

**"Research and Innovations for Global Challenges"**

**PERADENIYA UNIVERSITY  
INTERNATIONAL RESEARCH SESSIONS**



**24<sup>th</sup> November 2017**

PROGRAMME

University of Peradeniya, Sri Lanka



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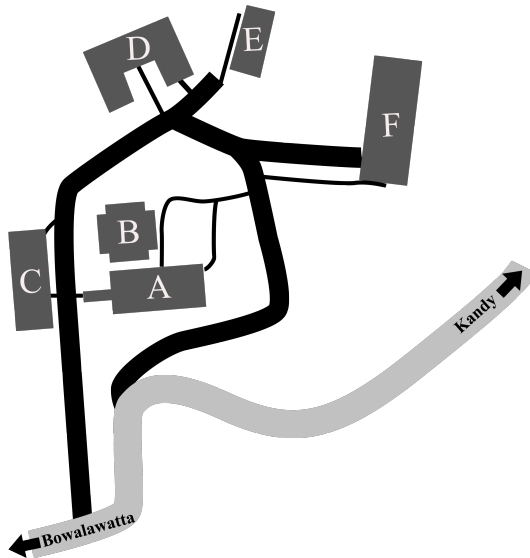


## **1. iPURSE-2017: Themes**

<b>Theme</b>	<b>Code</b>
Climate, Environment & Earth Sciences	CEES
Economics & Management	EM
Education	EDU
Engineering & Built Environment	EBE
Food, Nutrition & Livestock	FNL
Health Sciences	HS
IT, Mathematics & Statistics	IMS
Natural Sciences	NS
Plant Sciences & Forestry	PSF
Social Sciences & Humanities	SSH

## 2. Venues of Technical Sessions

Building	Floor	Room No.
A	Ground	A-01
	First	A-11, A-12
	Second	A-21
B	First	B-11, B-12
C	Ground	C-01
D	Ground	D-01
E	Ground	E-01
F	Third	F-31



### 3. Venue Allocation for Technical Sessions

#### Oral Presentations

Room No.	Morning Session (10:30 – 13:00)	Afternoon Session (14:00 – 16:00)	Evening Session (16:15 – 17:45)
A-01	EM	EDU	EM
A-11	HS	HS	HS
A-12	HS	FNL	FNL
A-21	HS	HS	HS
B-11	SSH	SSH	SSH
B-12	SSH	SSH	SSH
C-01	EBE	EBE	
D-01	PSF	CEES	CEES
E-01	NS	NS	
F-31	IMS	IMS	IMS

#### Poster Presentations

Venue: Basement, Diamond Jubilee Building (F-01)

E-Posters will be displayed on 42" (Diagonal) LCD screens from 08.00 to 17.00 on 24<sup>th</sup> of November 2017

Poster Evaluation: 13:00 – 14.00

## **4. Programme of the Inaugural Session**

<b>Time</b>	<b>Item</b>
7:30	Registration
8:00	Arrival of the Chief Guest
8:10	Ceremonial Procession University Anthem Lighting of the Oil Lamp
8:30	Welcome Address by Prof. Upul B. Dissanayake Vice-Chancellor, University of Peradeniya
8.45	Address by the Chief Guest Deshabandu Prof. Tuley De Silva Chancellor, Wayamba University of Sri Lanka
9:15	Introduction to iPURSE 2017 : Video Presentation
9:30	Vote of Thanks by Dr. H.M.T.U. Herath Chairperson, iPURSE 2017
9:40	National Anthem
9:45	Refreshments

Venue: Third Floor, Diamond Jubilee Building (F-31)

## **5. Programme of the Technical Sessions**



## 5.1. Climate, Environment & Earth Sciences

**Theme: Climate, Environment & Earth Sciences (CEES)**

**Afternoon Session, 14:00 – 16:00**

**Room: D-01**

**Chairpersons: Prof. R.L. Rohana Chandrajith & Prof. M.Y.U. Ganehenege**

Paper ID	Time	Title and Author/s
143	14:00	DETERMINATION OF ALDEHYDES IN RAINWATER <i>R.P.B.M. Rajapakse, S.D.M. Chinthaka</i>
172	14:15	DESIGN AND DEVELOPMENT OF ULTRASONIC APPLICATION SYSTEM IN WASTEWATER TREATMENT <i>Suganya Elayathamby, B.F.A. Basnayake, K.S.P. Amaratunga, R.T.K. Ariyawansa</i>
192	14:30	AN ASSESSMENT OF THE ECONOMIC IMPACT OF LANDSLIDES IN RELATION TO ESTIMATED HAZARD POTENTIAL IN HALI-ELA DIVISIONAL SECRETARIAT OF SRI LANKA <i>G. Sharunya, S. Sutharshan</i>
494	14:45	EFFECT OF DIFFERENT CADMIUM CONCENTRATIONS ON GROWTH AND PHYTOREMEDIATION POTENTIAL OF EICHHORNIA CRASSIPES (MART.) SOLMS (WATER HYACINTH) <i>D.N.M. Gunathilaka, R.P. Hettiarachchi, P.N .Yapa</i>
495	15:00	SYNTHESIS OF POROUS CALCIUM CARBONATE NANOPARTICLES FOR THE REMOVAL OF FLUORIDE FROM WATER SOURCES AS A SOLUTION FOR CKDU <i>K.G.M.D. Abeykoon, S.P. Dunuweera, R.M.G. Rajapakse</i>

**Theme: Climate, Environment & Earth Sciences (CEES)**

**Evening Session, 16:15 – 17:45**

**Room: D-01**

**Chairpersons: Prof. Rohan Weerasooriya & Prof. T. Hewawasam**

Paper ID	Time	Title and Author/s
129	16:15	MAPPING COASTAL FRINGE COMMUNITY VARIABILITY OF POTTUVIL USING HIGH-RESOLUTION KITE AERIAL PHOTOGRAPHY <i>B.D. Madurapperuma, J.E. Dellysse, A.L. Iyoob, I.L.M. Zahir</i>
140	16:30	GEOGRAPHIC INFORMATION SYSTEM (GIS) APPLICATION TO DETERMINE SUITABLE SITES FOR RICE MILLS IN POLONNARUWA DISTRICT <i>M.D.N. Chandramali, A. Gunewardena, K.K.S.A. Withanage, J. Gunathilake</i>
194	16:45	POTENTIAL BIOAVAILABILITY OF TRACE ELEMENTS IN VEGETABLE-BASED CROPPING SYSTEMS IN THE UPCOUNTRY OF SRI LANKA <i>Ashani M. Thilakarathne, Chammi P. Attanayake, R.M.E. Prasadini, M.M.C.B. Ekanayake</i>
197	17:00	ANCIENT IRRIGATION WORKS OF UVA-WELLASSA AND ITS SIGNIFICANCE FOR IRRIGATION HERITAGE OF SRI LANKA <i>P.G.I.L. Dilani, M.P. Perera, H.M.I. Herath</i>
332	17:15	APPLICATION OF NON-LINEARIZED TWO-PARAMETER AND THREE-PARAMETER ISOTHERM MODELS ON BIOSORPTION OF Cd(II) ON JACK FRUIT PEELS <i>S.H. Ranasinghe, A.N. Navaratne, N. Priyantha</i>
451	17:30	ESTIMATION OF AMBIENT AIR QUALITY LEVELS IN HORTON PLAINS NATIONAL PARK USING PASSIVE GAS SAMPLING TECHNIQUE <i>R.A.D.C. Ranathunga, E.P. Kudavidanage, H.D.S. Premasiri</i>

## 5.2. Economics & Management

### **Theme: Economics & Management (EM)**

**Morning Session, 10:30 – 13:00**

**Room: A-01**

**Chairpersons: Mr. W.P.R. Wickramaratne & Mrs. Sujeeva Kodituwakku**

Paper ID	Time	Title and Author/s
32	10:30	ANALYSIS OF THE ROLE OF FINANCIAL REWARDS IN DETERMINING AFFECTIVE COMMITMENT, NORMATIVE COMMITMENT AND CONTINUANCE COMMITMENT OF GOVERNMENT SCHOOLS TEACHERS IN NORTH WESTERN PROVINCE OF SRI LANKA <i>P.A.B.H. Amarathunga, U.L. Heart</i>
83	10:45	TOWARDS A MODEL TO ANALYZE THE MODERATING EFFECT OF RISK MANAGEMENT PRACTICES ON THE RELATIONSHIP BETWEEN RISK APPETITE AND BUSINESS PERFORMANCE OF SMALL AND MEDIUM ENTERPRISES <i>D. Bandara, A. Ekanayake</i>
108	11:00	PROPOSITIONS TO EXAMINE ROLE OF ACCOUNTING IN GOVERNANCE OF STATE UNIVERSITIES IN SRI LANKA <i>T. Weerasekera, A. Ekanayake</i>
134	11:15	ROLE OF SMALL-SCALE MILLERS IN RICE MARKETING, AND THEIR EFFECT ON SMALL FARMERS AND CONSUMERS <i>R.M.C.K. Rathnayake, L.H.P. Gunaratne</i>
141	11:30	IS ACADEMIC PERFORMANCE REFLECTED IN THE SALARY? AN ANALYSIS OF SALARIES OF RECENT GRADUATES OF FACULTY OF AGRICULTURE, UNIVERSITY OF PERADENIYA <i>T.H.C.S. Swarnathilake, R. Tharsika, M.A.T.D. Malewana, D.V.P. Prasada</i>
211	11:45	SUSTAINABILITY CAPABILITIES AND COMPETITIVE ADVANTAGE: EXAMINING THE USE OF SUSTAINABILITY CONTROL SYSTEMS <i>C. Wijethilake, A. Ekanayake</i>
369	12:00	KNOWLEDGE OF SUSTAINABILITY AMONG FUTURE LEADERS: A CASE STUDY OF UNDERGRADUATES IN RAJARATA UNIVERSITY OF SRI LANKA <i>S.N. Kodithuwakku, J.M.S.B. Jayasundara</i>
479	12:15	SUPPLIER DEVELOPMENT PRACTICES & ITS IMPACT ON THE PERFORMANCE OF CLOTHING MANUFACTURERS IN SRI LANKA

		<i>H.L.M. De Silva, P.G.A. Jayarathne</i>
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**Theme: Economics & Management (EM)**

**Evening Session, 16:15 – 17:45**

**Room: A-01**

**Chairpersons: Dr. Athula Ekanayake & Dr. Suresh De Mel**

Paper ID	Time	Title and Author/s
10	16:15	FORECASTING GROSS DOMESTIC PRODUCTION (GDP) OF SRI LANKA FROM 2016-2025: AN EMPIRICAL STUDY <i>E.V.D. Dilhani</i>
116	16:30	FARMER PARTICIPATION IN PADDY WAREHOUSE RECEIPTS FINANCING: A QUANTITATIVE ANALYSIS <i>K.C. Premarathne, D.V.P. Prasada</i>
176	16:45	THE EFFECT OF INCOME INEQUALITY ON TAX REVENUE: SRI LANKAN EXPERIENCE AND IMPLICATIONS <i>G.P. Paranamana, J.G. Sri Ranjith</i>
366	17:00	AN EMPIRICAL TIME SERIES STUDY ON SRI LANKAN TEA PRODUCTION AND AUCTION PRICES <i>A. Gamage</i>
382	17:15	FORECASTING FOREIGN GUEST NIGHTS IN SOUTHERN COAST OF SRI LANKA <i>K.M.U.B. Konarasinghe</i>
417	17:30	EVOLUTION AND DISTRIBUTION OF THE SERVICE SECTOR IN KANDY CITY <i>E.M.T.K. Ekanayake, D.M.L. Dissanayake</i>

### 5.3. Education

**Theme: Education (EDU)**

**Afternoon Session, 14:00 – 16:00**

**Room: A-01**

**Chairpersons: Dr. Susila Embekke & Dr. Pushpa Vitharana**

Paper ID	Time	Title and Author/s
24	14:00	RELATIONSHIP BETWEEN INVOLVEMENT IN SRI LANKAN STUDENT LED PEER ASSISTED LEARNING (PAL) – KUPPI CLASSES AND ACADEMIC PERFORMANCE: FINDINGS FROM PERADENIYA MEDICAL STUDENTS <i>A. Rajaratnam, A.A.R.M.N.S. Rathnayake, H.A. Ranawakaarachchi, A.R.M.T.C. Rathnayaka, K.N. Marambe</i>
59	14:15	EFFECTIVENESS OF PROCEDURAL VIDEO VERSES LIVE DEMONSTRATIONS IN TEACHING LABORATORY TECHNIQUES TO DENTAL STUDENTS <i>I.P.Thilakumara, J.A.V.P.Jayasinghe, R.M.Jayasinghe, R.M.S.G.K.Rasnayaka, S. Abeyundara</i>
76	14:30	A STUDY TO EXPLORE THE RELATIONSHIP BETWEEN ENGLISH LANGUAGE PROFICIENCY AND ACADEMIC PERFORMANCE OF SINHALA AND TAMIL UNDERGRADUATES IN A SELECTED SUBJECT AREA THAT PROVIDES INSTRUCTIONS IN THE ENGLISH MEDIUM <i>R.W.M.S.M. Swarnasinghe</i>
146	14:45	STUDENT ACADEMIC ACHIEVEMENTS AT ENTRY AND EXIT : A QUANTITATIVE ANALYSIS OF Z-SCORE AND CUMULATIVE GRADE POINT AVERAGE (CGPA) <i>K. Udani, M. P. Rasanka, G. A. A. S Galagamaarachchi, D. V. P. Prasada</i>
226	15:00	EXPLORE PERCEPTION ABOUT REFLECTIVE PORTFOLIO IN NURSING EDUCATION <i>A.U. Rathnayake, S.N. Chathurika</i>
236	15:15	IMPACT OF STUDENTS' SELF-PERCEIVED ENGLISH PROFICIENCY ON THEIR PERFORMANCE IN SECOND LANGUAGE LEARNING <i>Deepthi A. Kelanigama</i>
248	15:30	CORRELATION ANALYSIS BETWEEN STUDENTS' ON-LINE ACCESS BEHAVIOUR AND LEARNING STYLE <i>I.P. Ratnapala, R.G. Ragel, S. Deegalla</i>

412	15:45	FINDING SOLUTIONS TO SOLVE PRACTICAL PROBLEMS IN TEACHING FRENCH AT THE SECONDARY LEVEL EDUCATION IN SRI LANKA: LONGITUDINAL COLLABORATIVE ACTION RESEARCH (CAR) <i>Prasad Sethunga, <u>Kusantha Herat</u></i>
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## 5.4. Engineering & Built Environment

### **Theme: Engineering & Built Environment (EBE)**

**Morning Session, 10:30 – 13:00**

**Room: C-01**

**Chairpersons: Prof. Ranjith Dissanayake & Dr. K.G.N. Nanayakkara**

Paper ID	Time	Title and Author/s
25	10:30	DEVELOPMENT OF AUTOMATED 3D CAD AND ANALYTICAL MODELS OF LARGE-SCALE BRIDGE STRUCTURES FOR RIGOROUS SEISMIC RESPONSE ANALYSIS <i>J.A.S.C. Jayasinghe, C.S. Bandara</i>
84	10:45	A GIS BASED MULTI - CRITERIA DECISION ANALYSIS (MCDA) FOR RESIDENTIAL SUITABILITY IN KANDY MUNICIPAL COUNCIL <i>W.K.N.C. Withanage</i>
193	11:00	RAIL BALLAST STABILISED WITH RECYCLED TYRE WASTE TO MITIGATE THE DEFORMATION AND DEGRADATION CHARACTERISTICS OF BALLAST ON STIFF TRACK SUBSTRUCTURE <i>S.K. Navaratnarajah</i>
249	11:15	NIGHT TIME VISIBILITY OF CROSSING PEDESTRIANS <i>K.K.S.Rashmina, N.W.Gunawardana, V. Wickramasinghe</i>
257	11:30	DEVELOPMENT OF A SWAT BASED RAINFALL RUNOFF MODEL FOR THE KIRINDI OYA BASIN <i>H.M.T.D. Herath, H.M.C.L. Herath, K.D.W. Nandalal</i>
297	11:45	ANCIENT BUILT ENVIRONMENTAL STUDY OF LUNUKANDA IN GALWILA FOREST PUTTALAM - SRI LANKA <i>Dilan C. Ranaweera, Ranil P. Nanayakkara, R.P.D. Kularatne, A.M.P. Senanayaka</i>
383	12:00	CHARACTERISTIC STRENGTH OF REINFORCING STEEL BARS USED IN SRI LANKA - A PROPOSAL TO SRI LANKAN NATIONAL ANNEX OF EUROCODE 2 <i>C.S. Bandara, J.A.S.C. Jayasinghe, P.B.R. Dissanayake</i>
403	12:15	PRECAST CONCRETE SEGMENTAL LINING METHOD FOR IRRIGATION CANALS IN SRI LANKA <i>E.M.S.M.K. Ekanayake, C.K. Pathirana</i>
414	12:30	IMPACT OF FACTORY ENVIRONMENTAL CONDITIONS ON WORKERS' PRODUCTIVITY AND HEALTH IN RUBBER COMPOUND

		MANUFACTURING <i>D.P.A. Meegapola, R.A.R. Prabodanie</i>
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**Theme: Engineering & Built Environment (EBE)**

**Afternoon Session, 14:00 – 16:00**

**Room: C-01**

**Chairpersons: Dr. D.A.A.C. Ratnaweera & Dr. D.H.S. Maithripala**

Paper ID	Time	Title and Author/s
36	14:00	ANALYTICAL AND NUMERICAL MODELING OF INDUCTION HEATING <i>W.M.L.T. Weerakoon, D.H.S. Maithripala</i>
78	14:15	STUDY OF POLLUTANTS FORMATION FROM E6 AND E14 GASOHOL WITH 55 KW DACIA RENAULT ENGINE <i>I.W. Kularathne, Stelian Tarulescu, A.C. Ratnaweera, C.S. Kalpage</i>
80	14:30	CURRENT TRENDS IN STEP-NC COMPLAINT CNC SYSTEMS – A REVIEW <i>M. Dharmawardhana, D.A.A.C. Rathnaweera</i>
135	14:45	FORMING & MACHINING: AN ECONOMICAL SEQUENCE IN THE MANUFACTURE OF PRECISION COMPONENTS <i>S.A.S.P. Sathurusinghe, K.R.B. Herath, S.D. Pathirana</i>
418	15:00	MODELLING AND SIMULATION OF SESAME SEED OIL EXTRACTION IN A SEKKU UNDER UNMIXED AND COMPLETELY MIXED SCENARIOS <i>A.A.K. Wijerathna, K.S. Walgama, R. Shanthini</i>
469	15:15	THE CORRELATION BETWEEN AREA OF LATEX PENETRATION AND ABRASION RESISTANCE OF INDUSTRIAL GLOVES <i>H.A.D. Perera, P. Gamaage, S. Kanagasingham</i>



## 5.5. Food, Nutrition & Livestock

### **Theme: Food, Nutrition & Livestock (FNL)**

**Afternoon Session, 14:00 – 16:00**

**Room: A-12**

**Chairpersons: Prof. T. Madhujith & Dr. Eresha Mendis**

Paper ID	Time	Title and Author/s
13	14:00	OPTIMIZATION OF SINGLE CELL PROTEIN PRODUCTION FROM BANANA FRUIT JUICE USING PALMYRAH TODDY MIX UNDER LIQUID FERMENTATION SYSTEM <i>R. Sarathadevi, R. Kapilan, S. Vasantharuba</i>
35	14:15	EFFICACY OF SOLUBLE SILICON IN EXTENDING THE SHELF LIFE OF BANANA <i>N.G.D.N. Nikagolla, S.M.B.C. Samarakoon, W.A.M. Daundasekera, M.Y. Udugala-Ganehenege</i>
56	14:30	NUTRITIONAL COMPOSITION AND GLYCAEMIC RESPONSE OF TWO TRADITIONAL SRI LANKAN MEALS <i>K.G. Wijesinghe, S. Ekanayake</i>
169	14:45	FUNCTIONAL PROPERTIES OF GAHALA (COLOCASIA ESCULENTA), KIRIALA (XANTHOSOMA SAGITTIFOLIUM) AND INNALA (PLECTRANTHUS ROTUNDIFOLIUS) FLOUR <i>H.A.C.O. Hettiarachchi, K.D.P.P. Gunathilake, A.M.M.U. Adikari, V.P.N. Prasad</i>
181	15:00	GLYCAEMIC INDEX AND ANTIOXIDANT ACTIVITIES OF CEREAL AND LEGUME MIXED DISHES AS AFFECTED BY PREPARATION METHODS <i>H.M.A.J. Herath, T. Kanthasamy, A.R.F. Sharbeen, N.G. Wijesinghe, G.A.P. Chandrasekara</i>
216	15:15	DEVELOPMENT OF A NON-DAIRY CONDENSED MILK PRODUCT USING CREAMED COCONUT AND SOY MILK <i>H.M.R. Hemanthika, C.A. Hettiarachchi, R.P.M.J. Rajapakse</i>
253	15:30	EFFECT OF THERMAL TREATMENTS AND PACKING MATERIALS ON THE QUALITY OF SRI LANKAN BEE HONEY <i>R.P.A.T.T. Rathnasekara, H.P.S. Jayaweera, A.M.M.U. Adikari</i>
420	15:45	RADICAL SCAVENGING ACTIVITY OF COTTAGE-SCALE DARK CHOCOLATE PRODUCED FROM ROASTED COCOA BEANS <i>A.R.W.M.M.U.B. Amarakoon, J.A.S. Dinushan, R. Shanthini, A.M.W. Menike</i>

**Theme: Food, Nutrition & Livestock (FNL)**

**Evening Session, 16:15 – 17:45**

**Room: A-12**

**Chairpersons: Prof. H.B.S. Ariyaratne & Dr. P.G.A. Pushpakumara**

Paper ID	Time	Title and Author/s
127	16:15	INTRAPULMONARY DELIVERY OF CYTOSINE PHOSPHODIESTER GUANINE OLIGONUCLEOTIDES PROTECTS NEONATAL BROILER CHICKS AGAINST ESCHERICHIA COLI SEPTICAEMIA <i>K. Goonewardene, S. Popowich, S. Tikoo, M. Foldvari, P. Willson, T. Gunawardana, S. Kurukulasuriya, A. Gupta, R. Karunarathna, K. Ahmed, S. Gomis</i>
212	16:30	IDENTIFICATION OF TWO NOVEL CELL TYPES IN THE BOVINE EPIDIDYMIS <i>M.H.T.D. Jayathilake, T.A.N. Mahakapuge, K.A.S. Nadeeshani, I.P.G.H.U. Dissanayake, D.M.S. Munasinghe</i>
270	16:45	EFFECT OF FLOORING CONDITIONS AND STALL DIMENSIONS ON PREVALENCE OF HOCK WOUNDS AND LAMENESS OF DAIRY COWS IN CENTRAL PROVINCE, SRI LANKA <i>W.P.C.G. Weerasinghe, T.S. Samarakone, E. Rajapaksha, M.B.P.K. Mahipala</i>
433	17:00	DESIGN AND MANUFACTURE OF A LOW-COST FEED MIXER TO PRODUCE TOTAL MIXED RATION (TMR) FOR DAIRY CATTLE <i>K.L.M.S. Perera, A.L.U.K. Hewagama, K.S.P. Amarathunga, W.M.P.B. Weerasinghe, R.A.C. Rabel</i>
480	17:15	EARLY PREGNANCY DIAGNOSIS USING TRANSRECTAL COLOUR DOPPLER ULTRASONOGRAPHY AND SERUM ISG15 MRNA ASSAY IN DAIRY COWS <i>K.I.M. De Silva, W.M.T.D. Rathnakumara, N. Abayalath, P.A.B.D. Alexander, M.P.B. Wijayagunawardhane, S.P. Kodithuwakku</i>
485	17:30	ANTIMICROBIAL SENSITIVITY PATTERNS OF FAECAL ESCHERICHIA COLI ISOLATES FROM A TOUQUE MONKEY (MACACA SINICA SINICA) TROOP IN CLOSE CONTACT WITH HUMANS IN SOUTHERN SRI LANKA <i>T.R. Kulathunga, M.T.L.K. Jayasumana, M.G.C.M. Jayasinghe, H.R.N. Jinadasa</i>

## 5.6. Health Sciences

### **Theme: Health Sciences (HS)**

**Morning Session, 10:30 – 13:00**

**Room: A-11**

**Chairpersons: Prof. F. Noordeen & Dr. K.P. Maduwage**

Paper ID	Time	Title and Author/s
11	10:30	POTENTIAL ANTIBACTERIAL AND ANTIBIOFILM ACTIVITY OF CURCUMIN ENCAPSULATED LAYERED DOUBLE HYDROXIDES AGAINST <i>S. AUREUS</i> AND <i>E. FAECALIS</i> <i>G.K. Wijesinghe, B. Gayani, K.A.A. Dilhari, S. Kumarage, L.P. Samaranyake, N. Kottegoda, M.M. Weerasekera</i>
42	10:45	EPIDEMIOLOGY OF INFLUENZA AND PARAINFLUENZA VIRUSES IN CHILDREN WITH ACUTE RESPIRATORY TRACT INFECTIONS ADMITTED TO GENERAL HOSPITAL, KEGALLE <i>R. A.M. Rafeek, M.V.M. Divaratne, A.M.S.B. Abeykoon, A.J. Morel, F. Noordeen</i>
114	11:00	HYDRATION STATUS IN FARMERS LIVING IN A COMMUNITY WITH HIGH PREVALENCE OF CHRONIC KIDNEY DISEASE OF UNKNOWN AETIOLOGY (CKDU) <i>S.D.I. Nanayakkara, R.K. Dissanayake</i>
142	11:15	STUDY ON EFFECT OF SELECTED PLANT EXTRACTS ON THE CONTENT OF SOME TRACE ELEMENTS IN FEMUR IN OVERIECTOMIZED MICE <i>E.G.C.N. Premathilaka, G.K.M. Godakumara, C.N.R.A. Alles, H.N.S. Soysa, M.C.N. Perera, P.H.P. Fernando</i>
243	11:30	OSBECKIA OCTANDRA (HEEN BOWITIYA) PROTECTS THIOACETAMIDE (TA)-INDUCED LIVER CIRRHOSIS IN RATS <i>B.R.S. Bogahawaththa, P. Weththasinghe, S.P. Kodithuwakku, E.H. Siriweera, C.B. Herath, R.R.M.K.K. Wijesundara, R.P.V.J. Rajapakse, M.P.B. Wijayagunawardane</i>
295	11:45	ANTIMICROBIAL ACTIVITY OF ALKALOID-MONTMORILLONITE COMPOSITES OF ZANTHOXYLUM TETRASPERMUM <i>S. Thilakarathne, N.C. Bandara, I.S.K. Vithanage, C.L. Abayasekara, B.M.R. Bandara</i>
301	12:00	EFFECTS OF COSCINIUM FENESTRATUM ON BIOFILMS OF STREPTOCOCCUS MUTANS, ACTINOMYCES NAESLUNDII AND LACTOBACILLUS ACIDOPHILUS

		<i>J. Epasinghe, Z. Wu, L. Kittipong, H.S. Jung</i>
429	12:15	MOLECULAR CHARACTERIZATION OF CANINE PARVO VIRUS IN SRI LANKA <i>S. Gamage, D.R.A. Dissanayake, I.D. Silva, V.P. Priyanka Jayapani</i>
446	12:30	DETECTION OF ZONOTIC FILARIAL INFECTION IN CATS AND DOGS IN SELECTED AREAS OF SRI LANKA: A POSSIBLE THREAT TO GENERAL PUBLIC <i>C.H. Mallawarachchi, T.G.A.N. Chandrasena, S. Wickramasinghe, S. D. Samarasinghe, S.M.N.S.M. Mallawarachchi, N.R. de Silva</i>
481	12:45	ENCAPSULATION OF ANTIBACTERIAL DRUG CIPROFLOXACIN TO REDUCED GRAPHITE OXIDE (rGO)-Zinc Oxide-Poly(Ethylene Glycol) NANOCOMPOSITE FOR EFFECTIVE SLOW RELEASE <i>S.H.D.P. Wijekoon, S.P. Dunuweera, R.M.G. Rajapakse</i>

**Theme: Health Sciences (HS)**

**Morning Session, 10:30 – 13:00**

**Room: A-12**

**Chairpersons: Prof. S.L. Ekenayake & Prof. J.A.C.K. Jayawardane**

Paper ID	Time	Title and Author/s
34	10:30	PREVALENCE AND ASSOCIATED FACTORS OF TOBACCO SMOKING AND SECONDHAND SMOKING AMONG MALE UNDERGRADUATES IN UNIVERSITY OF PERADENIYA <i>K.S.D. Karunathilaka, D.S. Dissanayaka</i>
37	10:45	ASSESSMENT OF ACCEPTABILITY OF STEINER'S CEPHALOMETRIC ANALYSIS <i>V.S.N. Vithanaarachchi, L.S. Nawarathna</i>
72	11:00	ASSESSMENT OF CONTRIBUTING FACTORS FOR DISCONTINUATION OF ORTHODONTIC TREATMENT <i>V.S.N. Vithanaarachchi, K.G.D.T.D. Medagama, L.S. Nawarathna</i>
73	11:15	EFFECTS OF NON NUTRITIVE SUCKING HABITS ON OCCLUSION <i>V.S.N. Vithanaarachchi, P.B.H. Sugandhika, L.S. Nawarathna</i>
215	11:30	KNOWLEDGE, ATTITUDE AND PRACTICE REGARDING ORAL HEALTH AMONG DISPENSING STAFF OF COMMUNITY PHARMACIES IN KANDY MUNICIPAL COUNCIL AREA <i>T.P. Darshani, J.A.M.S. Jayatilake</i>

384	11:45	ASSESSMENT OF HAEMOLYTIC ACTIVITY OF ORAL CANDIDA ALBICANS ISOLATED FROM PATIENTS WITH DENTURE STOMATITIS AND HEALTHY INDIVIDUALS <i>T.L. Garusinghe, J.A.M.S. Jayatilake</i>
394	12:00	SEVERITY OF MALOCCLUSION AND NEED FOR TREATMENT AMONG ORTHODONTIC PATIENTS BELOW 12 YEARS <i>W.B.M.C.R.D. Weerasekera, V.S.N. Vithanaarachchi</i>
416	12:15	REDUCTION IN TOOTH MOBILITY AS A CLINICAL OUTCOME MEASURE FOLLOWING NON-SURGICAL PERIODONTAL THERAPY <i>D. Leuke Bandara, K. De Silva, A. Tilakaratne</i>
447	12:30	ABSCESSSES AND OTHER PURULENT INFECTIONS IN THE PERIODONTIUM OF PATIENTS WITH OR WITHOUT DIABETES MELLITUS: A PRELIMINARY ANALYSIS <i>T.V.K.C.S. Gunadasa, H.B.M.M.S.B. Mahagedara, W.M.B.S. Wijekoon, W.M.D.L.K. Wijesekara, D.K.H. Sachindri, M.D.P.N. Gamage, K.M.C.P. Kumari, D. Leuke Bandara, A. Tilakaratne</i>
486	12:45	ECONOMIC COST OF MANAGEMENT OF SRI LANKAN PATIENTS WITH ORAL CANCER AND ORAL POTENTIALLY MALIGNANT DISORDERS (OPMD) <i>H. Amarasinghe, R.D. Jayasinghe, D. Dharmagunawardana, D. Kumara, A.M. Attygalla, S. Kularathne, P. Scuffham, N.W. Johnson</i>

**Theme: Health Sciences (HS)**

**Morning Session, 10:30 – 13:00**

**Room: A-21**

**Chairpersons: Prof. W.A.T.A. Jayalath & Dr. A. Dharmapala**

Paper ID	Time	Title and Author/s
74	10:30	VALIDATION AND CROSS CULTURAL ADAPTATION OF SINHALA VERSION OF STROKE APHASIA QUALITY OF LIFE SCALE (SAQOL-39g) <i>P.N. Kariyawasam, K.D. Pathirana, D.C. Hewage, R.D.A. Dissanayake</i>
81	10:45	RELATIONSHIP BETWEEN LOW BACK PAIN AND HIP JOINT RANGE OF MOTION (ROM), PATIENTS ATTENDING TO RHEUMATOLOGY DEPARTMENT AT THE NATIONAL HOSPITAL OF SRI LANKA <i>D.U.K. Liyanaarachchi, D.D.T.I. Karunarathne, D.A.A. Gamage, W.L. Dabarera, S.A.D.C.S. Senevirathna, N. Kumarasinghe</i>

147	11:00	OBJECTIVE ASSESSMENT OF LOWER URINARY TRACT SYMPTOMS IN PATIENTS WITH INGUINAL HERNIA <i>A.U.B. Pethiyagoda , K.C. Kapukotuwa, W.E.W.M.G.W.D.N Wijeratne, G.W.L. Chandrasiri, R.M.I.M Senevirathna</i>
162	11:15	RHEUMATOID ARTHRITIS ASSOCIATED ANAEMIA IN A COHORT OF PATIENTS TREATED AT TEACHING HOSPITAL KANDY <i>R.A.V.S. Rajapaksha, R.M.P.M. Rathnayake, V.W.J. Vasanthathilaka, R.D.P. Jayawardana</i>
168	11:30	A DESCRIPTIVE STUDY ON PATIENTS WITH METABOLIC SYNDROME IN YATINUWARA DIVISIONAL SECRETARIAT AREA <i>P.V.R. Kumarasiri, W.C.N. Welgama, V.K.I.U. Alwis, A. Rajapaksha, S.A.A.S. Bandara</i>
255	11:45	NORMATIVE REFERENCE VALUES FOR MEASURES OF SARCOPENIA FOR SRI LANKAN WOMEN <i>N. Rathnayake, G. Alwis, J. Lenora, S. Lekamwasam</i>
424	12:00	EPIDEMIOLOGY, AETIOLOGY AND CLINICAL MANIFESTATIONS OF STROKE: A COHORT OF PATIENTS IN CENTRAL PROVINCE, SRI LANKA <i>L.P.M.M.K. Pathirage, S.A.M. Kularatne, P.M.R.T. Jayaweera, G.A.K.S.K. Rathnayake, R.A.D.T. Ranasinghe</i>
490	12:15	COMPARISON OF MAMMOGRAPHIC CHARACTERISTICS OF TRIPLE NEGATIVE AND RECEPTOR POSITIVE BREAST CANCER IN A GROUP OF SRI LANKAN WOMEN <i>D.C. Perera, G.B. Hettiarachchi, N.V.I. Ratnatunga, P.V.R. Kumarasiri, P.B. Hewavithana</i>
497	12:30	COMPARISON OF EFFICACY OF INTRA-BURSAL INJECTION OF STEROID WITH AUTOLOGOUS PLATELET RICH PLASMA [PRP] FOR SHOULDER IMPINGEMENT SYNDROME <i>G.B. Hettiarachchi, P.B. Hewavithana, H.J. Suraweera, P.V.R. Kumarasiri, M.C.Weththasinghe, M. Rathnayake, C.Hettiarachchi</i>
502	12:45	THYROID PEROXIDASE ANTIBODIES IN AUTOIMMUNE THYROIDITIS <i>S. Rosairo, G.B. Hettiarachchi, R. Sivakanesan, P.V.R. Kumarasiri, N.V.I. Ratnatunga, B. Samarasinghe</i>

**Theme: Health Sciences (HS)**

**Afternoon Session, 14:00 – 16:00**

**Room: A-11**

**Chairpersons: Dr. E.W. Samarakoon & Dr. J.K. Dissanayake**

Paper ID	Time	Title and Author/s
184	14:00	MATERNAL AWARENESS ON LABOUR ANALGESIA <i>W.M.A.S.B. Wasala, M.V.G. Pinto, R.P. Mallawaarachchi, T. Jayasinghearachchi, S.V. Senanayake, L.K.H.B. Sandeepani, R.M.C.S.B. Rathnayake</i>
240	14:15	MANCOZEB, A COMMONLY USED FUNGICIDE IMPAIRS THE OVARIAN FUNCTIONS VIA DISRUPTING GRANULOSA CELL FUNCTIONS AND OOCYTE MATURATION: EVIDENCE FROM IN VITRO BIOASSAYS <i>S. Kodikara, I. Dinisri, J.A.H. Sandarekaa, N. Abhayalath, N.I. Pathirana, C. Rathnayake, B. Alexander, S.P. Kodithuwakku</i>
256	14:30	MENOPAUSE RATING SCALE – CROSS CULTURAL ADAPTATION AND PSYCHOMETRIC VALIDATION OF THE SINHALESE VERSION <i>N. Rathnayake, J. Lenora, G. Alwis, S. Lekamwasam</i>
351	14:45	EFFECTIVENESS OF PHARMACIST COUNSELLING ON MEDICATION ADHERENCE AMONG DIABETES PATIENTS ATTENDING AN OUT-PATIENT CLINIC IN A RURAL HOSPITAL OF SRI LANKA <i>A.M.V.G.N. Mamunuwa, S.F. Jayamanne, J. Coombes, A de Silva, C.B. Lynch, N.D.D. Wickramasinghe</i>
438	15:00	IN VITRO ANTIOXIDANT POTENTIAL OF DIFFERENT SOLVENT EXTRACTS OF A TRADITIONAL POLYHERBAL MOUTH FRESHENER USED IN SRI LANKA <i>N.S. Piyarathne, M.P. Paranagama, B.G.T.L. Nandasena, S. Ariyasinghe, B. Gangadhara, N. Rajanayaka, A. Rathnakumara, N.A. Navarathna, P.A. Paranagama</i>
466	15:15	AN OBSERVATIONAL STUDY OF DENGUE FEVER COMPLICATING PREGNANCY DURING THE MAJOR OUTBREAK OF DENGUE IN 2017 <i>S. Kularathne, J.M. Wijerathne, K. Gunawardana, C. Rathnayaka, E. Samarakoon, C. Kandauda, M. Pathirage, S. Ranaraja</i>
473	15:30	SYNTHESIS OF POROUS CALCIUM CARBONATE NANOCARRIERS FROM LOCAL DOLOMITE, ENCAPSULATION OF ANTICANCER DRUG CISPLATIN, STUDYING RELEASE KINETICS, CONSTANT SLOW RELEASE AND POSSIBILITIES OF TARGETING VIA FOLIC ACID <i>S.P. Dunuweera, R.M.G. Rajapakse</i>

482	15:45	BIOLOGICAL EFFECTS OF PARTICULATE MATTER (PM10) FROM KANDY CITY AIR ON TGF- $\beta$ 1 AND EGFR GENES EXPRESSION IN BRONCHIAL EPITHELIAL CELLS IN VITRO <i>N. Abayalath, A. Manipura, A. Siribaddana, D.G.G.P. Karunaratne, S.P. Kodithuwakku</i>
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**Theme: Health Sciences (HS)**

**Afternoon Session, 14:00 – 16:00**

**Room: A-21**

**Chairpersons: Dr. G. Abeywardena & Dr. S.D.I. Nanayakkara**

Paper ID	Time	Title and Author/s
67	14:00	FACTORS ASSOCIATED WITH LEVEL OF FUNCTIONING IN INDIVIDUALS WITH SCHIZOPHRENIA <i>K.K.D. Thabrew, T. Rajapakse, F. Mohamed</i>
82	14:15	COMBINED USE OF PATTERN ELECTRORETINOGRAPHY (PERG) AND ELECTRO-OCULOGRAPHY (EOG) IN RETINAL PIGMENT EPITHELIAL DISORDERS: PRELIMINARY DATA <i>D.W.P. Dahanayake, L.P.M. M. K.Pathirage, R.G.L.Shiroma, S.Senanayake, V.S.Weerasinghe</i>
153	14:30	RELATIONSHIP BETWEEN TYPE OF ISCHAEMIC HEART DISEASE AND RESTING ECG WITH THE OUTCOME OF EXERCISE ECG OF A COHORT OF ISCHEMIC HEART DISEASE PATIENTS <i>U. Ralapanawa, C. Munasinghe, C. Dissanayake, S. Tennakoon, M. Ekanayake, U. Dissanayake, U. Sadamali, J.R.A.G. Kumari</i>
272	14:45	COMPARISON OF EFFECT OF PROGRESSIVE MUSCLE RELAXATION (PMR) AND MUSIC ASSISTED PROGRESSIVE MUSCLE RELAXATION (M+PMR) ON STRESS RELIEVING AMONG ELDERLY RESIDENTS IN SELECTED ELDERLY HOMES IN COLOMBO DISTRICT <i>M.R.M. Faries, B.H.P.P. Alwis, S.A.P.T. Weerasinghe, S.M. Jayawardana, S.P.H.S. Pathiraja, H.P.M. Dabare, N. Fernando</i>
306	15:00	DEVELOP SEX AND AGE SPECIFIC NORMATIVE VALUES FOR HEALTH & SKILL RELATED PHYSICAL FITNESS OF 19 - 21 YEARS OLD SRI LANKAN YOUTH <i>H.P.K.A. Pathirana, H.A.C.S. Hapuarachchi, G.L.S. Jayalal</i>
335	15:15	ASSOCIATION OF BODY COMPOSITION INDICES AND CARDIO-RESPIRATORY FITNESS AMONG UNDERGRADUATE STUDENTS



		<i>N. Jayanath, M. Kuruppu, C. Nawarathne, P. Maduwanthi, K. Shivadhasan, I. Kaushallya, F. Mohamed</i>
432	15:30	ASSOCIATION BETWEEN DUAL TASK PERFORMANCE AND QUALITY OF LIFE OF ELDERLY PEOPLE LIVING IN ELDERLY CARE INSTITUTIONS IN GALLE DISTRICT <i>M.W.K. Gamage, D.C. Hewage, K.D. Pathirana</i>

**Theme: Health Sciences (HS)**

**Evening Session, 16:15 – 17:45**

**Room: A-11**

**Chairpersons: Prof. P.V.R. Kumarasiri & Prof. A. Jayasinghe**

Paper ID	Time	Title and Author/s
158	16:15	SIGNIFICANCE OF PLAY THERAPY AS AN INTERVENTION IN HOME BASED PHYSIOTHERAPY PROGRAMMES FOR CHILDREN WITH CEREBRAL PALSY: PARENTS PERSPECTIVES AND FACTORS AFFECTING <i>S.A.B.J. Senevirathne, S. Sumanasena</i>
180	16:30	AETIOLOGY OF RENAL DISEASE IN CHILDREN REQUIRING RENAL TRANSPLANT IN SRI LANKA <i>M.V.G. Pinto, W.M.A.S.B. Wasala, A.S. Abeyagunawardena, L.K.H.B. Sandeepani, S.V. Senanayake, R.M.C.S.B. Rathnayake</i>
186	16:45	ONCE DAILY DOSING SCHEDULE OF INTRAVENOUS GENTAMICIN ACHIEVES SAFER TROUGH LEVELS AND HIGHER THERAPEUTIC LEVELS IN NEONATES COMPARED TO TWICE DAILY DOSING SCHEDULE <i>H.M.T.W. Seneviratne, A. Alexander, J.N. Gunawardhana, C.Liyanage, M.R.S.U.C. Ranawaka, N. Menike, K.M.K. Somaratne, P.V. Dissanayaka</i>
309	17:00	PERCEIVED BARRIERS AND FACILITATORS FOR PARTICIPATION IN PHYSICAL ACTIVITY IN CHILDREN WITH CEREBRAL PALSY ATTENDING THE PEDIATRIC PHYSIOTHERAPY UNITS AT RHEUMATOLOGY AND REHABILITATION HOSPITAL RGAMA AND LADY RIDGEWAY HOSPITAL COLOMBO <i>P.G.N.P. Samarasekara, P.K.S. Godamunne</i>
407	17:15	ADEQUACY OF CALCIUM INTAKE OF BREAST FEEDING MOTHERS IN SELECTED SRI LANKAN POPULATION <i>K. Anusha, G.S.H. Liyanage, U.P.K. Hettiaratchi</i>

413	17:30	ANALYSIS OF T CELL RECEPTOR B-CHAIN VARIABLE REGION OF WT1 SPECIFIC CYTOTOXIC T LYMPHOCYTES IN HEALTHY DONOR TREATED WITH WT1 PEPTIDE VACCINATION <i>J.A.H. Sandarekaa, H.M.T.U. Herath, T. Uchiyama, E. Oiwa, M. Takahashi, M. Narita</i>
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**Theme: Health Sciences (HS)**

**Evening Session, 16:15 – 17:45**

**Room: A-21**

**Chairpersons: Dr. S. Rosairo & Dr. A.K.B.B.T.B. Samarasinghe**

Paper ID	Time	Title and Author/s
52	16:15	ARE BREAST CANCER RISK FACTORS AMONG SRI LANKAN WOMEN DIFFERENT FROM THE WEST? <i>H.M.S.M.K. Hitinayake, J.A.D.M.M. Jayakody, H.M.A.N. Herath, H.M. P.N. Herath, N.P.G.R. Imasha, L.H.G.N. Hemachandra, I.D.S.K. Iddagoda, H.T.J.D. Jayakody, J.G.R.S. Jayagoda, I.G.K.R. Illukpitiya, S. Wijetunge</i>
66	16:30	AN AUDIT ON ANALGESIA REQUIREMENTS IN SURGICAL WARDS IN TEACHING HOSPITAL, PERADENIYA <i>T.M.H.K. Amunugama, R.M.N.K. Ratnayake, H.M.S.R.B. Kotakadeniya, P.H.D.P. De Silva</i>
138	16:45	EFFECTIVENESS OF SPINAL MANIPULATION OVER SHORT WAVE DIATHERMY ON PATIENTS WITH CHRONIC POSTURAL LOW BACK PAIN, IN DEPARTMENT OF PHYSICAL MEDICINE AT TEACHING HOSPITAL, KANDY, SRI LANKA <i>W.A.T.Nisansala, H.H.T. Shashikala, K.N.B. Illukkumbura, I.N. Aluthge, K.B. Jayasekara, S. Sukirthan</i>
148	17:00	ESTABLISHMENT OF REFERENCE RANGES FOR SERUM C-TELOPEPTIDE CROSS-LINK OF TYPE 1 COLLAGEN LEVELS IN SRI LANKAN POPULATION <i>G.K.M. Godakumara, E.G.C.N. Premathilaka, D.M.P.U.K. Ralapanawa, Y.A. Illangasekera, P.H.P. Fernando, H.N.S. Soysa, C.N. R.A. Alles</i>
214	17:15	RELATIONSHIP BETWEEN THE ILIOTIBIAL BAND TIGHTNESS AND SYMPTOMS OF OSTEOARTHRITIS OF KNEE JOINT IN PATIENTS ATTENDING THE RHEUMATOLOGY DEPARTMENT OF THE NATIONAL HOSPITAL SRI LANKA

		<i>M.H.M.M Tissera, K. Kamalarajh, T.C Atapattu, C.B Fernando, A.D.P Perera, N. Kumarasinghe</i>
312	17:30	ASSOCIATION OF BMI AND BIOMECHANICAL FACTORS WITH PATELLOFEMORAL PAIN SYNDROME AMONG TEENAGE ATHLETES OF SELECTED SCHOOLS IN COLOMBO DISTRICT <i>B.L.S.A. Karunathilake, T. Thoradeniya</i>

## 5.7. IT, Mathematics & Statistics

**Theme: IT, Mathematics & Statistics (IMS)**

**Morning Session, 10:30 – 13:00**

**Room: F-31**

**Chairpersons: Prof. S.R. Kodithuwakku & Dr. A.J. Pinidiyarachchi**

Paper ID	Time	Title and Author/s
19	10:30	RETRIEVING AN APPROXIMATELY ACCURATE COUNT OF VEHICLES USING LOW RESOLUTION CCTV IN MEASURING TRAFFIC DENSITY <i>A.R.I. De Silva, Subha Fernando</i>
89	10:45	FEATURE BASED CNC STRATEGY WITH ENHANCED MACHINING FLEXIBILITY <i>A.H.D.K. Rasangika, G.D.T. Perera, W.D.S. Fernando, M. Dharmawardana, D.A.A.C. Ratnaweera, R.K.E. Witharana, W.M.S.H. Wasala</i>
107	11:00	THE ASSOCIATION BETWEEN LEAN INITIATIVES AND EMPLOYEE ENGAGEMENT (EE) <i>H.L.D.K. Jayarathna, U.P.A.N. Pathirana</i>
269	11:15	USER CLASS BASED LOW LOSS QOS IMPLEMENTATION FOR SDN <i>N. Rajamanthri, T. Jayalath, R. Kulathunga, N. Karunarathna</i>
273	11:30	SOCIAL MEDIA DATA MINING FOR NATURAL DISASTER IDENTIFICATION <i>W.A.P.E. Wanigasekara, T. Pavinaa, S.S. Munasinghe, D.S. Deegalla, A.M.M.S. Adikari</i>
285	11:45	SMART SDN FIREWALL <i>M.A.D.M. Mallikarachchi, D.T. Munasinghe, U.C.V.G. Udugama, Suneth Namal, Sampath Deegalla</i>
365	12:00	A CELLULAR AUTOMATA BASED SIMULATION MODEL FOR FLOOD RISK ASSESSMENT IN SRI LANKA <i>C.A. Herath, R.D. Nawarathna</i>
467	12:15	EXPLORING THE LYRICS IN BILLBOARD YEAR END TOP 100 SONGS OVER THE 65 YEARS <i>U.K.A.H. Madushani, S.P. Abeysundara</i>

**Theme: IT, Mathematics & Statistics (IMS)**

**Afternoon Session, 14:00 – 16:00**

**Room: F-31**

**Chairpersons: Prof. U.N.B. Dissanayake & Dr. M.I.M. Ishak**

Paper ID	Time	Title and Author/s
41	14:00	SOME RESULTS OF $\tau_1 \tau_2 - \delta$ SEMI COMPACTNESS IN BITOPOLOGICAL SPACES <i>M. Arunmaran, K. Kannan</i>
60	14:15	IMPROVING RATE OF CONVERGENCE OF THE ITERATION SCHEME WITH EXTRA SUB-STEP FOR THE IMPLICIT METHODS <i>K. Vinojini, R. Vigneswaran</i>
175	14:30	THE LAPLACE-ADOMIAN DECOMPOSITION METHOD FOR SOLVING THE NONLINEAR TIME-FRACTIONAL FORNBERG–WHITHAM EQUATION <i>T. Mathanaranjan, K.Himalini, M.T.F. Hasna</i>
183	14:45	ACCELERATING CONVERGENCE RATE OF LINEAR ITERATION SCHEMES BASED ON PROJECTION METHOD FOR THREE-STAGE GAUSS METHOD <i>S.Kajanthan, R.Vigneswaran</i>
245	15:00	AN ALGORITHM TO CONSTRUCT FACTORS OF A COMPLETE GRAPH OF EVEN NUMBER OF VERTICES <i>W.V. Nishadi, K.D.E. Dhananjaya, A.A.I. Perera</i>
286	15:15	A NUMERICAL STUDY ON VISCOUS FLOW PAST TWO ADJACENT ELLIPTIC CYLINDERS <i>J.W.E.W. De Silva, K.D.E. Dhananjaya, J.A. Weliwita</i>
397	15:30	A NUMERICAL STUDY ON SCATTERING OF A WAVE PACKET BY TURBULENT CONVECTION <i>M.A.D. Priyadarshani, J.A. Weliwita, S. Witharana</i>

**Theme: IT, Mathematics & Statistics (IMS)**

**Evening Session, 16:15 – 17:45**

**Room: F-31**

**Chairpersons: Prof. R. D. Yapa & Dr. K. Perera**

Paper ID	Time	Title and Author/s
29	16:15	A STOCHASTIC RESTRICTED ALMOST UNBIASED RIDGE ESTIMATOR IN LOGISTIC REGRESSION <i>N. Varathan, P. Wijekoon</i>
222	16:30	DEVELOPMENT OF LOW-COST WEATHER DATA COLLECTING SYSTEM FOR PUBLIC USE TO EVALUATE EFFECTS OF WEATHER ON NATURAL DISASTERS <i>S.M.K.B. Samarakoon, M.D.D. Gunarathne, K.V.I. Kumara, L. Wijewardana</i>
491	16:45	ASSESSING AGREEMENT BETWEEN NON-SURGICAL MANAGEMENT TECHNIQUES FOR LARGE PERIAPICAL LESIONS <i>B.G.M. Lakmali, L.S. Nawarathna, M.C.N. Fonseka</i>
503	17:00	DETECTION OF NOVEL MUCILAGE MODIFYING GENES IN ARABIDOPSIS THALIANA SEED COAT USING LASSO MODELLING <i>D.M.N.P. Dissanayake, N.U. Jayawardana, L.S. Nawarathna</i>

## 5.8. Natural Sciences

**Theme: Natural Sciences (NS)**

**Morning Session, 10:30 – 13:00**

**Room: E-01**

**Chairpersons: Prof. O.A. Illeperuma & Prof. M.A.K.L. Dissanayake**

Paper ID	Time	Title and Author/s
68	10:30	NEUTRON ACTIVATION ANALYSIS AS A VIABLE CANDIDATE FOR NEUTRON FLUX MEASUREMENT AND MATERIAL CHARACTERIZATION <i>P.K.W.D.K. Karunaratne, C.P.Jayalath</i>
87	10:45	APPLICATION OF 5,10,15,20-TETRAPHENYL-21H,23H-PORPHYRIN IRON(III) CHLORIDE (FeTPPCI) FOR COLOURIMETRIC DETECTION OF SO <sub>2</sub> <i>G. D. D. J. Bandara, M. Y. U. Ganehenege</i>
100	11:00	QUANTITATIVE ANALYSIS OF GEOMORPHOLOGY AND FLOW PATTERN OF MAHAWELI RIVER BASIN USING GEOGRAPHIC INFORMATION SYSTEM <i>H.K. Nandalal</i>
160	11:15	SYNTHESIS OF (2Z)-4-OXO-4-PHENOXY-2-BUTENOIC ACID USING A NOVEL METHOD AND KINETIC STUDIES OF THE REACTION BETWEEN (2Z)-4-OXO-4-PHENOXY-2-BUTENOIC ACID AND GLYCEROL <i>L.A.D. Nishadini, M.A.B. Prashantha, P.I. Godakumbura</i>
161	11:30	PURIFICATION, SURFACE MODIFICATION AND PREPARATION OF PVA-NANOCOMPOSITE OF MONTMORILLONITE TYPE CLAY OF MURUNKAN CLAY ORES <i>H.K. Welgama, Mahesh C. Karunaratne, Dilru Ratnaweera</i>
303	11:45	Zn FUMARATE AS A PHOTOANODE FOR DYE SENSITIZED SOLAR CELLS <i>D.U.G.S.N. Abeysingha, V.A. Seneviratne, I.R. Perera, C.V. Hettiarachchi</i>
307	12:00	DEVELOPMENT OF PACKAGING MATERIALS USING BIOPOLYMER FILM BASED ON CASSAVA STARCH <i>K.M.K.K. Karunanayake, A. Manipura, D.G.G.P. Karunaratne, C.A. Gunathilake</i>
392	12:15	DEVELOPMENT OF A MEDICAL FILM USING SODIUM ALGINATE AND CALCIUM PHOSPHATE NANOPARTICLES <i>Sajith S. Fernando, Huaizhi Zhang, M.N. Wickramaratne, Ying Chao Han</i>

441	12:30	REMOVAL OF Ni <sup>+2</sup> AND Pb <sup>+2</sup> HEAVY METAL IONS USING HEMATITE NANOPARTICLES FROM INDUSTRIAL EFFLUENTS <i>B.P.N. Gunawardhana, K.E.D.Y.T. Dayananda, D.M.S.N. Dissanayake, M.M.M.G.P.G. Mantilaka, R.M.G. Rajapakse, K.M. Nalin De Silva, G.A.J. Amaratunga, H.M.T.G.A. Pitawala</i>
459	12:45	ENCAPSULATION OF NITROGEN FERTILIZER UREA IN POROUS CALCIUM CARBONATE NANOPARTICLES DERIVED FROM LOCAL MINERAL DOLOMITE FOR SLOW RELEASE <i>S.P. Dunuweera, R.M.G. Rajapakse</i>

**Theme: Natural Sciences (NS)**

**Afternoon Session, 14:00 – 16:00**

**Room: E-01**

**Chairpersons: Prof. B.M.R. Bandara & Dr. Sudharma Yatigammana**

Paper ID	Time	Title and Author/s
39	14:00	OCCURRENCE OF SERINE PROTEASE INHIBITORY ACTIVITY IN THE BARK EXTRACT OF GARCINIA QUAESITA <i>T.S.G.S.B. Wijayarathna, S. Rajapakse</i>
95	14:15	PARTIAL PURIFICATION AND CHARACTERIZATION OF AN EXTRACELLULAR LIPASE FROM <i>Cladosporium sp.</i> <i>V. Thiruchenthoooran, T.B. Salpadoru, P. Samaraweera</i>
99	14:30	TREE HOLE BREEDING MOSQUITOES IN SELECTED FOREST PATCHES IN KANDY, SRI LANKA <i>W.G.D. Chathuranga, S.H.P.P. Karunaratne, W.A.P.P. de Silva</i>
137	14:45	DETERMINATION OF FATTY ACID PROFILE OF SRI LANKAN FRUIT SEEDS FOR POSSIBLE APPLICATION IN COSMETIC AND DIETARY SUPPLEMENTS <i>S.A.D.R. Madushani, S.D.M. Chinthaka</i>
282	15:00	HOMOGENIZATION OF AVIFAUNA THROUGH URBANIZATION: A CASE STUDY FROM PERADENIYA, SRI LANKA <i>Supun S. Galappaththi, Chaminda S. Wijesundara</i>
334	15:15	ANTI-INFLAMMATORY ACTIVITY (IN-VITRO) AND NITRIC OXIDE RADICAL SCAVENGING ACTIVITY OF EXTRACTS OF THYSANOLAENA LATIFOLIA AND ELEUSINE INDICA AND ISOLATION OF AN ACTIVE COMPOUND <i>D.S. Weerasinghe, S. Jayasinghe</i>



391	15:30	PREPARATION AND CHARACTERIZATION OF PLA/HAP COMPOSITE MICROSPHERES <i>S.M. Korale Gedara, Dong Yan, M.N. Wickramaratne, Ying Chao Han</i>
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## 5.9. Plant Sciences & Forestry

### **Theme: Plant Sciences & Forestry (PSF)**

**Morning Session, 10:30 – 13:00**

**Room: D-01**

**Chairpersons: Dr. K.M.G.G. Jayasooriya & Dr. W.A.M. Daundasekara**

Paper ID	Time	Title and Author/s
65	10:30	A TAXONOMIC SURVEY OF LEAFY LIVERWORTS IN SRI LANKA (PHYLUM MARCHANTIOPHYTA, CLASS JUNGERMANNIOPSIDA) <i>B.M.S.K. Bandaranayake, S.C.K. Rubasinghe</i>
250	10:45	INTERSPECIFIC HYBRIDIZATION BETWEEN EXOTIC VIOLET FLOWERED NYMPHAEA ("DAM MANEL") AND NATIVE NYMPHAEA NOUCHALI BURM. F. ("NIL MANEL") IN SRI LANKA <i>D.P.G.S. Kumudumali, D.M.D. Yakandawala, Kapila Yakandawala</i>
264	11:00	ANTIFUNGAL ACTIVITY OF LEAF AND ROOT EXTRACTS OF THE INVASIVE PLANT ARISTEA ECKLONII AGAINST FOUR PATHOGENIC FUNGI OF FRUITS AND VEGETABLES <i>V.G.A.U. Samarasinghe, N.C. Bandara, J.W. Damunupola, S. Wijesundara, B.M.R. Bandara</i>
290	11:15	ANTIBACTERIAL ACTIVITY AND CYTOTOXICITY OF MONTMORILLONITE COMPOSITES OF MURRAYA PANICULATA <i>R.G.G.R. Pradeep, N.C. Bandara, I.S.K. Vithanage, B.M.R. Bandara</i>
316	11:30	IMPACTS OF BAMBUSA BAMBO (L.) VOSS. ON FLORISTIC COMPOSITION AND TREE MORTALITY IN A TROPICAL MOIST SEMI-EVERGREEN FOREST IN SRI LANKA <i>M.P.T. Wijewickrama, D.S.A. Wijesundara, H.M.S.P. Madawala</i>
454	11:45	CHROMOSOME NUMBERS IN SELECTED SPECIES OF THE FAMILY ZINGIBERACEAE IN SRI LANKA <i>G.G.N.D. Silva, W.A.M.P. Ariyaratne, C.G. Manawaduge, Tae-Soo Jang, Rosabelle Samuel, D.M.D. Yakandawala</i>
470	12:00	ROLE OF SMOKE WATER AND KARRIKIN ON SEED GERMINATION OF 18 PLANT SPECIES FROM SRI LANKA <i>A.A.C.B. Alahakoon, N.S. Gama-Arachchige, G.A.D. Perera, D.J. Merritt, S.R. Turner</i>
478	12:15	PROLINE ACCUMULATION INDUCES WATER STRESS TOLERANCE IN GLYCINE MAX L. (SOYBEAN) <i>A.G.D. Pavithra, P.N. Yapa</i>

## 5.10. Social Sciences & Humanities

### **Theme: Social Sciences & Humanities (SSH)**

**Morning Session, 10:30 – 13:00**

**Room: B-11**

**Chairpersons: Prof. Mallika Pinnawala & Dr. M.G. Manurathne**

Paper ID	Time	Title and Author/s
12	10:30	ORGANIZATIONAL FACTORS THAT DETERMINE EMPLOYEE TURNOVER OF HEALTH CARE SANITARY EMPLOYEES: A SURVEY OF A SRI LANKAN HOSPITAL <i>B.H. Seneviratne, G.U. Rathnayaka</i>
38	10:45	POST RESETTLEMENT COMPLICATIONS OF SRI LANKAN ABORIGINES: A CASE STUDY IN HENNANIGALA VEDDAS <i>M.D.K.L. Gunathilaka</i>
45	11:00	INTIMATE PARTNER VIOLENCE AMONG MARRIED SCHOOL TEACHERS IN DOLUWA MOH AREA IN KANDY DISTRICT <i>D.S. Dissanayake, V.K.I.U. Alwis, B.A.H.K. Balasooriya, K. Pethiyagoda, T. Pahalawela, M. Sampath, R.D. Senevirathne, M.N.F. Shafana</i>
121	11:15	DISTINCT BUT CONNECTED: A SOCIOLOGICAL ANALYSIS ON PEACE BUILDING, VICTIMS' PERSPECTIVES AND POSSIBILITIES OF EDUCATION <i>K.A.S. Udayanga</i>
131	11:30	AN INVESTIGATION ON THE AGGAÑÑASUTTA AS A MEANS OF CONFLICT RESOLUTION THROUGH A MORAL UPBRINGINGS <i>Ven. Mahawela Rathanapala</i>
195	11:45	REPRODUCTIVE HEALTH, FAMILY PLANNING AND RURAL WOMEN: KNOWLEDGE, PRACTICES AND POWER AMONG RURAL WOMEN IN SRI LANKA <i>Ishara Wanniarachchi</i>
304	12:00	SOCIAL STIGMATIZATION OF MENSTRUATION: A SOCIOLOGICAL STUDY OF UNDERSTANDING THE SOCIAL EXPERIENCE OF MENSTRUATING WOMEN IN SRI LANKA <i>Rizmina Rilwan</i>
358	12:15	THE TRISHAW COMMUNITY IN SRI LANKA AND THEIR UNIQUE DISCOURSE PATTERNS <i>R.S. Daluwatte, N.M. Kalugampitiya</i>

504	12:30	A SOCIOLOGICAL STUDY ON POST-CONFLICT SOCIAL RE-INTEGRATION OF RESETTLED PEOPLE IN THE NORTHERN SRI LANKA <i>Shanmuganathan Sharmila, Shantha Wanninayake</i>
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**Theme: Social Sciences & Humanities (SSH)**

**Morning Session, 10:30 – 13:00**

**Room: B-12**

**Chairpersons: Dr. Charitha Herath & Dr. D.D.K.S. Karunanayake**

Paper ID	Time	Title and Author/s
63	10:30	BUDDHIST PHILOSOPHICAL CONCEPTS ON BHAVAŅGA CITTA AS DEPICTED IN EARLY BUDDHISM AND BUDDHIST TRADITIONS <i>H.M.M. Herath</i>
117	10:45	AN EVALUATION OF ATTITUDES ON 'LEADERSHIP & POSITIVE ATTITUDE DEVELOPMENT PROGRAMME' AMONG MEDICAL STUDENTS OF UNIVERSITY OF PERADENIYA <i>S.D. Arunarathne, S.W. Amarasinghe, V.K.I.U. Alwis, B.D.L.A. Alexander, A.T.M. Alawattegama, V.S. Abeynayake, H.F. Ahamed, M. N.N. Ahamed, E.D. Arulpragasam, J. Arumugam, W.L.C.J. Athapaththu, A. Jayasinghe</i>
224	11:00	PSYCHOSOCIAL WELLBEING AS PERCEIVED BY SRI LANKAN ADOLESCENCE <i>B.D.D. Pathirana</i>
237	11:15	PROSE POETICAL FEATURES IN SUTTAPITAKA (SPECIAL REFERENCE TO SELECTED SUTTAS) <i>Ven. P. Wimalasara, Ven. A. Sirisudhamma</i>
308	11:30	THE PROGRESSION OF THE LOVER'S CHARACTER FROM NAIVE TO SOPHISTICATED IN PROPERTIUS' LOVE ELEGIES <i>Kalpani Dambagolla</i>
320	11:45	CONVERGENCE AND DIVERGENCE BETWEEN MORITA THERAPY AND BUDDHISM <i>C. Bee Len</i>
342	12:00	THE DIFFERENCE BETWEEN "BHĀVANĀ" AND MEDITATION (A BRIEF ANALYSIS OF THE TERM "BHĀVANĀ" IN ETYMOLOGICAL PERSPECTIVE) <i>Ven. Balangoda Mettananda</i>

362	12:15	THE EFFECTS OF PARENTING STYLES ON THE SHARING HABITS OF PRESCHOOLERS <i>P.G.S.T. Gunathilaka, B.D.D. Pathirana</i>
500	12:30	A PHILOSOPHICAL SURVEY TO CATUSKOṬI AS A NEW SCIENCE TO UNDERSTAND THE WORLD <i>Ven. G. Sugunasiri Thero</i>

**Theme: Social Sciences & Humanities (SSH)**

**Afternoon Session, 14:00 – 16:00**

**Room: B-11**

**Chairpersons: Dr. K.W.G. Rekha Nianthi & Dr. D.K. Jayaratne**

Paper ID	Time	Title and Author/s
71	14:00	DEVELOPMENT PLANS TO STRENGTHEN DISASTER MANAGEMENT CAPACITIES IN CONFLICT AFFECTED AREA; A CASE STUDY PALLIMUNE EAST GN DIVISION MANNAR DISTRICT, SRI LANKA <i>E.G.M. Jayarathne</i>
200	14:15	REVISITING KIRIBAT-VEHERA PILLAR INSCRIPTION: LANDSCAPE ARCHAEOLOGY OF MEDICAL BUILT ENVIRONMENT OF HISTORICAL SRI LANKA <i>Dulma Karunaratna</i>
258	14:30	ANALYZING THE IMPACT OF RECENT INCREASE IN TRAFFIC ACCIDENTS AND TRAFFIC CONGESTION IN SRI LANKA. (WITH REFERENCE TO MATARA POLICE DIVISION) <i>I.G.A.I. Harshani, J.K.A.S. Srimali, R.M.C.K. Ramanayaka, T.M.M.P. Kumara</i>
348	14:45	SPACES OF CONFLICT: EMERGING BUILT ENVIRONMENT IN POST-WAR ERA URBAN DEVELOPMENT IN THE CITY OF JAFFNA, SRI LANKA <i>Kabilan Suntharamoorthy</i>
376	15:00	CONDUCTING BASIC ARCHAEOLOGICAL STUDIES ON KURULLANGALA ARCHAEOLOGICAL SITE: STUDY OF STONE TOOLS FOUND BY EXPLORATION <i>Rev.Gampola Vijaya</i>

**Theme: Social Sciences & Humanities (SSH)**

**Afternoon Session, 14:00 – 16:00**

**Room: B-12**

**Chairpersons: Prof. S.K. Hennyake & Prof. C.S. Wickramagama**

Paper ID	Time	Title and Author/s
171	14:00	THE REQUIREMENT OF FORCED MARRIAGE PROTECTION LAWS IN SRI LANKA <i>Keerthi Kumburuhena</i>
201	14:15	THE APPLICATION OF INTERNATIONAL HUMAN RIGHT STANDARDS AS A MECHANISM TO PROTECT THE WOMEN'S PROPERTY RIGHTS : A SRI LANKAN PERSPECTIVE <i>P.M.A.S. Pathiraja</i>
227	14:30	A CRITICAL EVALUATION OF THE EFFECTIVENESS OF RIGHT TO EQUALITY IN THE 1978 CONSTITUTION OF SRI LANKA IN ACHIEVING GENDER JUSTICE THROUGH LAW <i>J.M.P.D. Jayasundara</i>
318	14:45	ROLE OF THE STATE MECHANISM IN PROTECTING THE CHILDREN RIGHTS IN SRI LANKA (SPECIAL REFERENCE TO TERRITORY OF PILIYANDALA POLICE) <i>H.E.N. Priyadarshani, R. Samarawickrama</i>
458	15:00	EVALUATION OF RIGHT TO INFORMATION IN PRESERVING ENVIRONMENTAL RIGHTS IN SRI LANKA <i>K.M.C.R. Karunatilaka</i>

**Theme: Social Sciences & Humanities (SSH)**

**Evening Session, 16:15 – 17:45**

**Room: B-11**

**Chairpersons: Prof. Arjuna Parakrama & Dr. Chandima Wickramasinghe**

Paper ID	Time	Title and Author/s
238	16:15	LEARNER ERRORS RESULTING FROM INTRALINGUAL AND INTERLINGUAL INTERFERENCE: AN ANALYSIS OF ERRORS FOUND IN ENGLISH COMPOSITIONS BY EAP STUDENTS <i>Ashanthi Ekanayake</i>
288	16:30	A NEW APPROACH TO DEVELOP THE PRESENTATION SKILLS OF THE NOVICE ADMINISTRATIVE OFFICERS IN SRI LANKA <i>Y. Atchuthan, B.M. Sandya, B. Kamsathvany</i>
291	16:45	THE IMPACT OF COLLOQUIAL WORDS IN ATCHUTHAN'S POEM "PLEASE APPA (FATHER)" <i>Y. Atchuthan, B.M. Sandya, B. Kamsathvany</i>
340	17:00	COLLECTIVE MEMORY AND ROMAN IDENTITY IN JUVENAL'S SATURA 3 <i>V. Edirisinghe</i>
353	17:15	THE DIVERSE ATTITUDES OF THE ELTU INSTRUCTORS OF THE ARTS FACULTY TOWARDS SRI LANKAN ENGLISH <i>K.R.S.R. Jayawardane, N.M. Kalugampitiya</i>

**Theme: Social Sciences & Humanities (SSH)**

**Evening Session, 16:15 – 17:45**

**Room: B-12**

**Chairpersons: Prof. S.K. Hennayake & Prof. G.D.R.U. Abeyrathne**

Paper ID	Time	Title and Author/s
315	16:15	PUBLIC PARTICIPATION FOR SUSTAINABLE RECONCILIATION: WHAT LESSON CAN BE LEARNT FROM SRI LANKA? <i>A.J. Jumana Hasin, Linda Prashani Ellilarasu</i>
375	16:30	ANCIENT GREEK DEMOCRACY IN PERSPECTIVE: MYTH AND REALITY <i>K.M.R.N. Kulatunga</i>

## 5.11. Poster Session

**Venue: F-01**

**LCD Panel - CEES**

<b>Climate, Environment and Earth Sciences (CEES)</b>		
<b>Evaluator: Dr. N.W.B. Balasooriya</b>		
Paper ID	Time	Title and Author/s
47	13:00	TEMPORAL VARIATION OF ENVIRONMENTAL LAPSE RATE (ELR) IN SRI LANKA <i>U.S. Meegahakotuwa, K.W.G. Rekha Nianthi</i>
49	13:05	INVESTIGATING THE PHOTOCHEMISTRY OF WATER SOLUBLE FRACTION OF DIESEL SOOT <i>D. R. M. R. H. C. R. S. Eheliyagoda, P. M. Jayaweera, L. Palliyaguru</i>
96	13:10	ENHANCED DIMERIZATION OF ANTHRACENE WITH TITANIUM DIOXIDE PHOTOCATALYST <i>K. A. D. U. S. Samanthika, P. M. Jayaweera, L. Palliyaguru</i>
188	13:15	CHEMICAL ANALYSIS OF DRY SEDIMENTS IN PADAVIYA RESERVOIR, SRI LANKA <i>A.A.P.R. Perera, P.L.A.T. Cooray, S.S.L.W. Liyanage</i>
265	13:20	WINE MAKING FROM FRUIT PEELS FOR SUSTAINABLE UTILIZATION OF WASTES <i>Y.C.B. Makuloluwa, A.M.W. Manike</i>
322	13:25	MONITORING OF LAND USE CHANGES USING REMOTE SENSING (RS) AND GEOGRAPHIC INFORMATION SYSTEM (GIS) - A CASE STUDY FROM KANDY DIVISIONAL SECRETARIAT <i>K.K. Prabhani Kanchana Jayasinghe, K.K.S.A. Withanage, D.A.S. Daranagama, Jagath Gunatilake</i>



## LCD Panel – EDU

<b>Education (EDU)</b>		
<b>Evaluator: Dr. Lalitha Dissanayake</b>		
Paper ID	Time	Title and Author/s
124	13:00	PERCEPTION OF THE UNDERGRADUATE MENTORING PROGRAM AT THE FACULTY OF MEDICINE, UNIVERSITY OF PERADENIYA <i>A. N. Chrishan, D. M. T. D. Dassanayake, D. M. K. S. Dissanayake, C. R. Dasanayaka, W. C. C. Dharmawardhana, C. N. Colombage, K. D. Dissanayake, A. D. H. De Silva, H. A. V. Chathurika, I. K. S. Dayarathna, G. V. P. D. Dananjaya, D. M. M. P. Dasanayaka, E. G. I. A. Dharmasena, R. Morel, S. Rasnayaka</i>
242	13:05	PRINT AND ELECTRONIC RESOURCE USAGE BY FIRST YEAR MEDICAL STUDENTS AT THE MEDICAL LIBRARY OF UNIVERSITY OF PERADENIYA <i>Harshani N. K. Dissanayake</i>
337	13:10	ORIENTAL MUSIC FOR STRESS MANAGEMENT A PRELIMINARY STUDIES ON THE STUDENTS IN THE FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF PERADENIYA <i>Dakshika Bandaranayake, M.D.V. Samarasekara</i>
379	13:15	SELF REPORTED ATTITUDES, PERCEPTIONS AND PRACTICES ON TRAINING AND DEVELOPMENT OF SRI LANKAN TEACHERS OF ENGLISH <i>U. G. L. B. Jayasooriya, Y. Mathangasinghe</i>
419	13:20	ENRICHING VOCABULARY IN FRENCH THROUGH PROBLEM BASED LEARNING (PBL): A CLASSROOM EXPERIENCE <i>Kusantha Herat</i>

## LCD Panel - EBE

<b>Engineering &amp; Built Environment (EBE)</b>		
<b>Evaluator: Dr. Anushka Elangasinghe</b>		
Paper ID	Time	Title and Author/s
54	13:00	INVESTIGATION OF THERAPEUTIC POTENTIAL OF SRI LANKAN AEGLE MARMELOS (L.) CORR. AS AN ANTI-BACTERIAL AGENT <i>N.S. Weerasekara, M.A. Elangasinghe, N. Dissanayake</i>
139	13:05	FABRICATION OF REFRACTORY CRUCIBLES USING LOCALLY AVAILABLE GRAPHITE AND KAOLINITE <i>P.S.D. Perera, S.U. Adikary, J.T.S.T. Jayawardena, I.R.M. Kottegoda</i>
355	13:10	PV INVERTER UTILIZATION FOR VOLTAGE IMPROVEMENT ON DISTRIBUTION LINES <i>A.U. Wijesekera, B.M.V.C. Basnayake, J.Y. Abeysinghe, P.J. Binduhewa</i>
395	13:15	STABILIZATION OF WEAK SUBGRADE SOIL FOR ROAD CONSTRUCTION USING FLY ASH AND RICE HUSK ASH - MAHOKANDA, SRI LANKA <i>V.K.N. Sameera, E.P.N. Udayakumara, J.K. Dhammika</i>
496	13:20	EFFECT OF CHEMICAL MODIFICATION OF LOW COST ADSORBENTS TO REMOVE HEAVY METALS FROM INDUSTRIAL WASTEWATER <i>E.M.N. Chamara, M.G.C.G. Rathnatissa, W.C.T.K. Gunawardana</i>

## LCD Panel – FNL 1

<b>Food, Nutrition &amp; Livestock (FNL)</b>		
<b>Evaluator: Dr. L.J.P.A.P. Jayasooriya</b>		
Paper ID	Time	Title and Author/s
18	13:00	AVAILABILITY OF SOME TRACE AND MAJOR METALS IN BOTTLED DRINKING WATER IN SRI LANKA <i>S.T. Gonapinuwa, S. Jayakody</i>
163	13:05	ANALYSIS OF BIOACTIVES AND ANTIOXIDANT PROPERTIES OF SELECTED EDIBLE FLOWERS <i>K.A.U.D. Weerasinghe, K.D.P.P. Gunathilake</i>
164	13:10	EFFECT OF DRYING AND JUICE PROCESSING ON BIOACTIVE COMPOUNDS AND ANTIOXIDANT ACTIVITY OF BLACK PLUM ( <i>Syzygium caryophyllatum</i> ) <i>G.U.W.U.P. Kumari, K.D.P.P. Gunathilake</i>
266	13:15	INVASIVE PLANTS AS A SOURCE OF POLYPHENOLS <i>E. Uththamawadu, V.G.A.U. Samarasinghe, N.C. Bandara, S. Wijesundara, B.M.R. Bandara</i>
374	13:20	EFFECT OF DIFFERENT COOKING METHODS ON THE ANTIOXIDANT PROPERTIES OF TOMATO ( <i>LYCOPERSICON ESCULENTUM</i> ) AND BITTER GOURD ( <i>MORMODICA CHARANTIA</i> ) CULTIVATED IN JAFFNA DISTRICT <i>S. Thanuja, S. Sivakanthan, S. Vasantharuba</i>
472	13:25	A PRELIMINARY STUDY ON METHICILLIN RESISTANT STAPHYLOCOCCUS (MRS) IN COMMERCIAL EGGS COLLECTED FROM LAYER FARMS IN KURUNEGALA DISTRICT <i>H.C. Gallage, K.S.A. Kottawatta, H.M.T.K. Karunarathna, R.S. Kalupahana</i>

## LCD Panel – FNL 2

<b>Food, Nutrition &amp; Livestock (FNL)</b>		
<b>Evaluator: Dr. B.D. Rohitha Prasantha</b>		
Paper ID	Time	Title and Author/s
103	13:00	KINETIC STUDY OF ACID HYDROLYSIS OF PALMYRAH ( <i>BORASSUS FLABELLIFER</i> ) FRUIT HUSK TO GLUCOSE <i>S. Sivagnanasundaram, J. Prabagar, G. Sashikesh</i>
165	13:05	CHARACTERIZATION OF CHITOSAN FROM <i>PORTUNUS PELAGICUS</i> AND EVALUATION AS AN ADDITIVE FOR CRACKERS <i>T.M.H.D. Tennakoon, K.D.P.P. Gunathilake</i>
209	13:10	SHELF-LIFE EXTENSION BY INCREASING ACIDITY OF MIXED FRUIT NECTAR

		PACKAGED IN PET BOTTLES <i>D.M.L.N.K. Dissanayake, S. Hettiarachchi, K.H. Sarananda</i>
246	13:15	EXTRACTION AND EVALUATION OF ANTHOCYANIN FROM DIOCOREA ALATA AND ITS APPLICATION AS A NATURAL FOOD COLOR IN FOOD PRODUCT DEVELOPMENT <i>V. Thirumalavan, A.M.M.U. Adikari</i>
293	13:20	EVALUATION OF QUALITY OF COCONUT TREACLE TO ASSESS DIFFERENT SAP COLLECTION METHODS <i>H.P.D.T. Hewa Pathirana, L.L.W.C. Yalegama, H.A.E. Samaranyake</i>
361	13:25	NEWLY INTRODUCED MAKANDURA PURPLE SWEET POTATO (IPOMOEA BATATA) CULTIVAR: NUTRITIONAL FACTS <i>G.R.N.N. Waidyarathna, S. Ekanayake, G.A.P. Chandrasekara</i>

## LCD Panel – HS 1

<b>Health Sciences (HS)</b>		
<b>Evaluator: Dr. G. Abeywardena</b>		
Paper ID	Time	Title and Author/s
30	13:00	PREVALENCE AND NATURE OF PATIENT RELATED VIOLENCE AGAINST NURSING OFFICERS IN TEACHING HOSPITAL KARAPITIYA <i>S.M.R.G. Godawita, N.H.D.P. Fonseka, G.D. Punchihewa</i>
123	13:05	THE EFFECT OF MUSIC ON REDUCING THE INTENSITY OF CANCER-RELATED PAIN IN A SELECTED GROUP OF CANCER PATIENTS <i>B.R.G.T.K. Weerasingha, A.J. Hilmi, R.P. Illeperuma</i>
133	13:10	ASSESSMENT OF KNOWLEDGE AND ATTITUDE TOWARDS DEATH AND CARE OF THE DYING PATIENT AMONG NURSING UNDERGRADUATES OF KOTELAWALA DEFENCE UNIVERSITY <i>A.A.S.P. Nimanthika, N.K.G. Manodya, K.A.Jayavindi, N.H.N.T. De Silva, K.G.G. Priyangika, M.H.R.Sheriff</i>
149	13:15	ASSESSMENT OF DEPRESSION AMONG CANCER PATIENTS UNDERGOING CHEMOTHERAPY AT TEACHING HOSPITAL, KANDY, SRI LANKA <i>J.A.D.I. Kumari, S. Rathnayake</i>
223	13:20	ASSESSMENT ON THE KNOWLEDGE AND ATTITUDES ABOUT PRESSURE ULCERS AMONG NURSING STUDENTS AT UNIVERSITY OF PERADENIYA <i>D.M. Madurika, L.C. Menikarachchi</i>
329	13:25	BASIC LIFE SUPPORT AWARENESS AND ATTITUDES AMONG UNDERGRADUATE STUDENTS STUDYING IN STREAMS NOT RELATED TO MEDICAL SCIENCES IN ENGLISH MEDIUM OF UNIVERSITY OF PERADENIYA <i>B.H.M. Kapilaratno, U.N.T. Jayawardane, J.K.S.P. Jayamanna, T.M. Jayanandana, J.D.P. Jayasinghe, J.A.S.H. Jayasooriya, J.M.T.D. Jayasundara, L.A. Jayawardane, D.M.K. Jayawardena, A.K. Jayaweera, J.K. Dissanayake</i>
380	13:30	AWARENESS AND PREVALENCE OF DEPRESSION AMONG UNDERGRADUATES OF FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF PERADENIYA, SRI LANKA <i>M.A.T. Thathya, T.P. Gamagedara, L.S. Nawarathna, P. Ginige</i>
393	13:35	PREVALENCE AND AWARENESS OF HAZARDS AMONG NURSES WORKING IN OPERATION THEATERS IN TEACHING HOSPITAL KANDY AND TEACHING

		HOSPITAL PERADENIYA <i>M.K.S. Madushanki, B.M.C. Rathnayake</i>
422	13:40	AWARENESS AND PRACTICE REGARDING FIRST AID ON DOMESTIC BURN INJURIES AMONG UNDERGRADUATES OF FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF PERADENIYA <i>P.T.I. Subhasena, A.L.I. Prasanna, A.U. Rathnayake</i>
471	13:45	KNOWLEDGE AND PRACTICES ON RABIES AMONG UNDERGRADUATE NURSING STUDENTS IN THE FACULTY OF ALLIED HEALTH SCIENCES OF UNIVERSITY OF PERADENIYA <i>A. Samaraweera, D.W. Bandaranayake</i>
487	13:50	ATTITUDES AND SELF-REPORTED PRACTICES OF NURSES AT THE NATIONAL HOSPITAL OF SRI LANKA ON THE LAST OFFICES OF A DECEASED <i>K.M.R.P. Dharmarathna, S.M.K.S. Seneviratne</i>
508	13:55	PRELIMINARY ANALYSIS OF THE MENTAL STATUS OF FIRST YEAR UNDERGRADUATES OF THE FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF PERADENIYA <i>J.I.D. Jayawickrama, M.P.S. Mudalige</i>

## LCD Panel – HS 2

<b>Health Sciences (HS)</b>		
<b>Evaluator: Dr. C.N.R.A. Alles</b>		
Paper ID	Time	Title and Author/s
51	13:00	DETERMINATION OF IN-VITRO ANTICOAGULANT ACTIVITY AND ANTIOXIDANT ACTIVITY OF ARGYREIA NERVOSA <i>M.H.A.T. Madhushani, D.B.M. Wickramaratne</i>
122	13:05	COMPARISON OF PHYSICOCHEMICAL AND PHYTOCHEMICAL PROPERTIES OF ARJUNARISHTA IN SRI LANKA <i>W.G.U.S. Jayasena, D.B.M. Wickramarathne</i>
185	13:10	COMPARATIVE STUDY ON ACID NEUTRALIZING CAPACITIES AND PRICES OF SELECTED ANTACID SUSPENSIONS AVAILABLE IN JAFFNA, SRI LANKA <i>S. Thivyaluxmy, S. Thuvaragan</i>
262	13:15	SYNERGISTIC ANTIBACTERIAL ACTIVITY OF GALLIC ACID, OXACILLIN AND GENTAMICIN AGAINST METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS

		AND GENTAMICIN-RESISTANT PSEUDOMONAS AERUGINOSA <i>C.P.S. Arunoda, I.S.K. Vithanage, B.M.R. Bandara</i>
317	13:20	ANTIOXIDANT ACTIVITY OF SELECTED SRI LANKAN MEDICINAL PLANTS AND THEIR STABILITY DURING STORAGE AT ROOM TEMPERATURE <i>C. Gunawardana, R. Sivakanesan, H.K.I. Perera</i>
345	13:25	A REVIEW OF ANTIDOTES FOR TREATMENT OF PARACETAMOL OVERDOSE: ORAL AND INTRAVENOUS N-ACETYLCYSTEINE COMPARED TO METHIONINE <i>V.M. Pathiraja, A.C.M. Fahim, H.K.J. Dhanarisi, I.B. Gawarammana</i>
442	13:30	FORMULATION OF AN ANTIBACTERIAL CREAM WITH CARICA PAPAYA LEAF EXTRACT <i>A.M.M.I. Priyadarshani, H.M.D.R. Herath, L.C.P.T. Liyanaarachchie, R.K. Suraweera</i>
457	13:35	OCCURRENCE OF METHICILLIN RESISTANT S. AUREUS AMONG MASTITIS CASES IN DAIRY CATTLE FROM CENTRAL AND NORTH WESTERN PROVINCES OF SRI LANKA <i>N.M. Wijesekera, M.A. Salgadu, B.N. Dissanayake, M.P.B. Wijayagunawardane, H.R.N. Jinadasa</i>
461	13:40	EVALUATION OF DISPENSING ERRORS AND QUALITY OF DISPENSING IN SELECTED COMMUNITY PHARMACY OUTLETS IN SRI LANKA <i>N.M.Y. Bagyawantha, L.K.S.G. Thilakasiri, F. Mohamed, L.C. Menikarachchi</i>
488	13:45	DEVELOPMENT OF POROUS KERATIN NANOPARTICLES FROM HUMAN HAIR AS A CARRIER ENCAPSULATION OF ANTICANCER DRUG TAXOL <i>V.W. Wimalasiri, S.P. Dunuweera, R.M.G. Rajapakse</i>

### LCD Panel – HS 3

<b>Health Sciences (HS)</b>		
<b>Evaluator: Dr. S. Tennakoon</b>		
Paper ID	Time	Title and Author/s
91	13:00	ASSESSMENT ON AWARENESS OF BREASTFEEDING & CULTURAL BELIEFS AND WEANING PRACTICES AMONG THE MOTHERS IN YATINUWARA MOH AREA <i>O.S.S. Premarathne, A.M.S. Deepanie Pathirana</i>
130	13:05	BODY IMAGE DISSATISFACTION AMONG A GROUP OF MEDICAL UNDERGRADUATES IN SRI LANKA

		<i>W.S.P.Y.U.S. Yapa, L.D. Wijerathne, H.M.S. Wijerathne, J.M. Wijerathne, W.E.W.M.G.W.D.N. Wijerathne, D.P.D.N.P. Wijesooriya, W.S.P. Wimalarathne, M.H. Yathramulla, Z.M.F.Z. Zeinab, M.G.R.G. Muruththettuwa, N.T. Weerasinghe, B.L. Goonapienuwala, S.D.I. Nanayakkara</i>
210	13:10	THE OCCURRENCE AND FACTORS ASSOCIATED WITH NON-SPECIFIC NECK PAIN AMONG COMPUTER APPLICATION ASSISTANTS (CAAS) IN UNIVERSITY OF PERADENIYA <i>S.L.I. Tharuka, Y.V.M.D. Senarathna, T. Nadesan, R.D.A.S. Ranasinghe, M. Sanseevan, P. Sivanesarajah, R.H.K. Udayangi, B.M.H.S.K. Banneheka</i>
277	13:15	PREVALENCE OF RISK FACTORS AND AWARENESS ON PREVENTIVE MEASURES RELATED TO BURN INJURIES AMONG THE PEOPLE IN HALOYA GRAMA NILADHARI DIVISION, KANDY <i>M.V.J.D. Abeyrathna, B.M.C. Rathnayake</i>
325	13:20	HAND GRIP STRENGTH AND FACTORS ASSOCIATED WITH IT AMONG A GROUP OF UNDERGRADUATE STUDENTS OF UNIVERSITY OF PERADENIYA <i>M.M.J.P. Manchanayake, M.M.M. Mafahir, A.N.D.U.P. Nakandal, J.K. Narampanawa, T. Neeraja, S. Pavithra, J.K. Dissanayake</i>
338	13:25	KNOWLEDGE, ATTITUDES & ABILITY TO SUSPECT SCHOOL CHILDREN, WHO ARE AT RISK OF IRON DEFICIENCY, BY SCHOOL TEACHERS IN WALASMULLA EDUCATIONAL ZONE <i>A.L.K. Gunasekara, I.S. Wijesiriwardena</i>
372	13:30	KNOWLEDGE, ATTITUDE AND PRACTICES IN DENGUE PREVENTION AND CONTROL AMONG UNDERGRADUATES OF FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF PERADENIYA <i>P.M.I.M. Pathiraja, M.P.S. Mudalige</i>
377	13:35	PERCEIVED BARRIERS TO PHYSICAL ACTIVITY AMONG PHYSIOTHERAPY UNDERGRADUATES IN UNIVERSITY OF COLOMBO <i>A.H. Wettasinghe, P.H.P. Fernando</i>
398	13:40	ASSESSING THE CURRENT DATA COMMUNICATION SYSTEM TO GENERATE IN-PATIENT STATISTICS IN TEACHING HOSPITAL (TH) – KEGALLE <i>A.H.C.S. Rajakaruna, T.G.N.S. Gunarathne</i>



## LCD Panel – HS 4

<b>Health Sciences (HS)</b>		
<b>Evaluator: Dr. T. Kudagammana</b>		
Paper ID	Time	Title and Author/s
6	13:00	EVALUATION OF SURFACE DOSE TO THE THYROID REGION OF PAEDIATRIC PATIENTS UNDERGOING ANTERO-POSTERIOR CHEST X-RAY EXAMINATION <i>H.M.L.S.B. Herath, R.L.A. Wickramarathne, A.S. Pallewatte, L.H.M.I.M. Herath</i>
182	13:05	THE OUTCOME AND DONOR RELATIONSHIP OF LIVE DONOR PAEDIATRIC KIDNEY TRANSPLANT PATIENTS IN SRI LANKA <i>M.V.G. Pinto, W.M.A.S.B. Wasala, M.D. Lamawansa, B. Samarasinghe, S.V. Senanayake, L.K.H.B. Sandeepani, R.M.C.S.B. Rathnayake</i>
203	13:10	KNOWLEDGE ON NEONATAL CARE AND ITS ASSOCIATED SOCIO-DEMOGRAPHIC FACTORS AMONG THIRD TRIMESTER PREGNANT MOTHERS IN NALLUR MOH AREA <i>J.M.S.E.B. Ekanayake, D. Thabotharan, L. Kamalarupan, P.A.D. Coonghe</i>
231	13:15	AUTISM PRESENTING TO TWO PAEDIATRIC MENTAL HEALTH CLINICS AT A TERTIARY CARE CENTRE: A RETROSPECTIVE MEDICAL RECORD REVIEW <i>P. Ginige, W.H.M.K.J. Wijesinghe, S.U.B. Tennakoon, H. Alahakoon, A.K.A.B. Baminiwatta</i>
259	13:20	ASSESSING KNOWLEDGE ON ROUTINE CHILDHOOD IMMUNIZATION AMONG WOMEN OF THE YATINUWARA MOH AREA WHO ARE YET TO CONCEIVE <i>T.A.M.S. Wickramasinghe, W.S.M. Wickramasinghe, W.Y.H. Wickramage, D.P. Jayasooriya, D.C. Wickramaarachchi, S.M. Weerathunga, N.A.D.L. Wickramarathne, W.D.M. Weerasinghe, V.S. Wickramasinghe, H.A.R.K. Weerawardane, I.J. Shareef, V. Pinto</i>
386	13:25	DETERMINATION OF KNOWLEDGE AND PERCEPTIONS OF POSTNATAL MOTHERS REGARDING THE USE OF PACIFIERS IN THE TEACHING HOSPITAL, KANDY <i>I.N. Abayagunawardhana, T.M.I.U.K. Tennakoon</i>
387	13:30	KNOWLEDGE, ATTITUDE AND PRACTICES REGARDING BURPING A BABY AMONG PREGNANT WOMEN IN TEACHING HOSPITAL- KANDY <i>P.M.A.T. Manthreerathne, T.M.I.U.K. Tennakoon</i>

406	13:35	DOES SUN EXPOSURE AFFECT SERUM VITAMIN D [25(OH)D] LEVEL IN NEONATES? <i>K. Anusha, G.S.H. Liyanage, U.P.K. Hettiaratchi</i>
437	13:40	ASSESSMENT OF THE AWARENESS ON PEDIATRIC IMMUNISATION AMONG MOTHERS ATTENDING PUWAKDENIYA POLY CLINIC, KEGALLE DISTRICT, SRI LANKA <i>N.A.M.M. Nishshanka, N.R. Amarasinghe</i>

## LCD Panel – HS 5

<b>Health Sciences (HS)</b>		
<b>Evaluator: Dr. A. Sominanda</b>		
Paper ID	Time	Title and Author/s
46	13:00	USE OF TRADITIONAL, COMPLEMENTARY AND ALTERNATIVE MEDICINE (TCAM) AMONG PATIENTS WITH NON-COMMUNICABLE DISEASES IN URBAN AND RURAL AREAS IN SRI LANKA <i>B.W.C.M. Abeykoon, F. Mohamed</i>
55	13:05	FACTORS AFFECTING COMPLIANCE TO LIFE STYLE MODIFICATIONS AMONG PATIENTS WITH DIABETES MELLITUS: RESULTS FROM A DIABETES CLINIC AT TEACHING HOSPITAL KARAPITIYA (THK), GALLE <i>T.D. Sundarapperuma, M.Gamage, M.Jagoda, P.Kariyawasam, D Fonseka, J. Lenora</i>
69	13:10	PREVALENCE OF BIOCHEMICAL MARKERS OF CHRONIC KIDNEY DISEASE – METABOLIC BONE DISEASE (CKD-MBD) IN KANDY, SRI LANKA <i>J. Punchihewa, M. Epitakumbura, C.Dasanayake, D.S. Jayawardana, W.B.N.T. Fernando, T.W. Hettiarachchi, S.H.T. Sudeshika, N.Nanayakkara</i>
218	13:15	ATTITUDE AND KNOWLEDGE ON LEPTOSPIROSIS AMONG NURSING UNDERGRADUATES OF FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF PERADENIYA <i>D.T. Prashadika, B.D.S. Muthusinghe, C.D. Gamage</i>
233	13:20	SERUM LEVELS OF LIVER TRANSAMINASES AS A PREDICTOR OF DENGUE HAEMORRAGIC FEVER <i>U. Ralapanawa, M. Gunarathna, S. Tennakoon, A.T.M. Alawattegama, S.A.M. Kularatne, T. Jayalath</i>
234	13:25	VALUE OF PERIPHERAL BLOOD COUNT IN PREDICTING SEVERITY OF DENGUE

		<i>U. Ralapanawa, A.T.M. Alawattagama, S. Tennakoon, M. Gunarathna, S.A.M. Kularatne, T. Jayalath</i>
244	13:30	DIFFERENCES IN CIRCULATORY METAL CONCENTRATIONS IN CATTLE FROM CKDU ENDEMIC AND NON-ENDEMIC AREAS IN SRI LANKA <i>K.H.A.M. Dayananda, M.R.S. Muhandiram, A. Siriwardhana, N. Abayalath, K.H.M.S. Herath, S.P. Kodithuwakku</i>
263	13:35	KNOWLEDGE AND ATTITUDES ON PULMONARY TUBERCULOSIS AMONG ADULTS ATTENDING THE OUTDOOR PATIENTS' DEPARTMENT IN TEACHING HOSPITAL KANDY <i>D.S. Dissanayake, S.S. Kasturiarachchi, P.M.R.T. Jayaweera, K.A.N.S. Kannangoda, J.G.D.K. Jayawickrama, K.T.A.M.D. Kasthurirathne, K.D.N.K. Katulanda, M.K.P. Kavirathne, K.O.V. Kehelovitagama, I.R.C.M. Jayawardana</i>
276	13:40	ASSESSMENT OF THE EFFECT OF BRIEF EDUCATION INTERVENTION ON KNOWLEDGE, ATTITUDE AND APPROPRIATE USAGE OF ANTICANCER MEDICATION AMONG CANCER PATIENTS <i>R.U.K. Premathilaka, A.J. Hilmi, F. Mohomad</i>
331	13:45	APPROACHES TO MINIMIZE MEDICATION MISADVENTURE BY "LOOK-ALIKE" PHYSICAL APPEARANCE OF DRUGS OF CKD PATIENTS <i>N.D.D. Wickramasinghe, C.B.Lynch, J. Coombes, S.F. Jayamanne, S.T. De Silva</i>
434	13:50	EVALUATION OF INSULIN TRANSPORTATION, STORAGE METHODS AND DISPOSAL OF INSULIN ADMINISTRATION DEVICES BY PATIENTS ATTENDING THREE GOVERNMENT HOSPITALS CLINICS IN SRI LANKA <i>V. Sahabandu, A.C.M. Fahim, D. Niyangoda</i>
448	13:55	IMPACT OF A BRIEF PATIENT EDUCATION AND TELEPHONE REMINDERS IN IMPROVING THE MEDICATION ADHERENCE IN PATIENTS WITH TYPE 2 DIABETES MELLITUS <i>K. Thanushiya, N.M.Y. Bagyawantha, F. Mohamed</i>

## LCD Panel – HS 6

### **Health Sciences (HS)**

**Evaluator: Dr. J.J.K.H. Udupihille**

Paper ID	Time	Title and Author/s
62	13:00	EFFECT OF MUSIC TEMPOS ON CHANGES OF BLOOD PRESSURE AND HEART RATE

		<i>K.M.P. Priyankara, A.R.M.A.U. Rathnayake, S.N. Chathurika</i>
88	13:05	SELF MANAGEMENT PRACTICES AMONG PATIENT WITH HYPERTENSION IN SELECTED RURAL AREAS OF WELIGEPOLA MOH AREA, RATHNAPURA DISTRICT, SRI LANKA <i>H.M.R.K.G. Nandasena, N.S. Silva</i>
115	13:10	KNOWLEDGE, AWARENESS AND ATTITUDE ON DIABETIC WOUND CARE AMONG TYPE TWO DIABETIC PATIENTS IN THE YATINUWARA MOH AREA IN KANDY DISTRICT <i>H.P.M. Hewavitharane, K.M.S. Wimalasiri</i>
151	13:15	STEROID RESISTANT TAKAYASU ARTERITIS IN A YOUNG GIRL <i>L.P.M.M.K. Pathirage, S.A.M. Kularatne, P.M.R.T. Jayaweera</i>
199	13:20	KNOWLEDGE AND AWARENESS REGARDING CLINIC ATTENDANCE AND COMPLICATIONS RELATED TO DISEASE AMONG THYROID PATIENTS <i>D.K.K. Nanayakkara, S.D. Lenadora, T.I. Kodikara Arachchi, H.R.L. Maddumabandara, K.I.M. Kottahachchy, M.A.D.J. Lasheni, G.R.M.K. Kumara, R.G.C.S. Kumara, L.N.P. Liyanage, B.C. Madanayaka, J.S. Lakshitha, L. Tshering</i>
268	13:25	AWARENESS AND PRACTICES TOWARDS THE URINARY TRACT STONE DISEASE AMONG RESIDENTS AGE BETWEEN 20-60 YEARS IN AUGASTAWATHTHA GRAMA NILADHARI DIVISION, KANDY <i>W.L.A.R. Shashikala, E.M.J.S.K. Ekanayaka</i>
280	13:30	PREVALENCE AND VARIATION OF CALCIUM LEVELS IN RENAL STONES AMONG SRI LANKAN POPULATION <i>P.D.N.S. Sumanadasa, A.U.B. Pethiyagoda, J.G.S. Ranasinghe, H.M.G.T.A. Pitawala</i>
321	13:35	RELATIONSHIP OF THE HEEL HEIGHT WITH PELVIC TILT, LUMBAR LORDOSIS AND LOW BACK PAIN AMONG FEMALE OFFICE WORKERS IN THE DISTRICT OF COLOMBO <i>S.H.A. Amarasinghe, C. Arambepola</i>
402	13:40	KNOWLEDGE ON MANAGEMENT OF BED HEAD TICKETS AMONG GRADE MEDICAL OFFICERS IN A REGIONAL HEALTH DIRECTORATE <i>S.M.N.S.M. Mallawarachchi, C.H. Mallawarachchi</i>
449	13:45	A STUDY ON INDICATORS OF NUTRITIONAL STATUS IN CHRONIC KIDNEY DISEASE OF UNCERTAIN AETIOLOGY (CKDU), SRI LANKA <i>W.B.N.T. Fernando, K.R.D. Hemage, A.T. Herath, M.Z. Badurdeen, D.P.G.S. Kumudumali, T.W. Hettiarachchi, S.H.T. Sudeshika, D.T.D.J. Abeysekara, J.G.S. Ranasinghe, N. Nanayakkara</i>

463	13:50	PREVALENCE OF MICROVASCULAR COMPLICATIONS OF TYPE 2 DIABETES MELLITUS PATIENTS ATTENDING THE DIABETES AND ENDOCRINOLOGY CLINIC IN THE TEACHING HOSPITAL, KANDY <u>A.S. Vidanapathirana</u> , K.A.S. Jayawardena, C. Antonypilai, J.A.C.K. Jayawardena
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## LCD Panel – HS 7

<b>Health Sciences (HS)</b>		
<b>Evaluator: Dr. S.P.M. Peiris</b>		
Paper ID	Time	Title and Author/s
77	13:00	A DESCRIPTIVE STUDY ON CLINICAL SIGNS, SYMPTOMS, LABORATORY AND SURGICAL FINDINGS AMONG PATIENTS PRESENTING WITH SUSPECTED ACUTE APPENDICITIS TO A SURGICAL WARD <i>G. Abeyasinghe, S. Tennakoon, W.C.N. Welgama, H. Fahim, S. Bandara, G. Dasanayake</i>
110	13:05	CHARACTERISTICS OF PATIENTS WITH ISCHEMIC VENTRICULAR SEPTAL DEFECTS FOLLOWING MYOCARDIAL INFARCTION: A SINGLE INSTITUTIONAL EXPERIENCE <i>H.G.W.P.L. Bandara, A. Jegavanthan, N.M.T.C. Jayasekara, T. Kogulan, N.W. Kodithuwakku, S.R. Jayawickrama, A. Kularathne, G. Weerakoon, S.N.B. Dolapihilla, T. Sirisena</i>
120	13:10	KNOWLEDGE AND AWARENESS OF BURN INJURIES AMONG GOVERNMENT SCHOOL TEACHERS IN MATALE MUNICIPAL COUNCIL AREA <i>S. Tennakoon, D.A.A.B Aththanayake, G.A.W.M.Y.T. Athapattu, A.M.J. Atapattu, A.L.G.K. Aruppola, M.N.F. Aysha, C.J.K. Kadawatharachchi, G.G.U.C. Ariyaratne, B.M.Y.S. Bandara, H.M.C.M. Bandara, K.D.S. Asanka</i>
150	13:15	LIFE THREATENING RECURRENT KLEBSIELLA PNEUMONIAE MENINGITIS COMPLICATED WITH A STROKE <i>L.P.M.M.K. Pathirage, S.A.M. Kularatne, P.M.R.T. Jayaweera, G.A.K.S.K. Rathnayake</i>
428	13:20	MORPHOMETRY OF PELVIC BONES IN A GROUP OF CONTEMPORARY SRI LANKAN SINHALESE POPULATION <i>T.D. Vithanage, P.S.K. Madugalle, D.D. Ihalagedara, D.M.M.L.B. Dissanayake, H.R.D. Peiris, B.M.H.S.K. Banneheka, A.K.S. Arambawatta, C.D. Nanayakkara</i>

430	13:25	AWARENESS AND PRACTICES ON BREAST CANCER AMONG FEMALE UNDERGRADUATES IN FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF PERADENIYA, SRI LANKA <i>E.N. Dilrukshj, E.M.J.S.K. Ekanayaka</i>
462	13:30	A STUDY OF MORPHOLOGICAL AND MORPHOMETRIC CHARACTERISTICS IN FEMORAL DIAPHYSEAL NUTRIENT FORAMINA <i>P.I. Perera, P.P.M.C.K. Pathiraja, W.N. Sulani, W.A.P.S. Wijesooriya, L. Ranaweera</i>
501	13:35	PREVALENCE AND RISK FACTORS FOR AUTOIMMUNE THYROIDITIS IN A STUDY COHORT IN KANDY DISTRICT: A PILOT STUDY <i>S. Rosairo, G.B. Hettiarachchi, R. Sivakanesan, P.V.R. Kumarasiri, N.V.I. Ratnatunga, A. Dharmapala</i>
507	13:40	AWARENESS OF BREAST CANCER AND PRACTICE OF BREAST SELF-EXAMINATION AMONG FEMALE UNDERGRADUATES OF SELECTED FACULTIES, UNIVERSITY OF PERADENIYA <i>J.V.P.S. Koshila, U.M.U.W. Jayasekara, H.M.T.U. Herath</i>

## LCD Panel – HS 8

<b>Health Sciences (HS)</b>		
<b>Evaluator: Dr. A.M. Attygalla</b>		
Paper ID	Time	Title and Author/s
33	13:00	ASSESSMENT OF DEMOGRAPHIC FEATURES AND CONCORDANCE BETWEEN CLINICAL AND HISTOPATHOLOGICAL DIAGNOSES OF LESIONS OF THE TONGUE <i>N.H. Senarath, P.R. Jayasooriya, R.D. Jayasinghe, E.A.P.D. Amaratunga</i>
70	13:05	NATURAL HISTORY OF ORAL SUBMUCOUS FIBROSIS: A CLINICOPATHOLOGICAL STUDY <i>W.A.M.U.L. Abeyasinghe, P.R. Jayasooriya, W.M. Tilakaratne</i>
119	13:10	IMMUNOHISTOCHEMICAL EXPRESSION PATTERN OF P16, P53, CYCLIND1 AND EGFR AND THEIR CORRELATION WITH CLINIC-PATHOLOGICAL PARAMETERS IN MUCOSAL SQUAMOUS CELL CARCINOMAS IN THE HEAD AND NECK <i>E.H. Siriweera, J.A.H. Sandarekaa, C.S. Warusawithana, I.M. Zardawi</i>
341	13:15	HUMAN PAPILLOMA VIRUS INFECTION AND ITS CORRELATION WITH EXPRESSION OF P16 GENE IN ORAL POTENTIALLY MALIGNANT DISORDERS AND ORAL CANCER

		<i>A.K. Baddevithana, R.P. Illeperuma, R.D. Jayasinghe, B.S.M.S. Siriwardena, W.M. Tilakaratne</i>
410	13:20	A MORPHOMETRIC ANALYSIS OF THE EXTERNAL EAR, NOSE AND EYE; SIGNIFICANCE IN GENDER DETERMINATION <i>A.K.S. Arambawatta, H.R.D. Peiris, B.G.T.L. Nandasena, B.M.H.S.K. Banneheka, D.D. Ihalagedera, R.G.A.P. Abeyundara, D.M.M.L.B. Dissanayake, C.D. Nanayakkara</i>
468	13:25	USE OF MOBILE DEVICES FOR OBTAINING TREATMENT: EXPERIENCE FROM AN ORAL AND MAXILLOFACIAL SURGERY PRACTICE <i>N.S.S. Jayasuriya, T.M.S.S.K. Yatigammana Ekanayake, L.R.M. Dayabandara</i>
475	13:30	AWARENESS OF ORAL HEALTH PRACTICES AMONG MOTHERS OF 2-6 YEARS OLD CHILDREN IN SRI LANKA <i>C. Herath, L. Dissanayake, C. Jayawardana</i>
476	13:35	ORAL CANDIDA, COLIFORMS AND TOTAL BACTERIAL COUNTS IN A GROUP OF SRI LANKANS WITH CHRONIC KIDNEY DISEASE OF UNKNOWN ORIGIN <i>J.A.T.M.K. Bandara, I.E. Weerasinghe, S.H.K. Weerasekara, J.A.M.S. Jayatilake</i>
484	13:40	ASSESSMENT OF THE KNOWLEDGE OF ORAL HEALTH, ATTITUDE AND ORAL HYGIENE PRACTICES AMONG 12-17 YEAR SCHOOL CHILDREN OF NATIONAL SCHOOLS IN KANDY ZONE <i>S. Herath, C. Herath, C. Jayawardana</i>

## LCD Panel – HS 9

### **Health Sciences (HS)**

**Evaluator: Prof. K.A.S. Kodikara**

Paper ID	Time	Title and Author/s
9	13:00	AWARENESS AND ATTITUDES TOWARDS CERVICAL CANCER AND CERVICAL CANCER SCREENING AMONG FEMALE UNDERGRADUATES IN UNIVERSITY OF PERADENIYA <i>K.T.D.S. Jayawickrama, A.U. Rathnayake</i>
14	13:05	CIRCULAR RUPTURE OF A NULLIPAROUS UTERUS DURING LABOUR – A CASE REPORT <i>J.B. Wickramasinghe, M.A.N.P. Dilruwan, R. Pathiraja, L.P. Ruwanpura</i>
15	13:10	AN AUDIT ON THE TIME OF INDUCTION OF LABOUR VS TIME OF DELIVERY <i>J.B. Wickramasinghe, A. Fernando, M.A.N.P. Dilruwan, L.P. Ruwanpura</i>

16	13:15	AUDIT ON THE EFFECTIVENESS OF PER-VAGINAL MISOPROSTOL IN THE MANAGEMENT OF 1ST TRIMESTER MISCARRIAGES IN LOCAL SETTING <i>M. Jayawardane, J.B. Wickramasinghe</i>
44	13:20	A RARE CASE OF MILLER-FISHER VARIANT OF GUILLAIN-BARRE SYNDROME (GBS) IN PREGNANCY <i>R.M.U. Rajakaruna, J.B. Wickramasinghe, N.G.C.L. Samarawickrama, W. Abyekoon</i>
50	13:25	ACUTE FATTY LIVER IN PREGNANCY WITH MICRO ANGIOPATHIC HAEMOLYTIC ANAEMIA; A CASE REPORT <i>J.B. Wickramasinghe, N.G.C.L. Samarawickrama, M. Rajakaruna, W. Abyekoon</i>
58	13:30	ASSOCIATION BETWEEN FOETAL GENDER AND PERIOD OF GESTATION (POG) WITH PREVALENCE OF PLACENTAL AND FOETAL ANOMALIES AMONG STILLBIRTHS IN THE DISTRICT OF KANDY <i>A.M.S.S. Alahakoon, R.M.C. J. Rathnayaka, T. M.S.U.B. Tennakoon, K.E. Karunakaran</i>
85	13:35	A SUCCESSFUL MANAGED CASE OF PREGNANCY COMPLICATED WITH EISENMENGER SYNDROME AND POSTPARTUM HEMORRHAGE (PPH) <i>R.M.U. Rajakaruna, J.B. Wickramasinghe, N.G.C.L. Samarawickrama, W. Abyekoon</i>
145	13:40	COMMON CAUSES OF MATERNAL NEAR-MISSES IN TEACHING HOSPITAL PERADENIYA <i>G.H.K.K. Gunawardena, L.P.M.M.K. Pathirage, H.H.M.D.N. Herath, W.A.V.S. Bandara</i>
327	13:45	MENSTRUAL HYGIENE: KNOWLEDGE AND PRACTICE AMONG ADOLESCENT SCHOOL GIRLS <i>N. Chathurika, T.D Sundarapperuma, J.Lenora</i>
396	13:50	ASSESSMENT OF KNOWLEDGE AND ATTITUDES TOWARDS PRECONCEPTION CARE AMONG FINAL YEAR UNDERGRADUATES IN A SELECTED CONVENTIONAL UNIVERSITY IN SRI LANKA <i>S.K.S.D. Ananda, A.Y.R. Athukorala</i>



## LCD Panel – HS 10

<b>Health Sciences (HS)</b>		
<b>Evaluator: Dr. B.N. Dissanayake</b>		
Paper ID	Time	Title and Author/s
43	13:00	PREVALENCE OF RESPIRATORY VIRUSES IN ACUTE RESPIRATORY TRACT INFECTIONS IN CHILDREN PRESENTED TO THE PAEDIATRIC WARDS OF THE GENERAL HOSPITAL, KEGALLE <i>M.V.M. Divaratne, R.A.M. Rafeek, A.M.S.B. Abeykoon, A.J. Morel, F. Noordeen</i>
94	13:05	ANTIBACTERIAL EFFECT OF A TRADITIONAL POLYHERBAL MOUTH FRESHENER AGAINST STREPTOCOCCUS MUTANS AND PORPHYROMONAS GINGIVALIS <i>M.P. Paranagama, N.S. Piyarathne, M.R.D.M. Senanayake, S.H.K. Weerasekera, J.A.M.S. Jayatilake, P.S. Rajapakse</i>
101	13:10	DETECTION OF DENGUE MARKERS AND RISING TITRE OF ANTI-DENV IGG TO CONFIRM DENGUE VIRAL INFECTION IN A SAMPLE OF CLINICALLY SUSPECTED DENGUE PATIENTS <i>V.K. Kothwela, M. Amunugama, F. Noordeen, M.K.A. Naser</i>
261	13:15	VECTOR INDEX BASED CHARACTERIZATION OF DENGUE EPIDEMICS IN THE KANDY MUNICIPAL COUNCIL AND GANGAWATA KORALE, MEDICAL OFFICER OF HEALTH (MOH) AREAS, KANDY <i>N.W.B.A.L. Udayanga, P.A.D.H.N. Gunathilaka, M.C.M. Iqbal, P.H.D. Kusumawathie, W. Abeyewickreme</i>
363	13:20	EVIDENCE FOR PAST EXPOSURE TO HANTAVIRUS INFECTION AMONG ADULT POPULATION OF UKUWELA MEDICAL OFFICER HEALTH (MOH) AREA, MATALE DISTRICT, SRI LANKA <i>M.N. Chamidu, D.A.C.T. Chandrasiri, B.E.S.T.N. Bulathgama, M.R.A. Bandara, E.M.N. Bandaranayake, E.V.S. Chandralal, Y.D. Sarathkumara, K. Yoshimatsu, J. Arikawa, C.D. Gamage</i>
385	13:25	DETERMINATION OF THE AWARENESS OF PHARMACISTS ON MICROBIAL SPOILAGE OF NON-STERILE PHARMACEUTICALS DURING DISPENSING AND STORAGE IN GAMPAHA DISTRICT <i>J.A.D.T. Jayakody, T.M.I.U.K. Tennakoon</i>
401	13:30	BRUGIAN FILARIASIS IN SELECTED AREAS IN GAMPAHA DISTRICT, SRI LANKA <i>C.H. Mallawarachchi, T.G.A.N. Chandrasena, S.D. Samarasekara, S.M.N.S.M. Mallawarachchi, N.R. de Silva</i>

431	13:35	DIVERSITY AND ABUNDANCE OF SAND FLIES (PSYCHODIDAE: PHLEBOTOMINAE) IN THREE CUTANEOUS LEISHMANIASIS ENDEMIC AREAS IN KURUNEGALA DISTRICT <i>A.C.T. Wijerathna, P.A.D.H.N. Gunathilaka, N.K. Gunawardana</i>
439	13:40	UTILITY OF A RAPID IMMUNOCHROMATOGRAPHY ASSAY FOR THE DETECTION OF ANTI-DENV IgM AND IgG <i>K. Muruganathan, P.D.N. Coonghe, N. Ketheesan, F. Noordeen</i>
460	13:45	SEQUENCE ANALYSIS OF PARTIAL GP63 GENE OF LEISHMANIA DONOVANI IN SRI LANKA <i>G.L.S. Galgamuwa, J.A.M.B. Sumanasena, W.M.D.R. Iddawela, M.D.M.L.D.K. Yatawara, S. Wickramasinghe</i>

## LCD Panel – IMS

<b>IT, Mathematics and Statistics (IMS)</b>		
<b>Evaluator: Dr. R.D. Nawaratne</b>		
Paper ID	Time	Title and Author/s
198	13:00	LOCATION BASED SERVICES OVER SOFTWARE DEFINED NETWORKS <i>D.G.H.H. Dodampegama, E.M.A M. Ekanayake, S.N. Karunarathna</i>
228	13:05	INVESTIGATING THE CAPABILITY OF ARTIFICIAL NEURAL NETWORKS FOR BREAST CANCER DETECTION USING CLINICAL, MAMMOGRAPHIC AND HISTOPATHOLOGICAL DATA <i>R.K. Kotagodahetti, M.A. Elangasinghe, P.B. Hewavithana, G.B. Hettiarachchi</i>
267	13:10	EMOTION BASED SAFETY MEASURES FOR DRIVERS <i>H.D.T.V. Perera, C.T. Shi, K.D.B.C. Uduagama, R. Ragel, N. Nawinne, T.N. Kumara</i>
284	13:15	AFFORDABLE ENVIRONMENTAL CONTROLLING SYSTEM FOR GREENHOUSES <i>A.O. Wickramarachchi, K.D.D.S. Weerasekera, J.A.T.K. Wijerathne, R. Ragel, A. Bandaranayake</i>
296	13:20	JAVASCRIPT OPTIMIZING TOOL FOR LOADING WEB PAGES FASTER <i>C.C. Sudusinghe, M.E.L. Dilshan, J.G.W.N.P. Mohotti</i>
343	13:25	THE IMPACT OF BIRTH WEIGHT ON EARLY CHILDHOOD DEVELOPMENT: EVIDENCE FROM EARLY CHILDHOOD DEVELOPMENT CENTERS IN MIHINTALE, SRI LANKA <i>P.H.R.B.D. Kumarihamy</i>
444	13:30	A CASE STUDY OF NURSE SCHEDULING PROBLEM USING GOAL PROGRAMMING <i>A.M.S.K. Abeykoon, S.B. Siyambalapatiya</i>

## LCD Panel – NS

<b>Natural Sciences (NS)</b>		
<b>Evaluator: Dr. C.V. Hettiarachchi</b>		
Paper ID	Time	Title and Author/s
156	13:00	PYROLYSIS OF COCONUT SHELLS AND CHARACTERIZATION OF COCONUT SHELL BIO-OIL FOR BIOREFINERY APPLICATIONS <i>L.I. Arunali, P.I. Godakumbura, M.A.B. Prashantha</i>
157	13:05	CALCIUM OXALATE CRYSTALLIZATION INHIBITION ACTIVITY OF THE LEAF EXTRACTS OF PASSIFLORA FOETIDA <i>M.C.B. Ariyawansa, K.C.P. Mahatantila, K.G.U.R. Kumarasinghe</i>
232	13:10	EMPIRICAL INFECTION OF FURCOCERCOUS CERCARIAE (TREMATODA) IN COMMON HOURGLASS TREE FROG, POLYPEDATES CRUCIGER <i>N.U.K. Pathirana, M. Meegaskumbura, R.S. Rajakaruna</i>
254	13:15	THIRAM INTERCALATED/SURFACE ADSORBED MONTMORILLONITE NANOCOMPOSITES FOR CONTROLLING SOIL BORNE PLANT PATHOGENIC FUNGI <i>R. Rienzie, N. Madusanka, D.M. De Costa</i>
305	13:20	PRODUCTION OF ANHYDROUS ETHANOL BY USING CASTOR OIL BASED DIFFERENTIAL SOLUBILITY METHOD <i>S.S. Nanayakkara, C.S. Kalpage, C.A. Gunathilake</i>
310	13:25	DETERMINATION OF IN VITRO SUN PROTECTION FACTOR (SPF) OF BARK EXTRACT OF BRIDELIA RETUSA <i>S.U. Kankanamge, A.A.M.D.D.N. Amarathunga, N.A. Sanjeevani, R.N. Pathirana, W.D. Ratnasooriya</i>
326	13:30	NAGAR KOVIL AND MAMUNAI: IMPORTANT REFUGES FOR FLAMINGOS AND OTHER WATERBIRDS IN JAFFNA PENINSULA <i>Chaminda S. Wijesundara, Packiyathan Rajkumar</i>
443	13:35	NOVEL, LOW COST SYNTHESIS METHODS OF HEMATITE NANOPARTICLES FROM SRI LANKAN IRON-RICH LATERITES <i>K.E.D.Y.T. Dayananda, B.P.N. Gunawardhana, D.M.S.N. Dissanayake, M. M.M.G.P.G. Mantilaka, R.M.G. Rajapakse, K.M. Nalin de Silva, G.A.J. Amaratunga, H.M.T.G.A. Pitawala</i>
450	13:40	POPULATION SIZE AND MOVEMENTS OF THE GREATER FLAMINGO (PHOENICOPTERUS ROSEUS) WITHIN THE JAFFNA PENINSULA, SRI LANKA <i>Chaminda S. Wijesundara, Saumya Wanniarachchi, Tharangi Hettiarachchi, Supun Galappaththi, Asela Weerawardhana, Packiyathan Rajkumar</i>

## LCD Panel - PSF

<b>Plant Sciences &amp; Forestry (PSF)</b>		
<b>Evaluator: Prof. H.M.S.P. Madawala</b>		
Paper ID	Time	Title and Author/s
2	13:00	DETERMINATION OF APPROPRIATE SEEDLING DENSITY FOR SEEDLING BROADCASTING METHOD IN RICE <i>W.S. Priyantha, R.M.U.S. Bandara, D.D. Witharana, R.D.H. Hemachadra, H.M.M.K.K.H. Dissanayaka</i>
20	13:05	THE INFLUENCE OF SPAWN PRODUCTION SUBSTRATE ON GROWTH, YIELD OF OYSTER MUSHROOMS (PLEUROTUS OSTREATUS) <i>H.W.J.P. Amarasekara, J.P. Kirthisinghe, D.N.C. Weerasekera, P.R.S.D. Bandaranayake, B.G.G. Wijesooriya</i>
109	13:10	THE EFFECT OF OSMOTIC STRESS INDUCED BY MANNITOL ON THE IN VITRO ROOT GROWTH OF RICE VARIETIES IN SRI LANKA <i>S.W. Meepegamage, C.S. Dhanapala</i>
177	13:15	RESOURCE PARTITIONING AND NICHE SHIFTS IN INSECTIVOROUS BIRD GUILDS IN A FOREST ECOSYSTEM AND A TEA PLANTATION <i>Aseela S. Weerawardhana, Chaminda S. Wijesundara</i>
202	13:20	FLOWERING AND FRUITING PHENOLOGY OF SOLANUM MAURITIANUM <i>D.C.N.A. Wickramarathne, J.D. Kottawa-Arachchi, C.B. Alahakoon, P.R. Weerasinghe, G.A.D. Perera, H.A.C.K. Ariyaratna</i>
408	13:25	PRELIMINARY SURVEY OF MOSS FLORA IN HANTHANA MOUNTAIN RANGE, SRI LANKA <i>E.H.C.M. Eeriyawala, S.C.K. Rubasinghe</i>

## LCD Panel - SSH

<b>Social Sciences &amp; Humanities (SSH)</b>		
<b>Evaluator: Dr. M.M.P. Perera</b>		
Paper ID	Time	Title and Author/s
86	13:00	MUSIC PREFERENCES AMONG UNDERGRADUATES OF UNIVERSITY OF PERADENIYA <i>K.M.P. Priyankara, A.U. Rathnayake, S.N. Chathurika</i>
112	13:05	DIVERSE PERCEPTIONS OF THE COMMUNITY ON URBAN TREES: A CASE STUDY IN TEACHING HOSPITAL ANURADHAPURA, SRI LANKA <i>S.M.M.R. Mawalagedera, D.R.W.A.B. Dissanayake</i>
173	13:10	RELATIONSHIP BETWEEN SELF-WORTH AND AGGRESSION: A SURVEY STUDY ON UNDERGRADUATES <i>M.H.R. Abhayarathne, M.I.K. Amarasinghe, R.D.I. Anjane, D.V.P. Prasada</i>
207	13:15	A CRITICAL STUDY OF THE POSITION OF GENDER IN EARLY BUDDHISM <i>Kasun Dharmasiri</i>
300	13:20	SURFACE DECORATION TECHNIQUES OF CERAMIC TABLEWARE PRODUCTS IN SRI LANKAN CONTEXT <i>W.M.N.D. Ranasinghe</i>
324	13:25	IDENTIFYING HALLS OF RESIDENT LOCATIONS FOR UNIVERSITY OF PERADENIYA <i>D.M.L. Dissanayake, D.M.S.C.D.M. Jayathilaka, A.P.S.H. Amarasinghe, P. M. Gamage, G.V.S.A. Ganegoda</i>
415	13:30	LANGUAGE IN PERFORMANCE: A STUDY OF THE END OF ENGLISH INTENSIVE COURSE CONCERT, FACULTY OF ARTS, UNIVERSITY OF PERADENIYA <i>S. Kulatunga, S. Anuradha, P. Ekanayake</i>
426	13:35	AWARENESS AND USAGE OF THE CAREER GUIDANCE AND COUNSELING UNIT (CGCU) BY UNDERGRADUATES OF THE UNIVERSITY OF PERADENIYA <i>W.A.S. Nirmani, V.N. Gunasekara, S.K.N. Pushpakumara</i>
440	13:40	BUDDHIST TEACHING FOR EFFECTIVE PROBLEM SOLVING <i>H.M.M. Herath</i>
445	13:45	IMPORTANCE OF COMMUNITY PARTICIPATION IN PRE-DISASTER MANAGEMENT ACTIVITIES IN SRI LANKA: A CASE STUDY ON DOAMDENIYA LANDSLIDE RISK AREA IN MATALE DISTRICT <i>K.P.N. Silva</i>
477	13:50	HAS SRI LANKA REACHED THE REPLACEMENT LEVEL OF FERTILITY? A GEOGRAPHIC EXPLORATION <i>P.P. Masakorala, N.K. Dangalle</i>

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