis of pesticide residues and evaluation of some beneficial effects along with farmer perception of an eco-friendly crop management package for chilli and tomato in comparison to existing commercial cultivation practices conducted in Sri Lanka	Dr. D. M. De Costa	University of Peradeniya
5	17-011	2017	Development of baseline soil information system for soil C and other nutrients for paddy growing soils in Sri Lanka	Dr. R. R. Ratnayake	National Institute of Fundamental Studies
6	17-017	2017	Rapid multiplication and Production of Agarwood Fragrant Constituents by Plant Cell and Tissue Culture of <i>Gyrinopsis walla</i>	Prof. J. P. Eeswara	University of Peradeniya

7	17-018	2017	Design and Development of a Soft Orthotic Device for Lower Limb and Spinal Assistance	Dr. K.V.D.S. Chathuranga	University of Moratuwa
8	17-019	2017	Launching a Greenhouse Gas Emissions Technology Evaluation Center (GRETEC)"	Dr. D. T. K. K. Chamindu	University of Peradeniya
9	17-020	2017	Mutations and polymorphisms of mitochondrial genes as risk factors for sporadic breast cancer in Sri Lankan patients of Sinhalese ethnicity	Prof. K. H. Tennekoon	Institute of Biochemistry Molecular Biology and Biotechnology (IBMBB)
10	17-025	2017	Baseline concentrations, solubility and spatial variability of potentially toxic trace elements in soils in Up- and Mid-country Wet zone in Sri Lanka	Dr. A.M.C.P.K. Attanayake	University of Peradeniya
11	17-027	2017	Taxonomic revisions of jumping spider subfamilies Ballinae and Spartaeinae of Sri Lanka based on morphology and DNA barcodes	Prof. S.P. Benjamin	National Institute of Fundamental Studies
12	17-028	2017	Igneous rocks in the Mannar Basin as potential evidence from Sri Lanka for the juxtaposition of the Reunion Hotspot and the impacts of the igneous rocks on the hydrocarbon exploration in the Mannar Basin	Dr. D. M. U. A. K. Premarathne	University of Ruhuna
13	17-029	2017	Development of an antidiabetic agent from <i>Coccinia grandis</i> (L.) Voigt (Cucurbitaceae) for diabetes mellitus	Dr. A. P. Attanayake	University of Ruhuna
14	17-033	2017	Combined therapeutic drug leads for antidiabetic and anti-hyperlipidaemic treatments from the selected combined medicinal plants	Dr. J. M. S. J. Menike	University of Peradeniya

15	17-037	2017	Investigation of Weathering and Erosional Processes in the Catchment of the Ma Oya Tributary of the Mahaweli River	Prof. A. L. T. Hewawasam	University of Peradeniya
16	17-038	2017	An automated system to quality control the fermentation stage in black tea manufacturing process	Dr. D. D. C. Wanniarachchi	University of Sri Jayewardenepura
17	17-042	2017	Insight for molecular Anthropology of early people in Sri Lanka: Ancient human mtDNA and Molecular sex analysis of archeological skeletal remains at Udupiyangalge and Alugalge caves	Dr. Ruwandi Ranasinghe	Institute of Biochemistry, Molecular Biology and Biotechnology (IBMBB)
18	17-047	2017	Optimization of shear retrofilling of RC beams via non-linear numerical analysis	Dr. H. D. Yapa	University of Peradeniya
19	17-054	2017	Bioactive metabolites of endophytic fungi from the medicinal plants <i>Coccinia grandis</i> , <i>Costus speciosus</i> and <i>Gymnema sylvestre</i> used in indigenous medicine for treatment of diabetes mellitus and possible commercial applications	Prof. U. L. B. Jayasinghe	National Institute of Fundamental Studies
20	17-055	2017	Molecular characterization of carbapenemase producing enterobacteria (CPE) isolated from a tertiary care teaching hospital in Sri Lanka & validation of a rapid CPE detection protocol	Dr. Y. S. Wijayasinghe	University of Kelaniya
21	17-058	2017	Temporal variation of cyanobacterial community in fertilized and long-term unfertilized tropical rice fields	Dr. B. L. W. K. Balasooriya	Wayamba University of Sri Lanka
22	17-060	2017	Adaptation of Mechanistic Pavement Design Guide for Road Designed based on Empirical Design Methods	Prof. W. K. Mamparachchi	University of Moratuwa
23	17-064	2017	Improving effectiveness of Massive Open Online Courses (MOOCs) to meet the 21st century challenges	Dr. M. S. D. Fernando	University of Moratuwa

24	17-065	2017	Adaptive Protection of Microgrids Using Graph theory and Optimization algorithms	Dr. K. T. M. U. Hemapala	University of Moratuwa
25	17-066	2017	Ecological rehabilitation of canals in Colombo: a design to harmonize flood control and physical heterogeneity	Dr. P. I. A. Gomes	Sri Lanka Institute of Information Technology
26	17-069	2017	Intelligent wheelchair robot with human like interactive features for domestic Environments	Dr. A. G. B. P. Jayasekara	University of Moratuwa
27	17-072	2017	Evaluation of structural, rheological and mechanical properties of ternary composites of filled Thermoplastics (TP) and Skim Natural Rubber (SNR) blends: a novel route for value addition to skim natural rubber	Dr. Susantha Siriwardana	Rubber Research Institute
28	17-074	2017	Molecular phylogeny of marine macro algae (sea weeds) present in Sri Lankan coasts and isolation of anti-cancer compounds to target oral cancers from marine macro algae	Dr. M. A. P. C. Piyathilaka	Wayamba University of Sri Lanka
29	17-086	2017	The steroid profile of follicular fluid in In Vitro Fertilisation (IVF) treatment cycles with a standard controlled ovarian stimulation GnRH antagonist regimen and with adjuvant of Letrozole among women with polycystic ovary syndrome and non-PCOS, and its relationship with oocyte number, quality, fertilisation rate and implantation rate	Dr. T. S. Paliawadana	University of Kelaniya
30	17-094	2017	Avian feathers as bioindicators of exposure to toxic trace elements and links between trophic position, genetic diversity and reproductive success	Dr. N.U.A. Jayasena	University of Peradeniya

31	17-095	2017	Seed storage behaviour of fifty keystone rainforest species from Sri Lanka: Towards Conservation of Biodiversity	Dr. K. M. G. G. Jayasuriya	University of Peradeniya
32	17-098	2017	Detection of genotypes and serotypes of Leptospira isolated from severe leptospirosis patients	Prof. S. M. Handunnetti	Institute of Biochemistry, Molecular Biology and Biotechnology (IBMBB)
1	18-005	2018	Copper zinc tin sulfide (CZTS) Photovoltaic – Thermoelectric hybrid system for the fabrication of efficient solar energy conversion devices	Prof. J. Bandara	National Institute of Fundamental Studies
2	18-007	2018	Fabrication and analysis of super capacitors with low cost composite hybrid electrodes to meet the future energy challenge	Prof. K.P. Vidanapathirana	Wayamba University of Sri Lanka
3	18-008	2018	Island wide Study on Scrub Typhus genotypes, their clinical features Biochemical markers of severity and Transmitting vector species	Prof. B. A. H. R. Premaratna	University of Kelaniya
4	18-009	2018	Genetic diversity and cultivar development of Dendrobiums integrating classical and molecular biological tools	Prof. P. Senanayake	University of Kelaniya
5	18-012	2018	Investigation of aetiology, disease development and management of rough bark disease of cinnamon (Cinnamomum zeylanicum Blume)	Dr. G. G. Jayasinghe	National Cinnamon Research & Training Center
6	18-013	2018	Transdermal drug delivery via smart textiles: Development of new formulations for the controlled release of natural compounds to prevent cancer	Prof. K. M. N. De Silva	University of Colombo

7	18-028	2018	Design, analysis, and optimization of next generation fiber optic national backbone network	Dr. M. N. Dharmaweera	University of Sri Jayewardenepura
8	18-030	2018	Foetal haemoglobin induction as a treatment for β -thalassaemia	Dr. D. S. G. Mettananda	University of Kelaniya
9	18-032	2018	Production of Mosquito Repellents using Lesser-Known, Under-Utilized Volatile Oil Producing Plant Species	Dr. S. M. C. U. P. Subasinghe	University of Sri Jayewardenepura
10	18-035	2018	Effectiveness of an intervention to introduce reading skills to school children with features of dyslexia in the Gampaha District in Sri Lanka; a randomized clinical trial	Dr. S. P. Sumanasena	University of Kelaniya
11	18-043	2018	Impact of Increasing Renewable Energy Developments on the Reliability of Power Generating Systems	Dr. S. K. Abeygunawardane	University of Moratuwa
12	18-044	2018	Development of a Soft Robot Gripper with Inbuilt Sensors for Deformable Object Grasping and Tactile Feedback	Dr. R. A. R. C. Gopura	University of Moratuwa
13	18-050	2018	Cardioprotective effect of three medicinal plants against doxorubicin induced cardiotoxicity in Wistar rats and in neonatal ventricular cardiomyocytes	Dr. R. P. Hewawasam	University of Ruhuna

14	18-057	2018	Novel and Innovative Strategies to control Anopheles stephensi and other malaria vectors for prevention of reintroduction of malaria in Sri Lanka	Prof. W. Abeyewickreme	Kotelawala Defence University
15	18-063	2018	Absorption of selected pesticide residues during cooking by curry leaves available in Sri Lanka and its impact on the carotenoid compositional variation in curry leaves	Dr. D. T. Abeysinghe	The Open University of Sri Lanka
16	18-066	2018	Understanding exposure levels of volatile organic compounds and fine particulate matter while commuting in Kandy city	Dr. M. A. Elangasinghe	University of Peradeniya
17	18-077	2018	Modeling and description of compact astrophysical objects using Einstein's field equations	Prof. S. Thirukkanesh	Eastern University of Sri Lanka
18	18-079	2018	Isolation and identification of environmental Burkholderia pseudomallei and comparative analysis of major virulent associated genes from clinical isolates of infected Sri Lankan Melioidosis patient	Dr. A. D. de Silva	General Sir John Kotelawala Defence University
19	18-080	2018	Developing and validating a speech sound (articulation and phonology) assessment for Sri Lankan Tamil-speaking children aged 3 to 6 years	Dr. S. Hettiarachchi	University of Kelaniya
20	18-083	2018	Development of a phototrophic-heterotrophic biofilm/mat for the detoxification and removal of Chromium in waste water	Dr. I. V. N. Rathnayake	University of Kelaniya

21	18-084	2018	Identification of drought tolerant coconut mother palms through phenotypic, physiological and gene expression studies	Dr. M. G. M. K. Meegahakumbura	Coconut Research Institute
22	18-088	2018	Effect of priming of rubber (<i>Hevea brasiliensis</i>) plants with some natural or chemical compounds on growth and abiotic stress alleviation under sub-optimal climatic conditions in Ampara District of Sri Lanka	Dr. N. M. C. Nayanakantha	Rubber Research Institute
23	18-091	2018	In-silico mining for resistance gene analogs and identification of genetic resources for blast disease resistance in the local finger millet germplasm	Dr. H A C K Ariyaratna	University of Peradeniya
24	18-094	2018	Extraction, purification and chemical characterization of inulin-type fructans from three <i>Asparagus</i> species (<i>A. falcatus</i> , <i>A. racemosus</i> , and <i>A. officinalis</i>) grown in Sri Lanka, and their utilization as potential prebiotic ingredients in dairy products	Dr. D. C. Mudannayake	Uva Wellassa University
25	EWC 18-002	2018	Use of <i>Artemisia vulgaris</i> (L) as an eco-friendly and economically-viable component in integrated management of weeds, insect and mite pests and nuisance pests in tea fields of Sri Lanka	Prof. Buddhi Marambe	University of Peradeniya
26	EWC 18-003	2018	Microbial metabolites - a source for development of eco-friendly new weedicides	Prof. U. L. B. Jayasinghe	National Institute of Fundamental Studies
27	EWC 18-004	2018	Development of eco-friendly integrated weed management system for rice farming	Dr. H. M. S. Herath	Rice Research Station

	28	EWC 18-005	2018	Investigations on eco-friendly cultural , physical and allelopathic weed management strategies for tea cultivation as alternatives for synthetic herbicides	Dr. K. G. Prematilake	Uva Wellassa University
	1	19-005	2019	Supplement effect of Cherukurinja (<i>Gymnema lactiferum</i>) on glycemic control and on selected biochemical and physiological parameters among patients with type ii diabetes mellitus	Dr. S. Balakumar	University of Jaffna
	2	19-006	2019	Examination of the state of food literacy education and food environment in Sri Lankan secondary schools	Prof. K.D.R.R. Silva	Wayamba University of SL
	3	19-019	2019	Development of a model to simulate the sustainability of infrastructure using life cycle approach	Dr. Shiromi Karunaratne	Sri Lanka Institute of Information Technology
	4	19-028	2019	Identification and characterization of etiological agents of brugian filariasis in Sri Lanka and their vectors	Prof. B.G.D.N.K. De Silva	University of Sri Jayewardenepura
	5	19-030	2019	Genetic analysis for predictive markers for hepatocellular carcinoma (HCC) in non-alcoholic steatohepatitis (NASH) related cirrhosis	Dr. A.S. Hewage	Institute of Biochemistry, Molecular Biology and Biotechnology
	6	19-032	2019	Development of new Thermo-Electric (TE) materials for automobile heat recovery applications	Dr. M.A. Wijewardane	University of Moratuwa
	7	19-033	2019	Evaluation of potential health enhancing properties of edible flowers available in Sri Lanka	Dr. K.D.P.P. Gunathilake	Wayamba University of SL
	8	19-040	2019	Development of a network of subsoil sensors and drones for crop surveillance	Dr. S.J. Sooriyaarachchi	University of Moratuwa
	9	19-045	2019	Characterization of porosity distribution in porous concrete with compaction energy	Dr. D.N. Subramaniam	University of Jaffna
	10	19-046	2019	Efficacy and welfare of Aversive Geofencing Devices for managing the movements of Asian elephants	Prof. Saman Seneweera	National Institute of Fundamental Studies

11	19-050	2019	Comprehensive biochemical and molecular analysis of patients suspected with inherited hemolytic anemia in Sri Lanka and assessment of its contribution to anemia burden in the community	Dr. P.S. Perera	University of Kelaniya
12	19-051	2019	Development of an environmentally friendly high efficient low cost Cu ₂ O homojunction solar cell	Dr. L.B.D.R.P. Wijesundera	University of Kelaniya
13	19-052	2019	Enhancing soil fertility in degraded rubber lands by combine use of agro management practices such as inorganic fertilizer, biofertilizer, cover cropping and mulching with organics	Dr. R.P. Hettiarachchi	Rubber Research Institute
14	19-054	2019	Investigation of cultivar dependent dynamics of seed metal ion content and identification of prospective genetic candidates for nutritional quality improvement in Sri Lankan rice germplasm	Dr. Prasad Senadheera	The Open University of Sri Lanka
15	19-058	2019	A needs assessment study of young and mid-career academics in Sri Lankan Universities aiming at evidence-based decision making	Dr. Y.D. Siriwardana	UOC
16	19-061	2019	DNA Barcoding, Morphological Taxonomy and Phylogeny of <i>Syzygium</i> spp. of Family Myrtaceae in Sri Lanka: Implications for Conservation and Sustainable Exploitation.	Dr. R.A.S.W. Ranasinghe	National Herbarium
17	19-062	2019	Genetic diversity and relationship among agronomically locally adapted black pepper (<i>Piper nigrum</i>) accessions from selected localities in Sri Lanka and their endophytes, applied to biotic stress tolerance and growth promotion	Prof. T.D. Silva	
18	19-065	2019	Development of a colourimetric reverse transcription Loop-mediated isothermal amplification (RT-LAMP) assay as a cost-effective, novel surveillance tool for differential detection of dengue serotypes in <i>Aedes</i> mosquitoes	Dr. Hasitha Tissera	National Dengue Control Unit

19	19-072	2019	Determination of the variation of soil carbon dynamics and soil physico-chemical properties in tropical rainforests and tropical montane forests in Sri Lanka across an altitudinal gradient	Prof. H.M.S.K. Herath	Uwa Wellassa University of Sri Lanka
20	19-075	2019	Bioethanol production from marine algae	Dr. A. Vengadaramana	University of Jaffna
21	19-076	2019	Development of irradiated multivalent chicken coccidial oocyst vaccine in Sri Lanka in order to minimize drug residues in poultry products	Dr. W.D.D. Fernando	University of Peradeniya
22	19-080	2019	Computational Optimization of Deep Neural Networks in a Digital Signal Filtering Perspective	Dr. B.K.R.P. Rodrigo	University of Moratuwa
23	19-081	2019	Analyzing the phylogenetic relationships of Sri Lankan Agamid Lizards to facilitate their conservation.	Dr. Nayana Wijayathilaka	University of Sri Jayewardenepura
24	19-089	2019	Analysis of multidrug resistant Extra intestinal Pathogenic Escherichia coli clones in humans and animals in Sri Lanka and determine the potential of developing a vaccine to eliminate the clones	Dr. D.R.A. Dissanayake	University of Peradeniya
25	19-090	2019	Synthesis of modified Zeolite for catalytic converting and removal of NO _x , SO _x and CO from the vehicle exhaust	Dr. I.P.L. Jayarathna	National Institute of Fundamental Studies
26	19-092	2019	Petrogenesis, geochemistry and potential of economic mineralization of granitic pegmatite in Sri Lanka	Dr. P.L. Dharmapriya	University of Peradeniya
27	19-095	2019	Characterization of proteins from underutilized Sri Lankan seaweeds and application as protein alternatives in bakery foods	Dr. W.L.I. Wijesekara	University of Sri Jayewardenepura
28	19-099	2019	A “One Health” approach: the epidemiology of methicillin-resistant Staphylococcus aureus isolated from humans, animals and animal products in southern Sri Lanka	Prof. Ajith De S. Nagahawatte	University of Ruhuna
1	19-007	2020	Development of Nutritious and healthy food corners for the children / adolescences	Dr. H. M. T. Herath	Industrial Technology Institute
2	19-024	2020	Synthetic Biology approaches for the synthesis of strictosidine derived anticancer compounds	Dr. S. D. N. K. Bathige	Sri Lanka Institute of Nanotechnology

3	19-060	2020	Conversion of natural and synthetic carbon based polymers to the conductive carbon nanomaterials by photonic, plasma and thermal treatments, and use them in possible electronic applications	Dr. W. P. S. L. Wijesinghe	Sri Lanka Institute of Nanotechnology
4	19-064	2020	Fabrication of Intelligent Textile Garment for Diabetes Patients with Features of Blood Glucose Sensing, Monitoring, Data storage and Drug Delivery Systems combined with a mobile app	Dr. M. M. M. G. P. G. Mathilaka	University of Peradeniya
5	20-007	2020	Investigation of the potential use of bryophytes as climate change indicators	Dr. N. C. S. Ruklani	No.22, Niyandagala, Peradeniya
6	20-010	2020	Shift in species composition and diversity of bee pollinators and natural enemies while enhancing crop yield in a highly dynamic agro-natural landscape	Prof. W.A.I.P. Karunaratne	University of Peradeniya
7	20-014	2020	A stable composite based on titanium dioxide and clay as an effective photocatalyst for wastewater treatment	Dr. C. H. Manoratne	Industrial Technology Institute
8	20-039	2020	Tunable biodegradable polymers and polymeric nanocomposites from locally available renewable sources	Dr. S. A. Senevirathne	Rajarata University of Sri Lanka
9	20-066	2020	An attempt to in vitro differentiation of human round spermatids into mature spermatozoa (spermiation)	Dr. D. M. A. B. Dissanayake	University of Kelaniya
10	20-074	2020	Characterization of a composite flour from Kithul (<i>Caryota urens</i>) and arrowroot (<i>Marantha arundinacea</i>) flour with different modifications to widening its applications in food industry.	Dr. (Mrs) J. A. A. C. Wijesinghe	Wayamba University of Sri Lanka
11	20-078	2020	Clinico-epidemiology, coagulation profile and the phylogenetic positioning of Saw-scaled viper in Northern Sri Lanka.	Dr. A. Murugananthan	University of Jaffna
12	20-080	2020	Simulation of self-deployable structures made of ultra-thin shells	Dr. H. M. Y. C. Mallikarachchi	University of Moratuwa

13	20-083	2020	Canine tick borne infections: reservoirs, tick vectors and zoonotic disease risk of rickettsial infections	Prof. R. S. Rajakaruna	University of Peradeniya
14	20-085	2020	Household Food Waste Behaviors and Implications for Food Security and Environmental Sustainability in Sri Lanka.	Dr. S. A. Weerasooriya	University of Peradeniya
15	20-086	2020	Determination of Descriptor Values for Selected Volatile Constituents in Cinnamon, in order to Determine their Distribution Levels in Environmental Compartments	Dr. J. A. T. C. Ariyasena	University of Peradeniya
16	20-108	2020	Development of a cooling system to reduce the temperature generation in conventional spice grinding machines through experimental investigation of the temperature distribution inside the grinding chamber of conventional spice grinding machines	Dr. R. A. M. P. Ranaweera	University of Moratuwa
17	20-117	2020	Microplastics Bound Transport and Differential Bioavailability of I Pharmaceuticals, Personal Care Products (PPCPs) and Toxic Trace Elements in Water	Dr. S. S. R. M. D. H. R. Wijesekara	Sabaragamuwa University of Sri Lanka
18	20-123	2020	Conservation and Utilization of Old Seedling Teas: A Viable Option for Adaptation to Climate Change	Dr. M. A. B. Ranatunga	Tea Research Institute of Sri Lanka
19	20-124	2020	Determination of Optimum Characteristics of Feeder Service for a Public Transit Route	Dr. N. K. Jayasooriya	University of Moratuwa
1	20-005	2021	Epidemiology and molecular diagnostics for acute undifferentiated febrile illness in Sri Lanka	Dr. N. Rockwood	University of Colombo
2	20-012	2021	Identification and characterization of major pathogens in grape cultivation and improving the grape production by managing major diseases through eco-friendly control measures.	Dr. E. C. Jeyaseelan	University of Jaffna
3	20-022	2021	Study of some postharvest disorders of guava, mango and avocado and their management	Prof. N. K. Adikaram	National Institute of Fundamental Studies (NIFS)

4	20-028	2021	Fabrication of smart printable sensors for detection of toxicants in the environment	Prof. H. M. A. M. C. Herath	Rajarata University of Sri Lanka
5	20-031	2021	Optimizing Wearable Triboelectric Nanogenerators for the Internet of Things (IOT)	Dr. N. D. Wanasekara	University of Moratuwa
6	20-038	2021	Assessment of Endocrine Disrupting Potential of Industrial Effluents and Surface Water of Kelani River using Bioanalytical Tools	Dr. C. K. Hemachandra	University of Colombo
7	20-047	2021	Investigation of the detection of bacteria in water and food samples using bioconjugated fluorescent nanoparticles	Dr. K. G. D. A. D. Tillekaratne	University of Colombo
8	20-051	2021	Characterization of bioactive pigments of mangrove-associated bacteria and screening for their potential biotechnological applications	Dr. W. M. A. P. Halmillawewa	University of Kelaniya
9	20-055	2021	Development of surface enhanced Raman spectroscopy (SERS) methods for in-situ detection of hazardous pesticides combined with portable technology	Dr. M. S. Gunewardene	University of Colombo,
10	20-073	2021	Investigation and characterization of hantavirus infection in selected Districts and enhancement of hantavirus diagnostic facilities in Sri Lanka.	Dr. C. D. Gamage	University of Peradeniya
11	20-079	2021	Evaluation of feed efficiency and meat quality parameters of slow growing (label rouge) pasture raised chicken	Dr. S. C. Somasiri	Rajarata University of Sri Lanka
12	20-089	2021	Fine-Tuning Electronic / Semiconductor Properties of an Iso-reticular Metal Organic Framework Series to be Applied in Dye-Sensitized Solar Cells	Dr. (Mrs) H. A. I. R. Perera	University of Peradeniya

13	20-098	2021	Investigation of crop water usage and soil hydrological dynamics of oil palm (<i>Elaeis guineensis</i> Jacq.) and rubber (<i>Hevea brasiliensis</i> Muell. Arg.) plantations in the low country wet zone of Sri Lanka.	Dr. D.N. Vidana Gamage	University of Peradeniya
14	20-104	2021	Development of pH- and esterase-responsive β -cyclodextrin-adamantane inclusion-based biodegradable novel supramolecular network towards the fabrication of hydrogel for the controlled drug delivery	Dr. W. I. R. Fernando	University of Sri Jayewardenepura
15	20-107	2021	Investigation of the potential of microalgae cultivation in hybrid systems for carotenoids production under Sri Lankan climatic conditions	Dr. H.L.T.U Ariyadasa	University of Moratuwa
16	20-109	2021	Control of stored-product insects using biorational methods	Dr. L. K. W. Wijayarathne	Rajarata University of Sri Lanka
17	20-110	2021	Transition metal chalcogenide embedded TiO ₂ nanocomposites for Hydrogen energy production and environmental remediation under extended solar irradiation	Dr. (Mrs.) Y. Shivatharsiny	University of Jaffna
18	20-111	2021	Selected Transition metals and Nitrogen co-doped Titanium dioxide electrode for Dye Sensitized Solar Cells	Prof. (Mrs.) M. Senthilnathanan	University of Jaffna
19	20-113	2021	Coconut for the future: How will Coconut respond to global climate change?	Dr. M. D. P. Kumarathunge	Coconut Research Institute
20	20-115	2021	Effects of environmental fluoride, hardness and heavy metal (Cd, Pb, As) exposures to the cow milk and their kidney function in CKDu endemic areas of Sri Lanka	Dr. G. D. R. K. Perera	University of Peradeniya
21	20-118	2021	PCR-based molecular evaluation of intestinal parasitic infections among school children in Anuradhapura, Sri Lanka.	Dr. K. G. A. D. Weerakoon	Rajarata University of Sri Lanka

22	20-128	2021	Engineering Microbial Ecology in Agroecosystem via Bio-encapsulation of Microbial Communities to Improve Soil Health and Fertility	Dr. H. M. L. I. Herath	Sri Lanka Institute of Nanotechnology (Pvt) Ltd
1	20-119	2022	On the study of Sun-Moon relative position on Earth's weather changes	Prof. K. P. S. C. Jayaratne	University of Colombo
2	22-027	2022	Transcriptome analysis of mycobacteria in serum exosomes of latent tuberculosis patients for candidate biomarker identification.	Prof. Dhammika Nayoma Magana-Arachchi	National Institute of Fundamental Studies, Hantana Road, Kandy
3	22-031	2022	Fourier transform infrared (FTIR) spectroscopy and, metabolomic screening with gene expression profiling of body fluids for early detection of Oral squamous cell carcinoma (OSCC).	Prof Ruwan Duminda Jayasinghe	University of Peradeniya
4	22-035	2022	Development, characterization and antimicrobial activity assessment of carbohydrate films incorporated with antimicrobial agent loaded montmorillonite and halloysite clays for active food packaging applications	Senior Lecturer Konara Mudiyansele Geethi Kaushalya Pamunuwa	Wayamba University of Sri Lanka
5	22-036	2022	Assess the suitable conditions for sustainable and environmentally friendly aquaculture of the sea cucumber <i>Holothuria scabra</i> (sandfish) in northern Sri Lanka.	Senior Lecturer Chamari Tathsaramala Dissanayake Dadigamuwage	University of Sri Jayewardenepura
6	22-037	2022	Evaluation and Characterization of Biofilm-forming Bacteria from Water Plumbing System for Developing Biofilm free Nano-coated Water Pipelines	Senior Lecturer Kalaivani Vivehananthan	The Open University of Sri Lanka

7	22-041	2022	Slope surface stabilization by using polymer modified microbial induced carbonate precipitation method – Ecofriendly and sustainable alternative approach for the conventional cement grouting	Senior Lecturer Thiloththama Hiranya Kumari Nawarathna	Department of Engineering Technology/ University of Jaffna
8	22-047	2022	Colloidal dispersions of cellulose nanostructures from sustainable raw materials and their applications in packaging industry	Senior Lecturer Gayan Indika Priyadarshana Wijenayaka Mudivanselage	University of Sri Jayewardenepura
9	22-060	2022	Development of novel value-added forms of processed cinnamon through automation	Senior Lecturer Janaka Ranganath Gamage	University of Moratuwa
10	22-062	2022	Assessment of species diversity, anti-phytopathogenic activities of crude extracts and in vitro growth performances of marine macroalgae in Sri Lanka	Senior Lecturer Rasika Pabodani Wanigatunge	University of Kelaniya
11	22-070	2022	Development of a computational model to simulate fate and transport of accidental oil spills for Sri Lankan territorial waters and maritime zone	Senior Lecturer Nissanka Arachchillage Indrajith Devinda Nissanka Nissanka	University of Moratuwa
12	22-075	2022	The use of PGE1 in patients with non-revascularizable Chronic limb threatning Ischaemia- randomised study	Senior Lecturer Mohamed Rezni Nizam Cassim	Faculty of medicine, University of Colombo

13	22-095	2022	Developing ecological tools for monitoring river health using bio-indicators: A case study from Walawe River basin	Prof. Jayawardana Mudiyansele Chandramali Kumari Jayawardana	Sabaragamuwa University of Sri Lanka
14	22-101	2022	Cryptogamic epiphytes as indicators of successional changes in tropical lowland rainforests in Sri Lanka	Prof. Sumudu Chandima Kumari Rubasinghe	University of Peradeniya, Sri Lanka
15	22-104	2022	Identification and characterization of phytotoxic metabolites of actinomycetes; candidates for the development of an eco-friendly tool for sustainable weed management	Senior Lecturer Shirani Manel Kumari Widana Gamage	University of Ruhuna
16	22-114	2022	Mechanochemical synthesis of urea cocrystals as a sustained release nitrogen source	Dr. Nadeesh Madusanka Adassooriyage	University of Peradeniya, Sri Lanka
17	22-127	2022	Preparation of electrically conductive magnetic toner powders from Sri Lankan graphite and iron ores	Senior Lecturer Thilakarathne Bandarage Nadeesha Srimali Madugalla	South Eastern University of Sri Lanka
18	22-131	2022	Design and Implementation of Microenvironment Conditions for Tea and Ornamental Foliage Plants using Precision Agriculture Systems Powered by Solar Photovoltaics	Prof. Anoma Janaki Mohotti	University of Peradeniya

2023	1	22-003	2023	Association of maternal BMI and gestational weight gain with cord blood DNA methylation, adipokine levels, offspring anthropometry, early childhood cardio-metabolic parameters and the effect of lifestyle modification on growth during infancy	Dr. MGDVK Kiridana	University of Peradeniya
	2	22-044	2023	Detection and validation of molecular abnormalities in bone marrow aspiration samples obtained from patients with myelodysplastic syndrome using an "inhouse" developed bone marrow transport medium	Prof. PB Galhena	University of Kelaniya
	3	22-011	2023	A comparison of the Degree of Platelet Inhibition in Sri Lankan Coronary Artery Disease Patients on Clopidogrel & Ticagrelor	Prof. L. V. Gooneratne	University of Colombo
	4	22-053	2023	Cinnamon essential oil nanocapsules incorporated starch based food packaging with antimicrobial properties	Dr. Rukshani Haputhanthri	Open University of SL
2024	1	24-004	2024	An innovative coir-retting method to improve the fibre quality and minimize the environmental pollution	Dr. Gunaratnam Abhiram	Uva Wellassa University
	2	24-005	2024	Development of a herbal nutraceutical from <i>Asparagus falcatius</i> L. for non-alcoholic fatty liver disease	Prof. Anoja Priyadarshani Attanayake	Faculty of Medicine, University of Ruhuna
	3	24-023	2024	Bio-based solution to remove antibiotic contaminants in drinkable and waste water: Put micro-biomes to green nanotechnology	Snr Prof Pathmalal Marakkale Manage	University of Sri Jayewardenepura
	4	24-026	2024	Innovative Sand Engine Deployment: Enhancing Sri Lanka's Coastline Protection through Advanced Numerical Simulations	Dr. R. S. M. Samarasekara	University of Sri Jayewardenepura
	5	24-030	2024	Microbial Inoculants for Forage Conservation: Enhancing Dairy Cattle Feeding through Local Solutions	Dr. M. B. P. Mahipala	University of Peradeniya

6	24-049	2024	Advancing Rice Variety Assessment: An Artificial Intelligence-based Automated Seed Characterization System for Sri Lankan Rice Varieties	Prof. T. L. S. Tirimanne	University of Colombo
7	24-062	2024	Investigation of in-vitro bio-accessibility of micro nutrients, anti-neurogenerative potential and development of value-added products from underutilized herbal plants available in Sri Lanka	Dr. M. M. S. T. Mapa	University of Sri Jayewardenepura
8	24-114	2024	Co-encapsulation of curcumin with piperine in electrospun nanofibers to enhance its bioavailability	Dr. S. K. Rodrigo	Open University of Sri Lanka
9	24-116	2024	Techno-functional properties of some selected plant protein isolates and development of protein-rich bakery foods.	Prof. W. L. I. Wijesekara	University of Sri Jayewardenepura
10	24-130	2024	Potential of weed-derived natural biostimulants in enhancing the growth of tea	Dr. S. Raguraj	Tea Research Institute of Sri Lanka
1	24-008	2025	Suppressing the light induced phase segregation for highly efficient and photostable wide- bandgap mixed halide perovskite solarcells	Dr. Amalraj Peter Amalathas	University of Jaffna
2	24-010	2025	Development of bioactive-enriched oleogel as an alternative for trans fat containing margarines and shortenings	Dr. Subajiny Sivakanthan	University of Jaffna
3	24-014	2025	Investigation of occurrence, accumulation and pollutant level of microplastic in Kandy lake and mid channel system	Lakmal Jayarathna	National Institute of Fundamental Studies
4	24-021	2025	Parasitoids in Controlling Lepidopteran Pests on Key Vegetables in Sri Lanka: Investigating Diversity, Life History and Herbivore-Induced Plant Volatiles for Enhanced Biocontrol	Dr. Thilini C. Weeraratne	University of Peradeniya
5	24-027	2025	Diversity, Chemotaxonomy, and Anti-phytopathogenic Properties of Hypoxylon Species in Sri Lanka's Wet Zone	Prof. D. Anupama Daranagama	University of Kelaniya

6	24-031	2025	Pervious concrete design for permeability and strength with environmental sustainability investigation	Dr. Daniel Niruban Subramaniam	University of Jaffna
7	24-042	2025	Phylogeny, Taxonomy and Niche Dynamics of Memecylon (Melastomataceae) Species in Sri Lanka: An Integrative Approach for Conservation and Ecological Implications.	Prof. H.Suvini Kathriarachchi	University of Colombo
8	24-053	2025	Sustainable utilization of effluent treatment plant sludge and rubber wood ash discharged from rubber glove manufacturing industries in construction: A comprehensive study for circular economy	Prof. M.D.M.D.W.M.M. K. Yatawara	University of Kelaniya
9	24-073	2025	Scalable Production of Physically Unclonable Functions Using Optimized Graphene-Based Inks for Defense and Secure IoT Applications	Dr. W.K.B.D. Lakmal Weerawarne	University of Colombo
10	24-075	2025	Investigating and characterizing the bio-fermented and encapsulated extracts of Ceylon Cardamom (<i>Elettaria cardamomum</i>) for potential novel cosmeceutical properties using biotechnological and spectroscopic techniques	Dr. H.D.Sachindra Melshandi Perera	University of Colombo
11	24-084	2025	Development of sustainable construction materials with enhanced characteristics using blended alum sludge	Dr. R.M.L. Dinesh Rathnayak	University of Peradeniya
12	24-086	2025	Selection of Attakkari Rice for Enhanced Rice Blast Resistance through Pathotype Identification and Complete Genome Sequencing	Dr. Suvanthini Terensan	University of Jaffna
13	24-087	2025	Transformative Approaches in Solar Cells: Enhancing Efficiency through Oxygen Vacancy Modification and Dye-Quantum Dot Sensitization	Dr. Arumukham Manjeevan	University of Jaffna
14	24-097	2025	Development of an integrated device to assess the taste, aroma, color, and moisture level and classification of produced tea in to different grades: "Tea Taste"	Dr. D.D.C.de Silva Wanniarachchi	University of Kelaniya

15	24-098	2025	Development of Plasma-Assisted Fertilizer Synthesis Technology in Sri Lanka	Dr. Pradeep Wishwanath Samarasekera	University of Kelaniya
16	24-102	2025	Development of a cost-effective industrial method to extract collagen from fish waste for high-value cosmetic products	Dr. Suchima Tharangi Gonapinuwala	Wayamba University of Sri Lanka
17	24-124	2025	Development of sustainable Fish waste-Based animal feed	Dr. Kaushalya N. Wijayasekara	University of Ruhuna