

Time	Theme		Session Chair	Academic Coordinator (Host)
8.00-10.00	EES1		Prof. H A Dharmagunawardhana	Dr. Bathiya Athurupana
	B11		Dr. J Gunatilake	
Time	Abstract ID	Presenter ID	Presenter	Title
8.00-8.10	116	B11.1	<u>G.B.C. Sandaruwan</u>	GRAIN SIZE CLASSIFICATION OF SEDIMENTS IN A COASTAL CURRENT MIXING PROGRADING ZONE ON THE SOUTHEAST COAST OF SRI LANKA
8.10-8.20	170	B11.2	<u>G.T.D. Chandrakumara</u>	MOBILIZATION AND FRACTIONATION OF RARE EARTH ELEMENTS DURING WEATHERING OF CARBONATITES AT EPPAWALA, SRI LANKA
8.20-8.30	240	B11.3	<u>W.M.S.K. Weeranayake</u>	INFLUENCE OF WEATHERING OF CARBONATITE ON RARE EARTH ELEMENT CHEMISTRY OF EPPAWALA PHOSPHATE DEPOSIT, SRI LANKA
8.30-8.40	259	B11.4	<u>K.C.C. Silva</u>	MOHO DEPTH VARIATION IN MANNAR SUB-BASIN FROM GRAVITY DATA
8.40-8.50	264	B11.5	<u>K.P.M. Weerathne</u>	MID-HOLOCENE SEDIMENTOLOGICAL CHARACTERISTICS AND COASTAL LANDSCAPE OF SOUTHERN SRI LANKA: A HISTORY OF ADAPTIVE BEHAVIOUR OF PREHISTORIC POPULATIONS
8.50-9.00	275	B11.6	<u>P. Abewardana</u>	MAJOR ELEMENT GEOCHEMISTRY OF CHARNOCKITIC ROCKS IN HIGHLAND AND WANNI COMPLEXES OF SRI LANKA
9.00-9.10	276	B11.7	<u>W.L.A.C.I. Weedagama</u>	TEXTURAL CHARACTERISTICS OF SAND GRAINS IN RED EARTH DEPOSIT IN NORTH AND NORTHWESTERN SRI LANKA: IMPLICATIONS ON ORIGIN
9.10-9.20	289	B11.8	<u>W.A.G.K. Wickramasinghe</u>	GEOLOGICAL AND GEOCHEMICAL CHARACTERISTICS OF CALCITE DEPOSITS AT BALANGODA, SRI LANKA: IMPLICATIONS FOR ORIGIN
9.20-10.00	Panel Discussion			

Time	Theme	Session Chair	Academic Coordinator (Host)	
10.30-12.30	EES2	Prof. A Senarathne	Dr. Aadarshi Welagedara	
	B12	Prof. A.D.L.C Perera		
Time	Abstract ID	Presenter ID	Presenter	Title
10.30-10.40	12	B12.1	<u>L.M. Thilakarathne</u>	SYNTHETIC NANO g-Fe ₂ O ₃ COATED LATERITE SAND FOR ADSORPTIVE REMOVAL OF FLUORIDE FROM NATURAL WATER
10.40-10.50	50	B12.2	<u>J.U. Halpegama</u>	PERFORMANCE OPTIMIZATION OF ELECTROCOAGULATION REACTOR FOR SIMULTANEOUS REMOVAL OF HARDNESS AND FLUORIDE BY SURFACE RESPONSE METHODOLOGY
10.50-11.00	78	B12.3	<u>J.M.M. Wijesinghe</u>	EFFECT OF ABAMECTIN CONCENTRATION AND TEMPERATURE ON ITS BIOREMEDIATION BY <i>Staphylococcus nepalensis</i>
11.00-11.10	159	B12.4	<u>T.M.P.D.M. Thennakoon</u>	ENHANCED REMOVAL OF Cr(III) BY NaOH-MODIFIED SCRAPED COCONUT WASTE
11.10-11.20	248	B12.5	<u>P. Ariyaratne</u>	IMPROVED HEAVY METAL ADSORPTION BY MOF/TiO ₂ NANO-COMPOSITES
11.20-11.30	255	B12.6	<u>S. Senarathne</u>	EVALUATION OF GROUNDWATER QUALITY AND SUITABILITY IN LOWER WALAWE BASIN FOR DRINKING AND IRRIGATION
11.30-12.20	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
1.00-3.00	EES3		Prof. S K Yatigammana	Dr. Nadeesha Koralegedara
	F11		Dr. S N P Athukorala	
Time	Abstract ID	Presenter ID	Presenter	Title
1.00-1.10	45	F11.1	<u>K.N.M.H.H. Kosqahakumbura</u>	IMPACT OF ASSOCIATED ANIONS ON LEAD UPTAKE BY <i>Pistia stratiotes</i> AND <i>Salvinia molesta</i> : A NEW PERSPECTIVE FOR PHYTOREMEDIATION
1.10-1.20	84	F11.2	<u>K.R.S. Perera</u>	ALLELOPATHIC EFFECT OF AQUEOUS EXTRACT OF INVASIVE ALIEN PLANT, WEDELIA (<i>Sphagneticola trilobata</i>) ON BEANS (<i>Phaseolus vulgaris</i>)
1.20-1.30	164	F11.3	<u>H.M.N.P. Herath</u>	AQUATIC INVASIVE WEEDS <i>Eichhornia crassipes</i> AND <i>Salvinia molesta</i> : HERBICIDAL PROPERTIES AGAINST <i>Brassica juncea</i> AND <i>Pennisetum polystachion</i>
1.30-1.40	165	F11.4	<u>M.N.F. Shamla</u>	HERBICIDAL PROPERTIES OF TERRESTRIAL INVASIVE ALIEN PLANTS <i>Lantana camara</i> AND <i>Panicum maximum</i> AGAINST <i>Pennisetum polystachion</i> AND <i>Brassica juncea</i>
1.40-1.50	199	F11.5	<u>T.M. Paranavithana</u>	EVALUATION OF MICROBIAL BIOMASS CARBON IN PADDY SOILS OF ANURADHAPURA DISTRICT, SRI LANKA
1.50-2.00	217	F11.6	<u>R.B.N. Dharmasiri</u>	NAPHTHALENE DEGRADATION ABILITY OF PHYLLOPLANE <i>Bacillus</i> Sp. INHABITING URBAN AREAS IN SRI LANKA
2.00-2.10	260	F11.7	<u>K.R.V. Bandara</u>	LEVEL OF TRIBUTYL TIN CONTAMINATION IN <i>Perna viridis</i>
2.10-2.20	267	F11.8	<u>E.M.M.S. Ekanayake</u>	PHYTOREMEDIATION OF SYNTHETIC TEXTILE DYE (DIRECT BLUE 201) BY <i>Eichhornia crassipes</i> (MART.) SOLMS VIA BIO-SORPTION AND ENZYMATIC DEGRADATION
2.20-3.00	Panel Discussion			

Time	Theme	Session Chair	Academic Coordinator (Host)	
3.30-5.30	EES4	Prof. S Malaviarachchi	Dr. Bhatiya Athurupana	
	F12	Dr. U Ranathunga		
Time	Abstract ID	Presenter ID	Presenter	Title
3.30-3.40	43	F12.1	<u>N.M.S.S.B. Karunatilake</u>	PHOTO-DEGRADATION OF REACTIVE TEXTILE DYE EFFLUENTS USING MAGNESIUM OXIDE NANOPARTICLES
3.40-3.50	77	F12.2	<u>H.M.H.D.K. Naranpanawa</u>	ENHANCING PERFORMANCE OF RECHARGEABLE LITHIUM-ION BATTERIES BY ALKALI ROASTING AND ACID LEACHING OF VEIN GRAPHITE
3.50-4.00	94	F12.3	<u>T.M.M.K. Bandara</u>	STUDY OF Cu ²⁺ ADSORPTION, KINETICS AND EQUILIBRIUM ON ABSORBENT FORMED BY REACTION BETWEEN PARA-NITROACETANILIDE AND CONCENTRATED SULFURIC ACID
4.00-4.10	123	F12.4	<u>C.J. Thambiliyaqodage</u>	SIMPLE METHOD TO SYNTHESIS OF Fe ₂ TiO ₅ -TiO ₂ HETEROSTRUCTURES FROM ILMENITE AND THEIR PHOTOCATALYTIC ACTIVITY FOR DEGRADATION OF METHYLENE BLUE
4.10-4.20	127	F12.5	<u>A.M.D. Rajapakshe</u>	SYNTHESIS OF NANO-SIZED CU-ZEOLITE USING A NEW MICROWAVE ASSISTED METHOD
4.20-4.30	151	F12.6	<u>M.N. Pahalagedara</u>	LOW ENERGY STEREO-SELECTIVE EPOXIDATION OF TRANS-STILBENE: SHAPE SELECTIVE HETEROGENEOUS CATALYSIS USING MORPHOLOGY CONTROLLED MIXED METAL OXIDES
4.30-4.40	208	F12.7	<u>P.T.S.K. Dayananda</u>	USE OF STARCH-BORATE-UREA-LIGNIN FERTILIZER MATRIX FOR CONTROLLED RELEASE OF UREA
4.40-4.50	247	F12.8	<u>R.K.D.S. Samaradiwakara</u>	UNDERSTANDING ALTERATION PHENOMENA OF ASBESTOS-CEMENT SHEETS IN SRI LANKA
4.50-5.30	Panel Discussion			

Time	Theme	Session Chair	Academic Coordinator (Host)	
8.00-10.00	EES5	Prof. H A Jayasena	Dr. P.L. Dharmapriya	
	B21	Dr. N W Balasooriya		
Time	Abstract ID	Presenter ID	Presenter	Title
8.00-8.10	11	B21.1	<u>I.D.U.H. Piyathilake</u>	PRIORITIZATION OF WATERSHEDS IN UVA PROVINCE, SRI LANKA BASED ON SOIL EROSION HAZARD
8.10-8.20	114	B21.2	<u>R.M.G.N. Rajapaksha</u>	DRAINAGE NETWORK QUANTIFICATION IN A MOUNTAINOUS WATERSHED: A GIS-BASED APPROACH IN BADULU OYA BASIN, SRI LANKA
8.20-8.30	163	B21.3	<u>L.S. Madhushani,</u>	DETERMINATION OF TRACE METAL LEVELS IN BULK DEPOSITION AT UNIVERSITY OF PERADENIYA
8.30-8.40	194	B21.4	<u>W.A.N.I. Perera</u>	STUDY OF GROUNDWATER RECHARGE IN MA-OYA MICRO CATCHMENT OF MAHAWELI RIVER
8.40-8.50	168	B21.5	<u>B.M.D.S. Balasuriya</u>	IMPREGNATION OF COCONUT COIR BASED ACTIVATED CARBON WITH MAGNETITE TO ENHANCE EFFICIENCY OF WATER SOFTENING
8.50-9.00	213	B21.6	<u>I.S. Somasiri</u>	VERIFICATION OF RUSLE MODEL FOR SRI LANKA: A GIS BASED CASE STUDY IN UPPER MAHAWELI CATCHMENT
9.00-9.10	258	B21.7	<u>A.M. N. Athauda,</u>	STUDY ON SPATIAL AND TEMPORAL VARIATION OF WATER QUALITY OF THE YAN OYA RIVER BASIN
9.10-9.20	270	B21.8	<u>A.B.N. Witanage</u>	ASSESSMENT OF RURAL WATER SUPPLY IN SRI LANKA: A CASE STUDY FROM WATTEGAMA WATER SUPPLY SCHEME, KANDY
9.20-10.00	Panel Discussion			

Time	Theme	Session Chair	Academic Coordinator (Host)	
10.30-12.30	EES6	Prof. T Hewawasam	Dr. Apsara Wijenayake	
	B22	Prof. R Weerasooriya		
Time	Abstract ID	Presenter ID	Presenter	Title
10.30-10.40	14	B22.1	<u>S. Kayanan</u>	SOLID WASTE MANAGEMENT ISSUES WITHIN VAVUNIYA URBAN COUNCIL LIMITS
10.40-10.50	67	B22.2	<u>R.W.M.G.K. Kapukotuwa</u>	MICROPLASTICS IN STREAM WATER AND SEDIMENTS OF RAWAN-OYA TRIBUTARY OF MAHAWELI RIVER IN KANDY DISTRICT
10.50-11.00	105	B22.3	<u>D.M. Gajadeera</u>	Management of Municipal Solid Wastes: An overview of the Collection, Composition and fate of Solid Waste of Local Authorities in Hambantota District in Sri Lanka
11.00-11.10	157	B22.4	<u>R.K.D.S. Samaradiwakara,</u>	ATMOSPHERIC POLLUTION BY MICROPLASTICS IN COLOMBO AND KANDY URBAN ENVIRONMENTS OF SRI LANKA
11.10-11.20	206	B22.5	<u>J.N. Meepage</u>	ANALYSIS OF SELECTED PRINTING INK AND THEIR DEGRADATION PRODUCTS
11.20-11.30	313	B22.6	<u>A.M.P.E.K. Atapattu</u>	OPEN SOLID WASTE DISPOSAL AND ITS EFFECTS ON WATER QUALITY IN CENTRAL PROVINCE AREA OF MAHAWELI RIVER DUE TO PREVAILING URBAN AREA MANAGEMENT SYSTEMS
11.30-11.40	318	B22.7	<u>W.B.C.P. Weerathne</u>	PARTICULATE MATTER ANALYSIS IN AIR OF A HIGH DENSITY CHRYSOTILE ASBESTOS RELATED PRODUCTION FACTORY IN SRI LANKA
11.40-12.30	Panel Discussion			

Time	Theme	Session Chair	Academic Coordinator (Host)	
1.00-3.00	EES7	Prof. S K Gunatilake	Dr. P.L. Dharmapriya	
	F21	Mr. A Wicramasooriya		
Time	Abstract ID	Presenter ID	Presenter	Title
1.00-1.10	90	F21.1	<u>K.A.T.D.D.K. Arachchi</u>	ALTERATION OF PHYTOPLANKTON GROWTH BY SOME SELECTED ZOOPLANKTON SPECIES FOR THE APPLICATION IN BIOMANIPULATION
1.10-1.20	96	F21.2	<u>G.G.S.L. Bandara</u>	GEOTAGGED ADDRESS INFORMATION FRAMEWORK FOR SERVICE PROVIDERS
1.20-1.30	181	F21.3	<u>D.D.M.O. Dissanayake</u>	Soil organic carbon IN Blue Carbon ecosystems OF NORTH WEST OF SRI LANKA
1.30-1.40	201	F21.4	<u>P. Rajkumar</u>	SITE SUITABILITY EVALUATION OF CULTURAL PLACES FOR ECOTOURISM DEVELOPMENT IN JAFFNA DISTRICT, SRI LANKA
1.40-1.50	262	F21.5	<u>H.D.D. Sadeepa</u>	BIOTECHNOLOGICAL PROSPECTS OF MICROBIAL COMMUNITY IN WAHAVA HOT SPRINGS IN SRI LANKA
1.50-2.00	263	F21.6	<u>D.S. De Silva</u>	SPATIAL PATTERNS AND MAJOR CAUSES OF ELEPHANT MORTALITIES IN MAHAWELI WILDLIFE CONSERVATION AREA, SRI LANKA
2.00-2.10	266	F21.7	<u>G.D. Ramanayake</u>	BIODEGRADABILITY OF LOW DENSITY POLYETHYLENE BY SOIL FUNGUS <i>Talaromyces purpureogenus</i> ISOLATE SJP-GF085
2.10-2.20	301	F21.8	<u>K.K.H.P. Nisansala</u>	A STUDY OF THE IMPACT OF RAJAGIRIYA FLYOVER ON NEIGHBOURING COMMUNITIES
2.20-3.00	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
8.00-10.00	ICTMS1		Dr. Gayani Udagedara	Dr. Amila Nishantha
	A11		Dr.C.K. Walgampaya	
Time	Abstract ID	Presenter ID	Presenter	Title
8.00-8.10	29	A11.1	<u>A.W.V.M. Amunugama,</u>	A MATHEMATICAL MODEL FOR STOCK PRICES IN THE COLOMBO STOCK EXCHANGE
8.10-8.20	51	A11.2	<u>K.M.D.A. Fernando</u>	STUDY ON MUTATION MECHANISMS OF HUMAN BREAST CANCER IN SRI LANKA
8.20-8.30	98	A11.3	<u>M.K.D.D. Sandaruwan</u>	THREE-PHASED HEURISTIC ALGORITHM BASED ON INTEGER LINEAR PROGRAMMING FOR CAPACITATED VEHICLE ROUTING PROBLEM
8.30-8.40	119	A11.4	<u>C.W. Sahabandu</u>	COMPUTING BUMP-FUNCTION LANDSCAPE IN TOPOLOGICAL DATA ANALYSIS
8.40-8.50	120	A11.5	<u>E.S. Abbas</u>	MONITORING SURGICAL PERFORMANCE USING RISK-ADJUSTED MULTIVARIATE CUMULATIVE SUM CHARTS
8.50-9.00	156	A11.6	<u>A.M.S.M.C.M. Aththanayake</u>	A COMPARISON BETWEEN GENETIC ALGORITHM AND LOGISTIC REGRESSION ON VARIABLE SELECTION: A CASE STUDY
9.00-9.10	192	A11.7	<u>A.M.U.J.B. Abeysinghe</u>	DETERMINING A SHORTEST PATH FOR TRAVELLING SALESMAN PROBLEM USING IMPROVED NODE SELECTION CRITERION
9.10-9.20	268	A11.8	<u>W.A. Gunarathna</u>	QUASI-COMPACT FOURTH ORDER APPROXIMATIONS FOR FRACTIONAL DERIVATIVES AND APPLICATIONS
9.20-10.00	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
10.30-12.30	ICTMS2		Dr. A.A.S Perera	Dr. Udeni Wijesooriya
	A12		Dr. P.G.R.S. Ranasinghe	
Time	Abstract ID	Presenter ID	Presenter	Title
10.30-10.40	93	A12.1	<u>M.D.M.C.P. Weerathna</u>	PRIME LABELLING OF CENTRELESS DOUBLE WHEEL GRAPHS (CDW_{2n})
10.40-10.50	95	A12.2	<u>T.R.D.S.M. Thennakoon</u>	PRIME LABELLING OF NEWLY CONSTRUCTED GRAPHS OBTAINED BY REPLACING EACH EDGE OF A STAR GRAPH BY A COMPLETE TRIPARTITE GRAPH
10.50-11.00	118	A12.3	<u>A.M.U.J.B. Abeyasinghe</u>	INTEGER PARTITIONS AND THEIR GRAPHICAL REPRESENTATIONS
11.00-11.10	145	A12.4	<u>M.D.M.C.P. Weerathna</u>	A STUDY ON PRODUCT OF COMPLETE BIPARTITE GRAPHS OF THE FORM ; $K_{n,n}$; n in Z^+
11.10-11.20	200	A12.5	<u>W.V. Nishadi</u>	GENERALIZED HADAMARD MATRICES AND 2-FACTORIZATION OF COMPLETE GRAPHS
11.20-11.30	232	A12.6	<u>K.M.P.G.S.C. Kapuhennayake</u>	AN ALTERNATIVE APPROACH FOR GOLD GRABBING GAME
11.30-11.40	297	A12.7	<u>W.W.P.M.T.M. Karunasena</u>	A STUDY OF DNA SIMILARITY ANALYSIS IN EVOLUTIONARY RELATIONSHIPS USING GRAPH THEORY
10.30-10.40	93	A12.1	<u>M.D.M.C.P. Weerathna</u>	PRIME LABELLING OF CENTRELESS DOUBLE WHEEL GRAPHS ()
10.40 -12.30	Panel Discussion			

Time	Theme	Session Chair	Academic Coordinator (Host)	
1.00-3.00	ICTMS3	Dr. Rekha De Silva	Dr. M.T.M. Dewasurendra	
	E11	Dr. Janitha Gunathilake		
Time	Abstract ID	Presenter ID	Presenter	Title
1.00-1.10	48	E11.1	<u>E.M.D.R.K. Ekanayaka</u>	NON-LINEAR DISPERSION OF A CHEMICAL POLLUTANT INTO A RIVER WITH NON-LINEAR INITIAL FLOW
1.10-1.20	52	E11.2	<u>W.H.D.T. Karunarithna</u>	A METHOD OF DIRECTLY DEFINING THE INVERSE MAPPING FOR PARTIAL DIFFERENTIAL EQUATIONS
1.20-1.30	162	E11.3	<u>W.M.E.S. Wijesinghe</u>	A MATHEMATICAL MODEL FOR COVID-19 TRANSMISSION IN SRI LANKA
1.30-1.40	236	E11.4	<u>I. Wijerathne</u>	REDUCED ORDER MODELLING FOR RADIATION DETECTION
1.40-1.50	237	E11.5	<u>A.A. Konpola</u>	MATHEMATICAL ANALYSIS OF A DISEASED PREY- PREDATOR SYSTEM WITH HARVESTING OF PREY
1.50-2.00	305	E11.6	<u>T. Rajendran</u>	VOLUMETRIC FLOW RATE OF PARTICLE SUSPENSION FLOW OVER POROUS MEDIA
2.00-2.10	306	E11.7	<u>T. Rajendran</u>	A SELF SIMILARITY SOLUTION FOR A COUPLED CHANNEL FLOW
2.10-2.20	308	E11.8	<u>P.A.S.D. Wijerathna</u>	A NEW REDUCED SYSTEM OF MICHAELIS-MENTEN ENZYME REACTION MODEL
2.20-3.00	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
3.30-5.30	ICTMS4		Prof R. D. Yapa	Mr. Prabhath Gunathilake
	E12		Dr. L.S. Nawarathna	
Time	Abstract ID	Presenter ID	Presenter	Title
3.30-3.40	31	E12.1	<u>R. Tharshan</u>	PERFORMANCE OF VARIOUS LOCATION-BASED LINDLEY FAMILY DISTRIBUTIONS BASED ON AKAIKE INFORMATION CRITERION
3.40-3.50	42	E12.2	<u>T.T. Kaluarachchi</u>	A NOVEL EXPRESSWAY TICKETING SYSTEM FOR SRI LANKA USING ARTIFICIAL INTELLIGENCE
3.50-4.00	218	E12.3	<u>S.B.R. Pathirana</u>	STUDY OF SOLAR RADIATION VARIATION IN SRI LANKA
4.00-4.10	225	E12.4	<u>W.G.D.C. Abesiriwardana</u>	IMPACT OF INFORMATION SYSTEMS STRATEGY IN ACHIEVING BUSINESS SUCCESS: A CASE STUDY IN SRI LANKA
4.10-4.20	242	E12.5	<u>P.M.O.P. Panahatipola</u>	COMPARISON BETWEEN $r-k$ AND $r-d$ CLASS ESTIMATORS IN THE PRESENCE OF AUTOCORRELATED ERRORS IN LINEAR REGRESSION MODEL
4.20-4.30	254	E12.6	<u>C.S.A. Britto</u>	STATISTICAL APPROACH FOR MULTI-CLASS WEATHER CLASSIFICATION
4.30-5.20	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
8.00-10.00	ICTMS8		Prof. W.B.Dawundasekara	Dr. Chaturika Athapattu
	E22		Dr. Rochana Meegaskumbura	
Time	Abstract ID	Presenter ID	Presenter	Title
8.00-8.10	19	E22.1	<u>N.K. Boralessa</u>	MODELLING AND RISK ASSESSMENT OF EXTREME FIRE CLAIMS
8.10-8.20	61	E22.2	<u>S.K.O.D. Samarathunge</u>	TRANSPORTATION PROBLEM WITH VARYING DEMANDS AND SUPPLIES ARISING IN TEA DISTRIBUTION
8.20-8.30	160	E22.3	<u>J.A.D.I.I.L. Jayathunga</u>	THREE NEW HIGHER ORDER ITERATIVE SCHEMES FOR SOLVING NON-LINEAR EQUATIONS
8.30-8.40	186	E22.4	<u>Y.C.D. Jayakaduwa</u>	First order KARUSH-KUHN-TUCKER CONDITIONS FOR QUADRATIC PROGRAMMING PROBLEMS WITH CONTINUOUS AND DISCRETE VARIABLES
8.40-8.50	195	E22.5	<u>U.G.N. Lakmali</u>	REDUCED DIFFERENTIAL TRANSFORM METHOD FOR APPROXIMATING SOLUTIONS FOR LINEAR AND NON-LINEAR PARTIAL DIFFERENTIAL EQUATIONS
8.50-9.00	227	E22.6	<u>W.D.G.V. Wickramasinghe</u>	ITERATIVE METHODS FOR SOLVING NONLINEAR EQUATIONS
9.00-9.10	286	E22.7	<u>W.M.E.S. Wijesinghe</u>	AN AGENT-BASED MODEL TO CAPTURE THE DYNAMICS OF FISH POPULATION IN THE KAUDULLA RESERVOIR, SRI LANKA
9.10-9.20	300	E22.8	<u>D.M.N.K. Dissanayaka</u>	MATHEMATICAL MODELING OF SPREADING OF COVID-19 IN SRI LANKA
9.20-10.00	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
10.30-12.30	ICTMS6		Prof P.Wijekoon	Dr. Mahsen Dehideniya
	A22		Dr. S.P. Abeysundara	
Time	Abstract ID	Presenter ID	Presenter	Title
10.30-10.40	15	A22.1	<u>E.B.S. Samarakoon,</u>	TREND ANALYSIS ON SOUTHWEST MONSOON RAINFALL IN SRI LANKA USING DROUGHT INDICES
10.40-10.50	18	A22.2	<u>B.W.M.W.T.P. Weerasekara</u>	STATISTICAL APPROACH ON U-Pb ZIRCON GEOCHRONOLOGY WITHIN THE HIGH - GRADE BASEMENT OF SRI LANKA
10.50-11.00	121	A22.3	<u>M.A.N.R. Kumari</u>	SURVIVAL ANALYSIS OF <i>BETA</i> -THALASSEMIA MAJOR PATIENTS
11.00-11.10	198 (P)	A22.4	<u>S.N. Jayaweera</u>	A SHARING ECONOMY BUSINESS MODEL FOR SRI LANKAN ACCOMMODATION INDUSTRY
11.10-11.20	271	A22.5	<u>R.A.V.S.J. Ranasinghe</u>	FORECASTING STOCK PRICE INDEX IN SRI LANKA: A COMPARATIVE STUDY OF UNIVARIATE TIME SERIES MODELS
11.20-11.30	280	A22.6	<u>B.M.S.M.B. Bowala</u>	EFFECTIVE DECISION MAKING IN FRESHWATER PRAWN EXPORT INDUSTRY IN SRI LANKA
11.30-11.40	303	A22.7	<u>P.R.K. Ganegoda</u>	IMPACT OF GOVERNMENT FOREIGN DEBT ON GROSS DOMESTIC PRODUCT OF SRI LANKA
10.30-10.40	309	A22.8	<u>N.D.S. Cooray</u>	WEATHER FORECASTING USING DYNAMIC MODE DECOMPOSITION
10.40 -12.30	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
1.00-3.00	ICTMS7		Prof. S.R. Kodituwakku	Dr. S.P. Abeyesundara
	E21		Dr. Amalka Pinidiyaarachchi	
Time	Abstract ID	Presenter ID	Presenter	Title
1.00-1.10	44	E21.1	<u>F. Shanaz</u>	WIKIDATA BASED PERSON NAME DISAMBIGUATION FOR USER PROFILING IN NEWS RECOMMENDATION
1.10-1.20	76	E21.2	<u>T.T. Kaluarachchi</u>	TURNING GUI INTO HTML SOURCE CODE WITH IMAGE PROCESSING AND DEEP LEARNING
1.20-1.30	91	E21.3	<u>T.R.N. Perera</u>	A MACHINE LEARNING APPROACH FOR UNIVERSITY STUDENT AND COURSE PROFILING WITH RESULT PREDICTION: A CASE STUDY
1.30-1.40	197	E21.4	<u>M.A.L. Manthirathna</u>	A REVIEW OF PERFORMANCE OF FEATURE SELECTION METHODS FOR MACHINE LEARNING ALGORITHMS FOR TWITTER SENTIMENT ANALYSIS
1.40-1.50	205	E21.5	<u>P.K.D.K. Kaushalya</u>	AN AFFECTIVE ENGINEERING APPROACH FOR ENHANCED USER INTERFACE DESIGNING: A CASE STUDY OF WEBSITES OF SRI LANKAN HIGHER EDUCATIONAL INSTITUTES
1.50-2.00	209(P)	E21.6	<u>S.P. Premarathna</u>	DEEP LEARNING APPROACH FOR ELEPHANT INTRUSION DETECTION SYSTEM FOR REDUCING HUMAN ELEPHANT CONFLICT
2.00-2.10	296	E21.7	<u>P.A.S.D. Perera</u>	ENCRYPTION ALGORITHMS USING GRAPH THEORY IN SYMMETRIC CRYPTOGRAPHY FOR PROVIDING BETTER DATA SECURITY
2.10-2.20	312	E21.8	<u>D.M.C. Dissanayake</u>	EFFECTIVE MACHINE LEARNING ALGORITHMS FOR ANOMALY INTRUSION DETECTION SYSTEM
2.20-3.00	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
3.30-5.30	ICTMS5		Prof. A.A.I. Perera	Dr. Gayani Udagedara
	A21		Dr. M.I.M. Ishak	
Time	Abstract ID	Presenter ID	Presenter	Title
3.30-3.40	20	A21.1	<u>A.P. Madhushani</u>	A GENERALIZED ELLIPTIC CURVE ELGAMAL CRYPTOSYSTEM
3.40-3.50	41	A21.2	<u>K.G.M.U. Wickramasinghe</u>	EFFECT OF ADDING A NEW EDGE TO A NON-TRIVIAL GRAPH, ON $R_{-1}(G)$ AND HARMONIC INDEX $H(G)$
3.50-4.00	56	A21.3	<u>R.A.S.T. Abeysekara</u>	ON A QUESTION OF CONSTRUCTING MÖBIUS TRANSFORMATIONS VIA SPHERES AND RIGID MOTIONS
4.00-4.10	60	A21.4	<u>M.H.M.I. Kumari</u>	SOME PROPERTIES OF THE UNITARIES REPRESENTING MINIMAL INNER TORAL POLYNOMIALS
4.10-4.20	89	A21.5	<u>C.S.B. Dissanayake</u>	BEHAVIOUR OF PURE ALGEBRAIC ISOPAIRS AT NON-REGULAR POINTS
4.20-4.30	138	A21.6	<u>H.M.M. Chathurangi</u>	A VARIANT OF RSA ALGORITHM WITH USE OF FERMAT'S LITTLE THEOREM
4.30-4.40	243	A21.7	<u>H.S.I. Wijerathne</u>	RESTORATION UNIQUE FACTORIZATION USING ROOTS OF QUARTIC POLYNOMIALS
4.40-4.50	279	A21.8	<u>V. Dayalini</u>	The (G'/G) - EXPANSION METHOD TO THE GENERALIZED DERIVATIVE NON-LINEAR SCHRÖDINGER'S EQUATION
4.50-5.30	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
8.00-10.00	PS1		Prof. L.R.A.K. Bandara	Dr. Ayesh Jayasinghe
	C11		Dr. V.A. Seneviratne	
Time	Abstract ID	Presenter ID	Presenter	Title
8.00-8.10	66	C11.1	<u>K.U. Perera</u>	SYNTHESIS AND INVESTIGATION OF THERMOELECTRIC PROPERTIES OF POLYANILINE AND NICKEL
8.10-8.20	113	C11.2	<u>H.M.I.S. Senevirathne</u>	USE OF SELECTED AGRICULTURAL WASTE MATERIALS FOR SOUND ABSORPTION APPLICATIONS
8.20-8.30	117	C11.3	<u>K.H. Ellepola</u>	LOW-COST WATER PURIFICATION SYSTEM USING CONDENSATION
8.30-8.40	169	C11.4	<u>M.A. Farhana</u>	THICKNESS CONTROLLED FABRICATION OF Sb ₂ S ₃ PLANAR STRUCTURE ENHANCED LIGHT HARVESTING AND CHARGE COLLECTION EFFICIENCY
8.40-8.50	202	C11.5	<u>W.M.C.Y. Wijesundara</u>	CONSTRUCTION OF A LOW-COST AUTOMATED SPECTRUM ANALYSER
8.50-9.00	223 (P)	C11.6	<u>K. Umair</u>	EFFICIENCY ENHANCEMENT IN SnO ₂ BASED DYE-SENSITIZED SOLAR CELLS BY INCORPORATING PLASMONIC GOLD NANOPARTICLES
9.00-9.10	246	C11.7	<u>M. Rabindran</u>	COMPATIBILITY OF DIFFERENT ELECTROLYTES WITH CARBON-BASED ELECTRODES IN ELECTROCHEMICAL DOUBLE-LAYER CAPACITORS
9.10-9.20	314	C11.8	<u>S. Khadka</u>	DESIGN AND OPTIMIZATION OF AN ACTIVE FLOW CONTROL METHOD TO OPTIMIZE THE AERODYNAMIC PERFORMANCE OF AN AIRFOIL IN A COMPRESSIBLE FLOW
9.20-10.00	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
10.30-12.30	PS2		Dr. Wijendra	Dr. Chani Perera
	C12		Dr. V. Sivakumar	
Time	Abstract ID	Presenter ID	Presenter	Title
10.30-10.40	111	C12.1	<u>D.G.B.C. Karunaratne</u>	LOW-COST PEROVSKITE SOLAR CELLS BASED ON ACTIVATED COCONUT SHELL CHARCOAL AS THE HOLE-TRANSPORT LAYER
10.40-10.50	177	C12.2	<u>K. Ariyasinghe</u>	ESTIMATION OF SURFACE AND BUILD-UP REGION DOSE FOR COBALT-60 TELE-THERAPY UNITS
10.50-11.00	125	C12.3	<u>M.A.S.H. Mirihana</u>	Fe/Cu-CO-DOPED TiO ₂ FOR EFFICIENT PHOTOCATALYTIC DYE DEGRADATION UNDER VISIBLE LIGHT
11.00-11.10	143	C12.4	<u>A.A.A.P. Aththanayake</u>	ELECTRICAL AND OPTICAL PROPERTIES OF F-DOPED SnO ₂ NANOSTRUCTURED THIN FILMS SYNTHESIZED BY SEQUENTIAL NEBULIZER SPRAY PYROLYSIS
11.10-11.20	148 (P)	C12.5	<u>K.G.P.P. Kahaqalla</u>	STUDIES ON UV ABSORPTION AND VISIBLE EMISSION OF La DOPED ZnS
11.20-11.30	175	C12.6	<u>R.T.N. Rajapakse</u>	EFFECT OF PATIENT POSITIONING IN THREE-DIMENSIONAL CONFORMAL RADIOTHERAPY FOR CARCINOMA IN THORAX REGION
11.30-11.40	207	C12.7	<u>I.G.H.U. Kumarasinghe</u>	FABRICATION OF POLYVINYLIDENE FLUORIDE PIEZOELECTRIC FILM FOR NANOGENERATORS
10.30-10.40	226	C12.8	<u>T.M.A.A.B.Thennakoon</u>	ELECTROCHEMICAL EXFOLIATION OF GRAPHITE INTO GRAPHENE WITH BLACK TEA
10.40 -12.30	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
1.00-3.00	PS3		Prof. K. Premaratne	Dr. Subhashini Gunathilake
	G11		Dr. P.W.S.K. Bandaranayake	
Time	Abstract ID	Presenter ID	Presenter	Title
1.00-1.10	7	G11.1	<u>Zhi-Guo Wu</u>	ONE-POT SYNTHESIS OF NITROGEN-DOPED REDUCED GRAPHENE OXIDE AS THE EFFICIENT ELECTROCHEMICALLY MODIFIED ELECTRODE MATERIAL FOR Hg(II) DETECTION
1.10-1.20	147	G11.2	<u>P.S. Vishalini</u>	PLANT PIGMENTS FOR SUNSCREEN: A SPECTROSCOPIC STUDY
1.20-1.30	149	G11.3	<u>B. Sajeevan</u>	CALIBRATION OF PERIOD-LUMINOSITY RELATION OF HIGH AMPLITUDE δ SCUTI TYPE VARIABLES USING BAADE-WESSELINK METHOD
1.30-1.40	152	G11.4	<u>H.G.N. Rajapaksha</u>	CYCLIC VOLTAMMETRY STUDY ON ZINC RECHARGEABLE CELLS
1.40-1.50	153	G11.5	<u>D.S.K. Rajaquru</u>	SRI LANKAN NATURAL GRAPHITE/GEL POLYMER ELECTROLYTE BASED ELECTROCHEMICAL DOUBLE LAYER CAPACITOR
1.50-2.00	154	G11.6	<u>R.M.L.L. Rathnayake</u>	CHARGE-DISCHARGE BEHAVIOUR OF AN IONIC LIQUID GEL POLYMER ELECTROLYTE BASED ZINC/ NATURAL GRAPHITE CELL
2.00-2.10	172	G11.7	<u>L.B.E. Gunasekara</u>	INVESTIGATION OF CHARGE TRANSPORT IN POLYETHYLENE OXIDE-BASED IONIC CONDUCTORS
2.10-3.00	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
3.30-5.30	SE1		Prof. H.M.S.P. Madawala	Mr. Saumya Bandara
	G12		Dr. W.D. Chandrasena	
Time	Abstract ID	Presenter ID	Presenter	Title
3.30-3.40	40	G12.1	<u>H.D.K. Darandakumbura</u>	EFFECT OF GUIDED INQUIRY-BASED LABORATORY EXPERIMENTS ON ATTITUDES OF STUDENTS TOWARDS SCIENCE LEARNING
3.40-3.50	158	G12.2	<u>A.M.R.S. Bandara</u>	CHALLENGES OF SCIENCE EDUCATION OF INDIGENOUS STUDENTS: A CASE STUDY FROM UVA PROVINCE, SRI LANKA
3.50-4.00	234	G12.3	<u>N. Kumari</u>	TEACHER INVOLVEMENT IN DEVELOPING STUDENTS' SCIENCE PROCESS SKILLS OF ADVANCED LEVEL BIOLOGY TEACHING IN KURUNEGALA DISTRICT, SRI LANKA
4.00-4.10	261	G12.4	<u>R. Ramanan</u>	EFFECT OF ENTREPRENEURIAL ORIENTATION ON EDUCATIONAL ADMINISTRATION TO ENHANCE SCIENCE EDUCATION: A CASE STUDY IN JAFFNA, SRI LANKA
4.10-4.20	292	G12.5	<u>E.M.T. Bandaranayake</u>	EFFECTIVENESS OF APPLYING SELF-DETERMINATION THEORY IN TEACHING MATHEMATICS: A CASE STUDY IN HATTON EDUCATION ZONE
4.20-4.30	299	G12.6	<u>D.P. Waidyathilake</u>	PERCEPTIONS ON NON-MATHEMATICS TEACHERS' PEDAGOGICAL SKILLS IN TEACHING MATHEMATICS
4.30-5.20	Panel Discussion			

Time	Theme	Session Chair	Academic Coordinator (Host)	
8.00-10.00	PS4	Prof. R.M.G. Rajapakse	Dr. Manjula Wijesinghe	
	C21	Dr. U Ranathunga		
Time	Abstract ID	Presenter ID	Presenter	Title
8.00-8.10	46	C21.1	<u>A.G.S.V.B. Dharmadasa</u>	EFFECT OF HYDROPHOBICITY ON ENTRAPMENT EFFICIENCY OF DENDRIMERS
8.10-8.20	64	C21.2	<u>N.R.M. Nelumdeniya</u>	SIZE DEPENDENCE OF HOST-GUEST INTERACTIONS OF β -CYCLODEXTRIN <i>IN SILICO</i>
8.20-8.30	70	C21.3	<u>N.C. Rathnayaka</u>	PANI/PCL BLENDED CONDUCTIVE AND BIODEGRADABLE NANO-FIBRE TWISTED YARNS FOR BIOMEDICAL APPLICATIONS
8.30-8.40	73	C21.4	<u>D.N.M. Kannanqara</u>	GENERATION OF A COARSE-GRAINED MOLECULAR MECHANICS MODEL FOR POLOXAMER MOLECULES
8.40-8.50	88	C21.5	<u>R. Dushanan</u>	INHIBITION OF HISTONE DEACETYLASE LIKE PROTEIN: INSIGHTS FROM COMPUTATIONAL STUDIES
8.50-9.00	176	C21.6	<u>S.N. Abeysingha</u>	Zn AND Ni BASED METAL-ORGANIC FRAMEWORKS FOR PHOTOVOLTAIC APPLICATION
9.00-9.10	178	C21.7	<u>B.V.N. Sewwandi</u>	GRAPHITIZED CARBON SPHERES (CSs) WITH HIERARCHICAL SURFACE MORPHOLOGY BY CHEMICAL VAPOUR DEPOSITION (CVD)
9.10-9.20	203	C21.8	<u>H. Begam</u>	Chemical Bath Deposition: An Effective Method for Deposition of Thin Films of Metal Organic Frameworks
9.20-10.00	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
10.30-12.30	PS5		Prof. M.Y.U. Ganehenege	Dr. Dimanthi Uduwela
	C22		Prof. C.V. Hettiarachchi	
Time	Abstract ID	Presenter ID	Presenter	Title
10.30-10.40	22	C22.1	<u><i>U.G.M. Ekanayake</i></u>	AN ELECTROSPRAY-BASED FABRICATION OF SILICA AEROGEL EMBEDDED POLYURETHANE ULTRAHYDROPHOBIC SURFACE
10.40-10.50	62(P)	C22.2	<u><i>P.N. Dissanayake</i></u>	ENHANCEMENT OF EFFICIENCY OF ZINC OXIDE BASED PHOTO-ELECTROCHEMICAL CELL BY COUPLING OF MULTIPLE DYES
10.50-11.00	92	C22.3	<u><i>P. Herath</i></u>	CONCENTRATION DEPENDENCE OF SINGLE BULB SONOLUMINESCENCE THRESHOLD IN SULFURIC ACID
11.00-11.10	171	C22.4	<u><i>B.M.N. Lakmini</i></u>	PHYCOREMEDIATION OF METHYLENE BLUE
11.10-11.20	211	C22.5	<u><i>S. Parakatawella</i></u>	UREA: ADIPIC (2:1) CO-CRYSTAL AS A SLOW RELEASE NITROGEN SOURCE
11.20-11.30	219	C22.6	<u><i>W. Jayawickrama</i></u>	CARBOXYMETHYL CELLULOSE COATED UREA INTERCALATED MONTMORILLONITE NANOCOMPOSITES FOR CONTROLLED RELEASE OF UREA
11.30-11.40	235	C22.7	<u><i>M.K.N. Ranasinghe</i></u>	HYDROTHERMAL SYNTHESIS AND CHARACTERIZATION OF MORDENITE
10.30-10.40	288	C22.8	<u><i>N.N.G. Chiranthika</i></u>	EVALUATION OF NUTRITIONAL AND PHYSICOCHEMICAL CHARACTERISTICS OF <i>Lasia spinosa</i> ROOT
10.40 -12.30	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
1.00-3.00	SE2		Dr. T.M.S.S.K. Yatigammana Ekanayake	Mr. Saumya Bandara
	G21		Dr. Pushpa Vitharana	
Time	Abstract ID	Presenter ID	Presenter	Title
1.00-1.10	69	G21.1	<u>P. Vijayakumaran</u>	EFFECT OF SELF-DETERMINATION THEORY IN PHYSICS TEACHING PROCESS IN JUNIOR SECONDARY CLASSES IN JAFFNA DISTRICT
1.10-1.20	173	G21.2	<u>T. Sakeetharan</u>	PERCEPTION OF SCIENCE TEACHERS TOWARDS CHEMISTRY LABORATORY WORK
1.20-1.30	184	G21.3	<u>W.A.S. Deshapriya</u>	EFFECT OF USING ESSENTIAL LEARNING CONCEPTS ON STUDENTS' G.C.E. (O/L) MATHEMATICS PERFORMANCE
1.30-1.40	285	G21.4	<u>D.K. Wijethunga</u>	USE OF ETHNOMATHEMATICS IN SECONDARY SCHOOL CURRICULUM: A CASE STUDY IN KANDY EDUCATION ZONE
1.40-1.50	293	G21.5	<u>D.M.M. Niroshani</u>	STUDENTS' PERFORMANCE AND PERCEPTIONS OF STUDENTS AND TEACHERS IN GRADE FIVE AND GRADE SIX MATHEMATICS: A CASE STUDY IN TRINCOMALEE EDUCATION ZONE
1.50-2.00	319	G21.6	<u>H.M.D.R. Senevirathna</u>	EFFECTIVENESS OF LABORATORY WORKSHOPS TO IMPROVE STUDENTS' SCIENCE PRACTICAL SKILLS: A CASE STUDY IN KATUGASTOTA EDUCATION ZONE
2.20-3.00	Panel Discussion			

Time	Theme	Session Chair	Academic Coordinator(Host)	
8.00-10.00	LS1	Prof. H.M.S.P. Madawala	Dr. Dilshan Beligala	
	D11	Prof. W.A.M. Daundasekara		
	Abstract ID	Presenter ID	Presenter	Title
8.00-8.10	47	D11.1	<u>A.T. Madhusankha</u>	ISOLATION AND CHARACTERIZATION OF <i>Lactobacillus</i> STRAINS FROM DOMESTIC CURD AND INVESTIGATION OF CURD FORMING ABILITY
8.10-8.20	130	D11.2	<u>A.D.D.M. Siriwardhana</u>	COMPARISON OF ANTIBIOTIC RESISTANCE PREVALENCE BETWEEN CATTLE FARMS IN KANDY AND KURUNEGALA DISTRICTS
8.20-8.30	135	D11.3	<u>B.M.S. Nilmini</u>	BIOACTIVE EXTRACTS FROM ENDOPHYTIC FUNGI ASSOCIATED WITH POPULAR ANTIDIABETIC MEDICINAL PLANT <i>Coccinia grandis</i>
8.30-8.40	183	D11.4	<u>E.A.I.A. Perera</u>	BIOACTIVE EXTRACTS FROM AN ENDOPHYTIC FUNGI FROM <i>Zingiber officinale</i>
8.40-8.50	185 (P)	D11.5	<u>R.W.T.M.R.T.K. Bowange</u>	MORPHOLOGICAL CHARACTERIZATION OF CYANOBACTERIA IN EXTREME ECOSYSTEMS OF SRI LANKA
8.50-9.00	265	D11.6	<u>H.M.N.S. Kumari</u>	HEALTH EXPENDITURES IN SRI LANKA
9.00-9.10	291 (P)	D11.7	<u>G. Janarny</u>	<i>IN VITRO</i> ANTIOXIDANT POTENTIAL AND TOTAL POLYPHENOLIC, FLAVONOID AND ANTHOCYANIN CONTENT OF EDIBLE FLOWERS IN SRI LANKA
9.10-10.00	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator (Host)
10.30-12.30	LS2		Prof. A. Wickramasinghe	Dr. Buddhie Nanayakkara
	D12		Prof. D. N. Karunaratne	
Time	Abstract ID	Presenter ID	Presenter	Title
10.30-10.40	16	D12.1	<u>A. Deen</u>	EFFECT OF PROCESSING ON BIOAVAILABILITY OF TOTAL PHENOL, TOTAL FLAVANOID AND ANTIOXIDANT CAPACITY OF COMMONLY CONSUMED LEGUMES IN SRI LANKA
10.40-10.50	28	D12.2	<u>R.M.S.T. Rathnayake</u>	MOF-199 IN CONTROLLED RELEASE OF DRUGS
10.50-11.00	75	D12.3	<u>T.M.T.D. Thennakoon</u>	SYNTHESIS OF DERIVATIVES OF OLEANOLIC ACID AND THEIR CYTOTOXICITY STUDIES
11.00-11.10	79	D12.4	<u>S.S.K. Marasinghe</u>	COMPARISON OF WATER AND OIL ABSORPTION CAPACITIES OF PARTIALLY DEFATTED COCONUT TESTA FLOUR FROM SELECTED SRI LANKAN COCONUT CULTIVARS
11.10-11.20	188	D12.5	<u>H.S.T. Kaushalya</u>	ENZYME INHIBITORY ACTIVITY OF TWO CARBAZOLE ALKALOIDS ISOLATED FROM <i>Murraya koenigii</i> (CURRY LEAVES)
11.20-11.30	269	D12.6	<u>A.B.W.R. Silva</u>	PHYTOCHEMICAL SCREENING, QUANTITATIVE ANALYSIS AND CYTOTOXIC POTENTIAL OF <i>Hemidesmus indicus</i> LEAF EXTRACTS IN VITRO
11.30-11.40	282	D12.7	<u>F.N. Ruffin</u>	ISOLATION OF CELLULOSE DEGRADING BACTERIA FROM SOIL AND OPTIMIZATION OF THEIR CELLULASE PRODUCTION
11.40-11.50	315	D12.8	<u>H.A.C.O. Hettiarachchi</u>	ANTIOXIDANT ACTIVITY AND PHENOLIC COMPOUNDS AVAILABLE IN METHANOLIC SEED EXTRACTS OF THREE <i>Annona</i> SPECIES
11.50-12.30	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator(Host)
1.00-3.00	LS3		Prof. D.M.D. Yakandawala	Mr. Chaminda Wijesundara
	H11		Dr. J.W. Damunupola	
Time	Abstract ID	Presenter ID	Presenter	Title
1.00-1.10	8	H11.1	<u>T. Lakkana</u>	DETECTING TRENDS IN FOREST DISTURBANCE AND RECOVERY USING LANDSAT TIME SERIES OF HORTON PLAIN NATIONAL PARK, SRI LANKA
1.10-1.20	10	H11.2	<u>S.M.N. Anjalee</u>	ASSESSING VARIATION OF BIOACTIVITY OF <i>Dendrophthoe falcata</i> ON THE HOST <i>Limonia acidissima</i> IN DIFFERENT ENVIRONMENTAL REGIONS OF SRI LANKA
1.20-1.30	21	H11.3	<u>N.G.D.N. Nikagolla</u>	ENHANCEMENT OF CHEMICAL DEFENSE AGAINST TWO POSTHARVEST FUNGAL PATHOGENS IN 'EMBUL' BANANA BY SOLUBLE SILICA TREATMENT
1.30-1.40	38	H11.4	<u>B. I. Dasanayaka</u>	Fruit characteristics and seed germination behavior of <i>Dillenia indica</i> (DILLENIACEAE)
1.40-1.50	39	H11.5	<u>D.M.H.R. Dissanayaka</u>	IDENTIFICATION OF FUNGAL PATHOGENS ASSOCIATED WITH FINGER MILLET (<i>Eleusine coracana</i>) IN SRI LANKA
1.50-2.00	128	H11.6	<u>M.P. Herath</u>	MOLECULAR DISCRIMINATION OF CEYLON CINNAMON (<i>Cinnamomum verum</i>) FROM ITS MAJOR ADULTERANT CHINESE CINNAMON (<i>C. aromaticum</i>)
2.00-2.10	214	H11.7	<u>G.K.S.N. Gajanayake</u>	ASSESSMENT OF BLAST DISEASE DAMAGE IN FINGER MILLET FARMER FIELDS: A PRELIMINARY INVESTIGATION
2.10-2.20	216	H11.8	<u>C.L. Kehelpannala</u>	ANTIFUNAGAL NAPHTHOQUINONES FROM FUNGUS <i>Monacrosporium ambrosium</i> FROM <i>Camellia sinensis</i>
2.20-3.00	Panel Discussion			

Time	Theme		Session Chair	Academic Coordinator(Host)
3.30-5.30	LS4		Prof. S. Boyagoda	Ms. Chathurika Munasinghe
	H12		Prof. W.A.P.P. De Silva	
Time	Abstract ID	Presenter ID	Presenter	Title
3.30-3.40	3	H12.1	<u>J.M.S. Jayaweera</u>	EFFECT OF EXCESSIVE CONCENTRATION OF ANTICOAGULANT DIPOTASSIUM ETHYLENE DIAMINE TETRAACETIC ACID ON COMPLETE BLOOD COUNT
3.40-3.50	17	H12.2	<u>K.G.D.D. Thilakarathne</u>	SPATIAL ARRANGEMENT OF TERRESTRIAL PEST GASTROPODS IN AGRICULTURAL LANDS IN THE NUWARA ELIYA DISTRICT, SRI LANKA
3.50-4.00	54	H12.3	<u>S.S. Thilakarathne</u>	GASTRO-INTESTINAL PARASITES OF WET AND DRY ZONE TOQUE MACAQUES (<i>Macaca sinica</i>) AND THEIR ZOONOTIC AND ANTHROPONOTIC POTENTIAL
4.00-4.10	65	H12.4	<u>H.D.N.D. Abayawardena</u>	EFFECTS OF LITHIUM ON CANONICAL WNT SIGNALING DURING THE EMBRYONIC DEVELOPMENT OF SIAMESE FIGHTER FISH, <i>Betta splendens</i>
4.10-4.20	103	H12.5	<u>R.A.S. Ranatunga</u>	CANINE BABESIOSIS: PREVALENCE, INTENSITY AND MOLECULAR IDENTIFICATION OF <i>Babesia</i> SPECIES IN DOGS BROUGHT TO VETERINARY TEACHING HOSPITAL, PERADENIYA
4.20-4.30	122	H12.6	<u>P.S. Jayathilake</u>	CANINE VECTOR BORNE DISEASES OF WORKING MILITARY DOGS OF SRI LANKA AIR FORCE, FREE-ROAMING AND PRIVATELY OWNED DOGS
4.30-4.40	124	H12.7	<u>C.D. Wickramasinghe</u>	MITOCHONDRIAL DNA BASED PHYLOGENY OF SRI LANKAN SUNBIRDS (PASSERIFORMES: NECTARINIIDAE)
4.40-4.50	295	H12.8	<u>S.D.D.R. Kumara</u>	ANALYSIS OF THE SEVERITY OF THE ACCIDENTS IN THE SOUTHERN EXPRESSWAY
4.50-5.30	Panel Discussion			

Time	Theme	Session Chair	Host	
8.00-10.00	LS5	Prof. C.L. Abayasekara	Dr. Pyumali Perera	
	D21	Prof. R.G.S.C. Rajapakse		
Time	Abstract ID	Presenter ID	Presenter	Title
8.00-8.10	6	D21.1	<i>T. Vithushana</i>	DEVELOPMENT AND EVALUATION OF SET YOGHURT INCORPORATED WITH ALOE VERA GEL AS BIO-PRESERVATIVE
8.10-8.20	131	D21.2	<i>K.A.H. Kumara</i>	ANTIOXIDANT, ANTIMICROBIAL AND PHYTOCHEMICAL SCREENING OF <i>Micromelum minutum</i> LEAF EXTRACTS
8.20-8.30	191	D21.3	<i>J.M.J. Jayasundara</i>	CYTOTOXIC POTENTIAL OF α , β -UNSATURATED KETONES OF 3 β -[(α -L-ARABINOPYRANOSYL)OXY]OLEAN-12-EN-28-OIC ACID IN HUMAN NON-SMALL CELL LUNG CANCER (NCI-H292) CELLS USING SULFORHODAMINE B ASSAY
8.30-8.40	221	D21.4	<i>N.E. Weerawarna</i>	METHOD MODIFICATION AND DEVELOPMENT FOR ANALYSIS OF SYNTHETIC FOOD COLOURANTS
8.40-8.50	229	D21.5	<i>W.G.D. Wickramasingha</i>	MODIFICATIONS OF C-3 AND ANTIBACTERIAL ACTIVITY OF 6 β -HYDROXYBETUNOLIC ACID
8.50-9.00	239	D21.6	<i>R. Thatparan</i>	CELL LINE BASED RESEARCH ON HEPATO PROTECTIVE PLANTS MENTIONED IN AYURVEDA: A REVIEW
9.00-9.10	257	D21.7	<i>L.I. Weerasinghe</i>	COMPARISON OF THREE BIO-PROCESSING METHODS IN ETHANOL PRODUCTION: A POTENTIAL GREEN SOLUTION FOR FUTURE ENERGY CRISIS
9.10-9.20	281	D21.8	<i>J.A.D.D. Karunarathna</i>	ISOLATION OF LIPOLYTIC BACTERIA FROM OIL CONTAMINATED SOIL AND PRODUCTION OF LIPASES
9.20-10.00	Panel Discussion			

Time	Theme	Session Chair	Academic Coordinator(Host)	
10.30-12.30	LS6	Prof. G.A.D. Perera	Dr. Priyanga Wijesinghe	
	D22	Prof. K.M.G.G. Jayasuriya		
Time	Abstract ID	Presenter ID	Presenter	Title
10.30-10.40	9	D22.1	<i>D.G. Rajapaksha</i>	BIOLOGICAL ACTIVITY OF <i>Exacum trinervium</i>
10.40-10.50	71	D22.2	<i>K.J.W. Rajapaksa</i>	DETERMINATION OF BIOACTIVITY AND ISOLATION OF GARCINOL IN <i>Garcinia quaesita</i>
10.50-11.00	101	D22.3	<i>E.H.C.M. Eeriyawala</i>	POLLEN BIOLOGY AND STIGMA RECEPTIVITY OF <i>Osbeckia lanata</i> ALSTON. (MELASTOMATACEAE)
11.00-11.10	107	D22.4	<i>M.M.N. Damayanthi</i>	EFFECT OF EXOGENOUS APPLICATION OF SALICYLIC ACID ON ALLEVIATION OF DROUGHT STRESS OF IMMATURE TEA (<i>Camellia sinensis</i>) PLANTS
11.10-11.20	132	D22.5	<i>K.M.C.N. Kulanthunga</i>	USE OF SPOROPHYTIC CHARACTERS IN THE IDENTIFICATION OF MOSSES (PHYLUM BRYOPHYTA)
11.20-11.30	133	D22.6	<i>U.M.S.Y. Bandara</i>	A PRELIMINARY STUDY OF MICROCLIMATIC CONDITIONS ON OCCURRENCE OF BRYOPHYTES
11.30-11.40	150 (P)	D22.7	<i>G.M. Lakshani</i>	HEALTHY <i>Polyscias balfouriana</i> ROOTED CUTTINGS FOR LOCAL AND EXPORT FLORICULTURE INDUSTRY
11.40-11.50	230 (P)	D22.8	<i>F. Fareed</i>	CURRENT STATUS OF IVORY TRADE IN SRI LANKA: KNOWLEDGE AND PRACTICES OF LOCAL VENDORS
11.50-12.30	Panel Discussion			

Time	Theme	Session Chair	Academic Coordinator(Host)	
1.00-3.00	LS7	Prof. W.A.I.P. Karunaratne	Dr. Suranjith Gama-arachchige	
	H21	Dr. S.C.K. Rubasinghe		
Time	Abstract ID	Presenter ID	Presenter	Title
1.00-1.10	129	H21.1	<u>H.M.P. Herath</u>	ISOLATION AND AMPLIFICATION OF GENOMIC DNA FROM POWDERED ADMIXTURE OF BLACK PEPPER AND ITS MAJOR ADULTERANTS
1.10-1.20	167	H21.2	<u>M.O. Galappaththi</u>	CYTOTOXIC EFFECTS OF <i>Carica papaya</i> LEAF EXTRACT AGAINST C6/36 <i>Aedes albopictus</i> CELLS
1.20-1.30	174	H21.3	<u>J.R. Wakkumbura</u>	Re-evaluating the species limits of <i>Aponogeton kannangarae</i> and <i>Aponogeton jacobsenii</i> using ISSR data
1.30-1.40	187	H21.4	<u>U.N. Bokalamulla</u>	SPECIES LIMITS OF <i>Lagenandra</i> IN SRI LANKA USING MOLECULAR DATA
1.40-1.50	189	H21.5	<u>A. Satkunanathan</u>	A PRELIMINARY PHYLOGENY AND MORPHOLOGICAL ANALYSIS OF GENUS <i>Epidelaxia</i> (ARANEAE: SALTICIDAE) IN SRI LANKA
1.50-2.00	190	H21.6	<u>M. Tharmarajan</u>	MOLECULAR PHYLOGENY AND TAXONOMY OF GENERA <i>Argyrodes</i> AND <i>Rhomphaea</i> (ARANEAE: THERIDIIDAE) IN SRI LANKA
2.00-2.10	250	H21.7	<u>J.M.M.K. Herath</u>	ASSOCIATION OF ENTOMOLOGICAL INDICES OF DENGUE VECTORS WITH WEATHER VARIABLES IN KURUNEGALA DISTRICT
2.10-2.20	287 (P)	H21.8	<u>W.G.D. Chathuranga</u>	VERTICAL DISTRIBUTION OF ORNITHOPHILIC MOSQUITOES IN FORESTED HABITATS OF CENTRAL SRI LANKA
2.20-3.00	Panel Discussion			

Time	Theme	Session Chair	Academic Coordinator(Host)	
3.30-5.30	LS8	Prof. R.S. Rajakaruna	Dr. Dilshan Beligala	
	H22	Dr. K. Pethiyagoda		
Time	Abstract ID	Presenter ID	Presenter	Title
3.30-3.40	55	H22.1	<i>Manori S. Amarajeewa</i>	NUTRITIONAL AND HEALTH STATUS OF RURAL ELDERLY ATTENDING AYURVEDA MOBILE HEALTH CLINICS AT HANGURANKETHA AND MEDADUMBARA
3.40-3.50	68	H22.2	<i>M. Shafras</i>	PEDIGREE ANALYSIS OF TYPE 2 DIABETES MELLITUS INHERITANCE PATTERN IN PATIENTS ATTENDING DIABETIC CLINIC, NATIONAL HOSPITAL, KANDY, SRI LANKA
3.50-4.00	80 (P)	H22.3	<i>J.M.P.S. Madamarandawala</i>	PREVALENCE OF DRUG RESISTANCE AMONG TUBERCULOSIS PATIENTS IN KANDY, SRI LANKA AND ASSOCIATED FACTORS
4.00-4.10	137	H22.4	<i>S.G.S. Prashadini</i>	DETECTION OF <i>Dirofilaria repens</i> IN PET DOGS IN NUGEGODA AREA IN COLOMBO DISTRICT, SRI LANKA
4.10-4.20	182	H22.5	<i>R. Salih</i>	PREVALENCE OF <i>Porphyrromonas gingivalis</i> AND <i>Streptococcus mutans</i> IN DENTURE-BIOFILMS FROM A GROUP OF COMPLETE-DENTURE WEARERS ATTENDING DENTAL HOSPITAL (TEACHING), PERADENIYA, SRI LANKA
4.20-4.30	222	H22.6	<i>S.U. Galketiyahewage</i>	GROUNDWATER QUALITY AND ANTIBIOTIC RESISTANCE OF BACTERIA IN WILGAMUWA, AN AREA OF CHRONIC KIDNEY DISEASE OF UNKNOWN ETIOLOGY (CKDu) IN SRI LANKA
4.30-4.40	241	H22.7	<i>L.H.S. Umayangani</i>	ASSESSMENT OF INDIGENOUS TREATMENT REGIMEN IN THE MANAGEMENT OF BLADDER CARCINOMA: A CASE SERIES
4.40-4.50	298	H22.8	<i>H.A.D.B. Amarasiri</i>	POSSIBLE DRUG-DRUG INTERACTIONS IN PRESCRIPTIONS OF DISCHARGED PATIENTS AT A SELECTED TEACHING HOSPITAL IN COLOMBO DISTRICT
4.50-5.30	Panel Discussion			