International Research Conference of The Open University of Sri Lanka 2026
(IRC-OUSL 2026)
11th, 12th, & 13th November 2026

Day 1: 11th November 2026	
INAUGURATION PROGRAMME **Venue:** Conference Hall- OUSL	
12.30 - 12.50 pm	Registration
01.00 - 01.05 pm	Opening Remarks
01.05 - 01.10 pm	Traditional Lighting of the Oil Lamp
01.10 - 01.15 pm	National Anthem
01.15 - 01.20 pm	Advancing Research: A Journey of Excellence
01.20 - 01.30 pm	Welcome Address - **Snr Prof Shyama R Weerakoon** (Conference Chair – IRC-OUSL 2026)
01.30 - 01.35 pm	OUSL at a Glance: An Institutional Video
01.35 - 01.45 pm	Address by The Chief Guest - **Snr Prof P M C Thilakerathne** (The Vice-Chancellor, The Open University of Sri Lanka)
01.45 - 02.00 pm	Cultural Entertainment
02.00 - 02.15 pm	Address by the Guest Speaker - **Dr Lisa Bowers** (Senior Research Fellow, The Open University, UK)
02.15 - 02.30 pm	Address by the Guest Speaker - **Snr Prof Ajith Priyal de Alwis** (Senior Professor in Chemical and Process Engineering, University of Moratuwa)
02.30 - 02.45 pm	Special Cultural Interlude
02.45 - 03.00 pm	Address by the Guest Speaker - **Mr Laksiri Balasooriya** (Head/Capacity Development, Virtusa (Pvt) Ltd)
03.00 - 03.45 pm	Recognition of Excellence: Presentation of OUSL Awards 2025
03.45 - 03.50 pm	Presentation of 3MT Awards and Doctoral Colloquium Award 2026
03.50 - 03.55 pm	Launching of IRC-OUSL 2026 Conference Proceedings
03.55 - 04.00 pm	Vote of Thanks - **Dr Buddhika Madurapperuma** (Conference Co-Chair – IRC-OUSL 2026 Organizing Committee)
04.00 -04.30 pm	Refreshments

Day 2: 12th November 2026	
9.00 -9.45 am	**Keynote 1 – *"If Adaptive Intelligence is our Goal, then What are its Design Implications?"*** **Prof Som Naidu** Principal Associate (Technology Education and Design Associates), Principal Fellow of the Higher Education Academy, Australia **Venue: Faculty Auditorium - Faculty of Health Sciences**
Theme: Open & Distance Learning and Quality Assurance for Higher Education **Chaired By: Snr. Prof. P. M.C. Thilakarathne** **Panel Members: Prof. Som Naidu and Dr Lisa Bowers** **Venue: Faculty Auditorium - Faculty of Health Sciences**	
10.00-10.15 am	**ID-147** **UNDERGRADUATE PERCEPTIONS REGARDING THE INSTRUCTIONAL DESIGN FEATURES OF SELF-INSTRUCTIONAL MATERIALS OF THE OPEN UNIVERSITY OF SRI LANKA** *D. U. Ranasinghe & S. P. Karunanayaka*
10.15-10.30 am	**ID-155** **EXPLORING AWARENESS AND PRACTICES OF DIGITALLY-ENHANCED INSTRUCTIONAL METHODS AMONG ODL PRACTITIONERS AT OUSL** *M. K. Jayakody & S. P. Karunanayaka*
10.30-10.45 am	**ID-167** **DESIGN AND DEVELOPMENT OF AN AI-BASED MOBILE HEALTH APPLICATION FOR CHRONIC DISEASE SELF-MANAGEMENT** *T. A. M. I. Dayarathna & W. C. Uduwela*
10.45-11.00 am	**ID-283** **GENERATIVE AI ENGAGEMENT AND COGNITIVE DEVELOPMENT AMONG THE UNDERGRADUATES FOLLOWING THE STUDY PROGRAMMES THROUGH OPEN AND DISTANCE LEARNING** *W. A. R Senevirathne & M. M. Z. Hussain*
11.00-11.15 am	**ID-43** **A LONGITUDINAL STUDY OF GRADUATE SATISFACTION WITH ACADEMIC AND LEARNER SUPPORT PRACTICES AMONG BSC GRADUATES OF THE FACULTY OF NATURAL SCIENCES, OPEN UNIVERSITY OF SRI LANKA** *K. Ranasinghe, N. N. Nilakarawasam & M. A. Herath*
11.15-11.30 am	**SESSION BREAK (15 mins)– TEA**

	PARALLEL SESSION 1	PARALLEL SESSION 2	PARALLEL SESSION 3	PARALLEL SESSION 4	PARALLEL SESSION 5	PARALLEL SESSION 6
Theme	***Education***	***Biological Sciences***	***Physical Sciences***	***Engineering & Technology***	***Health Sciences***	***Management***
Chaired By:	**Panel Discussion 1: Education** ***https://learn.zoom.us/j/94364533594?pwd=XEzzPvJPc4b3ocElaudaEBmbQsQVLr.1*** ***Theme: "Political Socialisation and Role of Academia*** **Resource persons** Prof. Vishaka Suriyabandara **Date-** 12th November 2026 **Time**: 11.30 am -1.00 pm **Venue; Faculty Board Room, Faculty of Education**	**Prof. T. S. P. Fernando**	**Prof. D. T. Abeysinghe**	**Prof. H.U.W. Rathnayake**	**Prof. B. Sunil S. De Silva**	**Mr S. A. D. Senanayake**
Panel members:		**Dr. N. Nilakarawasam** **Dr. K.V. N.S. Bandara**	**Dr. A. Dikkumbura** **Dr. D.D. Alwis**	**Eng. H. D. N. S. Priyankara** **Dr. I.S.K. Wijayawardane**	**Dr. P. Madhavi** **Dr. M. P. Dissanayake**	**Dr. J. Heenkenda** **Dr. S. M. D. C. W. Senarathne**
Venue		**Meeting Room 2 Faculty of Health Sciences**	**Meeting Room 1 Faculty of Health Sciences**	**Smart Classroom Faculty of Health Sciences**	**Faculty Board Room Faculty of Health Sciences**	**Faculty Board Room Faculty of Humanities and Social Sciences**
Online						
11.30-11.45 am		**ID-93** **EPIDEMIOLOGY OF CANINE BLOOD-BORNE AND VECTOR-BORNE PARASITES ACROSS THREE AGRO-CLIMATIC ZONES IN SRI LANKA** *A. H. K. Kiridana, K. O. Bandaranayaka, R. S. Rajakaruna, A. Dangolla & C. D. Jayasinghe*	**ID-24** **COMPARATIVE ADSORPTION PERFORMANCE OF NEEM (*Azadirachta indica*) LEAF POWDER AND ITS ACTIVATED CARBON FOR CADMIUM(II) AND CHROMIUM(VI) REMOVAL** *K. W. E. A. Perera & S. Arasaretnam*	**ID-25** **DEVELOPMENT AND EXPERIMENTAL EVALUATION OF AN ADAPTABLE THERMOELECTRIC POWER GENERATION MODULE FOR INDUSTRIAL AND GENERATOR EXHAUST SYSTEMS** *P. W. S. V. Fernando & W. E. P. S. Ediriweera*	**ID-80** **EXPLORING PSYCHOSOCIAL SUPPORT NEEDS OF WOMEN: WOMEN'S EXPECTATIONS FOR MENSTRUAL WELL-BEING** *I.M. K. Nimasha, G. A. Dilhani, D. N. Mahindapala & E. D. C. Dilhani*	**ID-03** **HUMAN–AI COLLABORATION IN UAE ORGANIZATIONS: THE IMPACT OF AI-ENABLED HR ANALYTICS ON EMPLOYEE PERFORMANCE AND RETENTION IN THE HOSPITALITY SECTOR** *W. K. Alrawi*

11.45 am- 12.00 noon		**ID-96** **PREVALENCE AND DISTRIBUTION OF GASTROINTESTINAL PARASITES IN POULTRY ACROSS SELECTED DISTRICTS OF SRI LANKA** *M. L. Sakunthala, N. U. K. Pathirana & K. O. Bandaranayaka*	**ID-52** **SYNTHESIS OF BIODEGRADABLE PACKAGING WITH NANOCRYSTALS FROM BREADFRUIT LEAVES (*Artocarpus altilis*) AND NANOFIBER FROM COCONUT HUSK (*Cocos nucifera*)** *P. H. S. S. S. Samarasena, N. D. N. Sadaruwani , K. K. Perera, H. M. M. A. Nuwanmini & R. Haputhanthri*	**ID-26** **PERFORMANCE COMPARISON OF SMART EARTH WIRE MONITORING SYSTEM FOR CONSTRUCTION SITES** *H. P. M. C. L. Pathirathna, & W. E. P. S. Ediriweera*	**ID-118** **ADAPTIVE INTELLIGENCE IN MEDICOLEGAL SERVICES IN SRI LANKA: A CONCEPTUAL FRAMEWORK BY LITERATURE REVIEW** *K. Vaasuthevaa*	**ID-19** **SEED MARKET TRENDS AND FARMER DECISION-MAKING IN VEGETABLE CROP PRODUCTION IN SRI LANKA WITH SPECIAL REFERENCE TO MATALE DISTRICT** *E. G. O.D. Kularathna & B. D. Madurapperuma*
12.00 noon - 12.15 pm		**ID-119** **IMMUNOLOGICAL AND HEMATOLOGICAL RESPONSES TO NATURALLY OCCURRING HEMOPARASITIC INFECTIONS IN DOGS IN THE WESTERN PROVINCE OF SRI LANKA** *M. E, Edman, K. O. Bandaranayaka & C. D. Jayasinghe*	**ID-53** **CO-ENCAPSULATION OF MULTIPLE MICRONUTRIENTS WITH DIFFERENT SOLUBILITIES USING A DOUBLE EMULSION METHOD** *K. K. Perera, A. Raveendran, S. V. D. Hettiarachchi & R. Haputhanthri*	**ID-30** **ADVANCED FILTRATION-BASED CONTROL FOR TRANSIENT MITIGATION IN ISLANDED MICROGRIDS** *K. A. Sajana, S. Kannangodaarachchi & W. E. P. S. Ediriweera*	**ID-143** **PICTURE-BASED AUGMENTATIVE AND ALTERNATIVE COMMUNICATION FOR IMPROVING FUNCTIONAL COMMUNICATION IN A CHILD WITH CEREBRAL PALSY: A CASE STUDY** *H. M. M. K. I. Herath*	**ID-79** **A QUALITATIVE STUDY ON HINDRANCE FACTORS FACED BY INDIVIDUAL ENTREPRENEURS IN SRI LANKA'S TRADITIONAL BRASS INDUSTRY WITH SPECIAL REFERENCE TO THE CENTRAL PROVINCE** *W. M. I. U. Bandaranayake*

12.15-12.30 pm		**ID-142** **PRELIMINARY ASSESSMENT OF THE DIVERSITY OF *Sphingius* genus (ARANEAE: LIOCRANIDAE) IN SRI LANKA BASED ON MORPHOLOGICAL CHARACTERS** *D. N. G. Dayananda & S. P. Benjamin*	**ID-97** **DEVELOPMENT OF A COLD-CURING GREEN ADHESIVE USING SHELL WASTE OF CASHEW NUTS FOR NATURAL TIMBER BONDING** *Y. G. H. N. K. Herath, & T. L. D. Fernando*	**ID-31** **DESIGN AND STRUCTURAL VALIDATION OF A MECHANICALLY ENHANCED SUSPENDED-LOAD BACKPACK FOR DYNAMIC IMPACT REDUCTION** *I.A. M. Zameer & R. J. Wimalasiri*	**ID-179** **DECIPHERING IMMUNE-CELL TRANSCRIPTOMIC DYSREGULATION AND CONSERVED NEUROINFLAMMATORY PATHWAYS IN EPILEPSY: A SYSTEMATIC REVIEW OF TRANSCRIPTOMIC EVIDENCE** *S. Damsara, A. H. K. Kiridana, K.O. Bandaranayaka*	**ID-32** **MARKET SURVEY ON CONSUMER AWARENESS AND ACCEPTANCE OF GENETICALLY MODIFIED FOOD PRODUCTS IN SRI LANKA** *S. R. Kumarasinghe & B. D. Madurapperuma*
12.30-12.45 pm		**ID-169** **USE OF SPINOSAD TO CONTROL AEDES VECTORS IN CONSTRUCTION SITES IN COLOMBO MUNICIPALITY, SRI LANKA: A COMPARATIVE STUDY WITH TEMEPHOS AND PYRIPROXYFEN** *M. M. S. M. B. Marasinghe, K. O. Banadaranayaka, A. P. S. Perera & H. T. R. Jayasooriya*	**ID-106** **VALORIZATION OF SRI LANKAN RED EARTH AS A NATURAL MINERAL PIGMENT FOR SUSTAINABLE TEXTILE COLORATION** *W. A. A. H. Chamodi & T. L. D. Fernando*	**ID-36** **A RELIABLE EYE-FREE PERSONAL SAFETY ANDROID APPLICATION WITH AUTOMATIC EVIDENCE COLLECTION AND REAL-TIME ALERTS** *W. S. D. Boteju & K. D. B. Aratthanage*	**ID-224** **ASSOCIATION OF DURATION OF DEMENTIA WITH SLEEP QUALITY AND DYNAMIC BALANCE AMONG PATIENTS ATTENDING SELECTED HOSPITALS IN THE COLOMBO DISTRICT** *P. Naomi, A.M.N. Tharika, R. S. P. Fernando & G. A. D. Perera*	**ID-109** **EXPLORING THE FACTORS INFLUENCING SUSTAINABLE OPPORTUNITY RECOGNITION AMONG CREATIVE ENTREPRENEURS IN THE CENTRAL PROVINCE OF SRI LANKA: ROLE OF EFFECTUATION** *W. M. I. U. Bandaranayake & A. S. Munasinghe*

12.45-1.00 pm		**ID-173** **SUSCEPTIBILITY STATUS TO CYPHENOTHRIN AMONG *Aedes aegypti* IN SRI LANKA; A STUDY TO IDENTIFY THE DISCRIMINATION CONCENTRATION FOR MONITORING OF RESISTANCE** *A. Gunarathna, K. O. Bandaranayaka, M. D. S. Janaki, W. C. W. Navaratne, M. Manamperi and H. T. R. Jayasooriya*	**ID-239** **SYNTHESIS, CHARACTERIZATION, AND EVALUATION OF PHOTO-ACTIVATED CO-RELEASING PROPERTIES OF THE RE(I) COMPLEX OF A NN(SO2R)N-TYPE LINEAR TRIDENTATE SULFONAMIDE LIGAND** *M. F. M. Farhan, & K. Ranasinghe*	**ID-37** **EXPLORING THE INFLUENCE OF COMPUTER GAMES ON COGNITIVE FUNCTIONING IN SCHOOL STUDENTS: A SYSTEMATIC LITERATURE REVIEW AND PROPOSED MIXED-METHODS STUDY DESIGN** *P. S. Ekanayake & K. D. B. Aratthanage*	**ID-226** **PREVALENCE AND ASSOCIATED SOCIO-DEMOGRAPHIC FACTORS OF SCREEN DETECTED HYPERGLYCAEMIA AMONG INDIAN FEMALE ADULTS** *K. R. Kumarasiri, D. Vidanage, S. D. Viswakula & T. Samarasekara*	
1.00-1.15 pm		**ID-185** **THERMAL CAMERA-BASED ELEPHANT DETECTION AND AI-INTEGRATED ALERT SYSTEM FOR MITIGATING HUMAN-ELEPHANT CONFLICT (HEC) IN SRI LANKA** *S. Rasmilanthy*	**ID-54** **DEVELOPMENT AND CHARACTERIZATION OF ANTIMICROBIAL BIOPLASTICS REINFORCED WITH NANOCELLULOSE** *K. K. Perera, R. Haputhanthri, G. Priyadarshana, A. T. Herath, R. N. Wijesena*	**ID-56** **DESIGN AND ENGINEERING ANALYSIS OF A GROUND-OPERATED BACKPACK GUTTER CLEANER FOR DOMESTIC MAINTENANCE** *L. J. N. T. Fernando & D. H. R. J. Wimalasiri*	**ID-247** **NUTRITIONAL STATUS OF ADOLESCENTS IN JAFFNA DISTRICT BASED ON WEIGHT FOR AGE AND HEIGHT FOR AGE SCORE Z SCORES** *M. Sivakaran, V. Arasaratnam & R. Surenthirakumaran*	

1.15-1.30 pm		**ID-206** **EFFECTS OF OVITRAP DIAMETER, PLACEMENT HEIGHT, AND NaCl CONCENTRATION ON THE OVIPOSITION PREFERENCES OF *Aedes* MOSQUITOES IN THE TANGALLE MOH AREA, SRI LANKA** *H. R. S. C. Peiris, P. J. Jude, H. C. E. Wegiriya & W. M. C. D. Wijekoone*		**ID-277** **CAMPUS NAVIGATOR: SAFE PEDESTRIAN NAVIGATION USING MANUALLY CURATED MESH NETWORKS AND SERVERLESS GEOJSON** *H. K. S. Madusanka & A. G. B. Aruggoda*	**ID-248** **PRECONCEPTION HEALTH KNOWLEDGE, ITS DETERMINANTS, AND DEMAND FOR EDUCATION AMONG YOUNG WOMEN IN WESTERN PROVINCE, SRI LANKA** *P. Sithmi. D.Medis & W.A.S Sathsara*	
1.30-1.45 pm		**ID-221** **LONG-TERM EXPOSURES TO ENVIRONMENTALLY RELEVANT NEODYMIUM DOSES INDUCES HISTOPATHALOGICAL ALTERATIONS IN VITAL ORGANS OF JUVENILE ZEBRAFISH (*Danio rerio*).** *A. C. M. Mohideen, G. Rajapaksa & P. W. Samarasekere*		**ID-95** **THE IMPACT OF ROBOTIC PROCESS AUTOMATION ON FINANCIAL SERVICES: A SYSTEMATIC LITERATURE REVIEW OF PROCESS REDESIGN OUTCOMES** *K.D.N. Rasanjana, W.P.C. Nimesha, A.M.L Hitiarachchi, D.G.M. de silva*		
1.30 -2.00 pm	**SESSION BREAK (30 min)- LUNCH**					

	PARALLEL SESSION 1	PARALLEL SESSION 2	PARALLEL SESSION 3	PARALLEL SESSION 4	PARALLEL SESSION 5	PARALLEL SESSION 6
Theme	***Education***	***Biological Sciences***	***Physical Sciences***	***Engineering & Technology***	***Health Sciences***	***Management Studies***
Chaired By:	**Prof. F. M. Nawastheen**	**Prof. H. L. Darshani Weerahewa**	**Prof. R. Senadeera**	**Panel Discussion 3** ***Theme- "Bridging Physical and Digital Worlds: Multi-Domain Digital Twins for Resilient Engineering*** **Resource persons** – Dr. Menaka Ranasinghe Moderator - Dr. Rukshima Drabare **Date-** 12th November 2025 **Time –** 2.00 - 3.30 pm **Venue: Smart Classroom Faculty of Health Sciences**	**Prof. K. Vivehananthan**	**Panel Discussion 2: Management Studies** ***Theme- "The Symphony of Value: Aligning Brand, People, Performance, and Profit in the Digital Era*** **Resource persons** Ms. Jayani De Silva Mr. Indraka Liyanage Dr. Rajiv Perera Moderator: Dr. Jayani Hapugoda **Date-** 12th November 2026 **Time –** 2.00 -3.30 pm **Online:-** CETMe, OUSL
Panel members:	**Prof. Som Naidu and Dr. Lisa Bowers**	**Dr. S.M.M.P.K. Seneviratne** **Dr. H. B. P. Sandani**	**Dr. G. D. Illeperuma** **Mrs. W. C. Uduwela**		**Dr. O. K. D. U. P. Nishshanka** **Ms. R. B. J. Buddhika**	
Venue	**Faculty Board Room, Faculty of Education**	**Meeting Room 2 Faculty of Health Sciences**	**Meeting Room 1 Faculty of Health Sciences**		**Faculty Board Room Faculty of Health Sciences**	
Online						
2.00-2.15 pm	**ID-16** **THE RELATIONSHIP BETWEEN INTRINSIC MOTIVATION AND ASPIRATIONS AMONG G.C.E. (A/L) BIOLOGY STUDENTS IN KALUTARA DISTRICT** *B. L. G. Maduwanthi & N. W. L. Narangoda*	**ID-40** **EFFECTS OF IRRIGATION FREQUENCY ON CHLOROPHYLL CONTENT, MORPHOMETRIC TRAITS, AND GROWTH PERFORMANCE OF *Centella asiatica*** *M. M. P. Gunawardhane & D. V. Weerasinghe*	**ID-22** **GIS-BASED ASSESSMENT OF ROAD NETWORK MORPHOLOGY IN KANDY CITY, SRI LANKA** *G. E. Kavirathna*		**ID-120** **MUTATION-DRIVEN DIAGNOSTIC ESCAPE IN CRISPR-BASED VIRAL DETECTION: TOWARD AI-GUIDED MOLECULAR SURVEILLANCE** *T. Thatparan*	
2.15-2.30 pm	**ID-17** **THE STUDY ON BIOLOGY PRACTICAL WORK AND STUDENTS' ACHIEVEMENT IN 1AB SCHOOLS IN AN EDUCATION ZONE IN KALUTHARA DISTRICT** *A.P. J. Siriwardhana & N. W. L. Narangoda*	**ID-65** **ANTIMICROBIAL EFFICACY OF SELECTED SRI LANKAN SPICES ON KEY BACTERIAL PATHOGENS** *M. U. F. Silmy, S. Kokilananthan & M. J. Mathushika*	**ID-74** **TEMPORAL AND GEOGRAPHICAL PATTERNS OF UK STUDY AND WORK VISA APPROVAL OUTCOMES ACROSS ASIAN COUNTRIES (2010-2025)** *D. G. S. S. Premasiri & R. Punchi-Manage*		**ID-160** **GENETIC DIVERSITY OF *Salmonella typhimurium* IN SRI LANKA: A WHOLE-GENOME SEQUENCING STUDY** *R. H. Kaushalya, N. D. S Arachchige, S. A. N Sandeepani, L.A. D Sandeepani, H.M.G.U. Gunathilaka & S. Pathirage*	

2.30-2.45 pm	**ID-47** **THE RELATIONSHIP BETWEEN PERCEIVED STRESS AND ACADEMIC PERFORMANCE AMONG EDUCATION UNDERGRADUATES AT THE UNIVERSITY OF KELANIYA** *H. M. A. J. D. Hevavitharane*	**ID-77** **EVALUATION OF THE *rbc*L MARKER AS A DNA BARCODE FOR THE MOLECULAR IDENTIFICATION OF MANDARIN (*Citrus* sp.) ACCESSIONS IN SRI LANKA** *P. K. K. Perera, W. A. N. R. Wickramaarachchi, W. W. P. Rodrigo, S. R. Weerakoon*	**ID-132** **OPTIMISATION OF CdS SILAR DIPPING CYCLES FOR ENHANCED LPG DETECTION USING TiO_2/CdS NANOSTRUCTURES** *N. F. Ajward, J. V. P. Fernando & V. P. S. Perera*		**ID-218** **ANTIBACTERIAL SCREENING AND IN SILICO TOXICITY ANALYSIS OF METHANOLIC EXTRACTS FROM LEAVES, BARK, AND ROOTS OF *Sesbania grandiflora* AND *Senna auriculata* AGAINST *Escherichia coli* AND *Staphylococcus aureus*** *I. Kawshalya & F. F Fawaz*	
2.45-3.00 pm	**ID-50** **THE IMPACT OF SOCIAL MEDIA USAGE ON THE ACADEMIC PERFORMANCE OF STUDENTS AGED 15–20 YEARS** *R. M. T. D. Jayawardana*	**ID-99** **ANTIBACTERIAL ACTIVITY OF FUNGAL ENDOPHYTES ISOLATED FROM TWO SEAWEED SPECIES COLLECTED FROM COLOMBO, SRI LANKA** *J. V. Asmone, M. D. S. De Silva, R. A. A. S Fernando & A. V. L. K. Udalamaththa*	**ID-150** **DECODING FACETED SEARCH BEHAVIOUR IN UNIVERSITY PROGRAMME DISCOVERY: AN NGINX LOG-BASED ANALYSIS OF A UNIVERSITY WEBSITE'S PROGRAMME SEARCH PORTAL** *J. P. P. Tharanga, & M. Punchimudiyanse*		**ID-229** **INHIBITION OF BIOFILM FORMATION BY *Phyllanthus amarus* METHANOL EXTRACT AGAINST *Pseudomonas aeruginosa* ATCC 27853** *K. T. S. De Silva, K. A. C. P. Govindi, K. P. Munasinghe, W. K. R. De Mel, A.G. E. P. Premalal, U. L. R. M. De Silva & R. A. S. P. Senanayake*	

3.00-3.15 pm	**ID-55** **WORK–LIFE BALANCE EXPERIENCES OF SCHOOL LEADERS: CHALLENGES AND INNOVATIVE STRATEGIES** *W. M. S. Weerakoon, K. S. Imesha, & R. Gajan*	**ID-162** **OPTIMISATION OF SEEDLING ESTABLISHMENT, AND DNA EXTRACTION PROTOCOLS IN SELECTED MUSTARD (*Brassica juncea*) ACCESSIONS IN SRI LANKA** *S. M. A. B Yelanika, S. R. Weerakoon & W. W. P. Rodrigo*	**ID-153** **A FOURTH-ORDER WEIGHTED THREE-SHIFT GRÜNWALD APPROXIMATION FOR THE RIEMANN–LIOUVILLE FRACTIONAL DERIVATIVE AND ITS APPLICATION** *H. P. Dissanayake & W. A. Gunarathne*		**ID-242** ***IN SILICO* EVALUATION OF *Camellia sinensis* BIOACTIVES AS PANCREATIC α-AMYLASE INHIBITORS FOR TYPE 2 DIABETES** *M. Thanushan, R. Dushanan & R. Senthilnithy*	
3.15-3.30 pm	**ID 62** **CHALLENGES ENCOUNTERED BY THE CHILDREN OF MOTHERS EMPLOYED OVERSEAS** *S. Mithusha & M. J. J. Sharmila*	**ID-163** **UNVEILING "PENI KUDALU ORANGE": MORPHOLOGICAL DIVERGENCE OF A UNIQUE SRI LANKAN *Citrus* ACCESSION** *W. A. N. R. Wickramaarachchi, W. W. P. Rodrigo & S. R. Weerakoo*n			**ID-245** **PHYSICOCHEMICAL DESCRIPTORS, STRUCTURAL FINGERPRINTS, AND STACKED ENSEMBLE LEARNING FOR DRUG-INDUCED LIVER INJURY PREDICTION: A SYSTEMATIC FEATURE-SPACE ABLATION** *C. C. Hordagoda, R. Dushanan & R. Senthilnithy*	

3.30-3.45 pm	**ID-114** **SKILL DEVELOPMENT RELATING TO MULTI-LEVEL TEACHING AMONG TEACHERS FOR THE LEARNING-TEACHING PROCESS IN THE PRIMARY STAGE OF EDUCATION: AN EMPIRICAL REVIEW OF LITERATURE** *H. W. W. M. Sajeewa R. Rambukwella & W. M. S. Wanasinghe*	**ID-174** ***IN-VITRO* EVALUATION OF ANTIMICROBIAL ACTIVITY OF SELECTED PLANT EXTRACTS AND DECOCTIONS AGAINST UTI-ASSOCIATED BACTERIAL AND FUNGAL PATHOGENS** *M. R. N. S. Senarathna, K. O. Bandaranayaka, S. K. Rodrigo & B. A. G. Chathuranga*			**ID-281** ***IN SILICO* DESIGN OF A SUBEROYLANILIDE HYDROXAMIC ACID – DEXRAZOXANE HYBRID AS A DUAL HDAC/TOPOISOMERASE II INHIBITOR FOR TRIPLE-NEGATIVE BREAST CANCER** *K.L.M.R. Sahabandu, R. Dushanan, P.K. Adihetti, & R. Senthilnithy*	
3.45-4.00 pm	**ID-164** **DEVELOPING GENAI COMPETENCE THROUGH A BLENDED SHORT COURSE AT THE OPEN UNIVERSITY OF SRI LANKA** *S. Rajasingham & S. P. Karunanayaka*	**ID-204** **INTEGRATING MORPHOLOGICAL AND *rbc*L-BASED MOLECULAR APPROACHES TO CHARACTERIZE THREE MORPHOTYPES OF *Atalantia ceylanica* IN THE COLOMBO DISTRICT, SRI LANKA** *A.M. S. N. Attanayaka, P. K. K. Perera, W. W. P. Rodrigo, R.M. Dharmadasa & G. S. N. Fernando*				

4.00- 4.15 pm	**ID-175** **COMMUNITY-BASED SOCIAL WORK FOR EDUCATIONAL RE-ENGAGEMENT AMONG CHILDREN IN A FISHING COMMUNITY IN SRI LANKA** *K. N. N. Jayathilaka*	**ID256** **EFFECTIVENESS OF DECOMPOSING MICROORGANISMS IN ACCELERATING THE DECOMPOSITION RATE OF USED MUSHROOM GROWTH MEDIA IN COMPOST PRODUCTION AND EVALUATION OF ITS EFFECT ON THE GROWTH AND YIELD OF TOMATO *(Solanum lycopersicum)*** *M.H.A. Nusrath, K.K.K. Nawarathna, A.G.B. Aruggoda, S. Kohombange*				
4.15- 4.30 pm	**ID-195** **AN INTEGRATED CERTIFICATION-TO-EMPLOYMENT MODEL** **FOR VISUALLY-IMPAIRED GRADUATES AND ADVANCED** **LEVEL-QUALIFIED LEARNERS IN SRI LANKA** *R. L. K. Lokuliyana, W. A. N. A. Wijesinghe , R. S. Madushani & M. N.P. Perera*					

4.30-4.45 pm	**ID-270** **EXPLORING THE ROLE OF SCHOOL COUNSELORS IN SRI LANKAN SCHOOLS: PREVALENT CASES AND COUNSELING APPROACHES** *H. Liyadipita & S. Herath*					
4.45-5.00 pm	**ID-171 INTEGRATING AI INTO POSTGRADUATE STUDENTS' ASSIGNMENT WRITING: USAGE PATTERNS, PERCEPTIONS, AND ETHICAL IMPLICATIONS** *V. Lindakumbura*					
	SESSION BREAK (15 min)- TEA					

Day 3: 13th November 2026						
8.15 - 9.00 am	**Keynote 2 – *"Knowledge, Memory and Access: The Foundations of Adaptive Intelligence"*** **Prof. Dr. Eric Steinhauer,** Director, University Library, Fern University in Hagen, Germany **Venue: Faculty Auditorium - Faculty of Health Sciences**					
	PARALLEL SESSIONS 1	**PARALLEL SESSIONS 2**	**PARALLEL SESSIONS 3**	**PARALLEL SESSIONS 4**	**PARALLEL SESSIONS 5**	**PARALLEL SESSIONS 6**
Theme	***Management***	***Biological Sciences***	***Physical sciences***	***Engineering & Technology***	***Health Sciences***	***Law***
Chaired By:	**Prof Aruna Shantha**	**Panel Discussion 4- Faculty of Natural Sciences** ***Theme- Adaptive Intelligence in Sciences Research: Advancing Research from Discovery to Innovation, Resilience, and Societal Impact*** **Resource persons** – Prof. Champa D. Jayaweera Prof. Gayan Priyadarshana Prof. Sajith Edirisinghe Dr. Nishan Dharmaweera		**Prof. T. M. Pallewatta**	**Dr. K. A. Sriyani**	**Prof. Camena Guneratne**
Panel members:	**Dr. A. A. I. Lakmali** **Dr. A. Senevirathne**			**Dr. U. S. Premaratne** **Dr. A.M.N.L Gunathilaka**	**Dr. R.S.R. Rajakulasuriya** **Dr. D. T. Wijerathna**	**Mrs. W. Panditharatne** **Dr. R. Goonaratne**
Venue	**Board Room Faculty of Education**			**Smart Classroom Faculty of Health Sciences**	**Faculty Board Room Faculty of Health Sciences**	**Faculty Board Room Faculty of Humanities and Social Sciences**
Online						

9.00-9.15 am	**ID-141** **BUILDING ADAPTIVE INTELLIGENCE IN SRI LANKAN SMEs: MANAGING EMPLOYEE RESISTANCE TO AI ADOPTION THROUGH LEADERSHIP SUPPORT, TRUST IN AI SYSTEMS, AND ORGANISATIONAL CHANGE READINESS** *M.S.F. Ishfa*	**Moderator –** Dr. Kokila Ranasinghe **Date-** 13th November 2026 **Time** –9.00 - 11.00 am **Venue: Meeting Room 1/Faculty of Health Sciences**	**ID-72** **MULTI-SENSOR IoT SURVEILLANCE SYSTEM FOR EARLY DETECTION OF WILD ELEPHANTS ALONG RAILWAY CORRIDORS** *H. H. Chandima, A. M. S. P. Adikari, M. K. T. Liyanage, M. P. R. L. Pathirana & M. S. S. Perera*	**ID-136** **EVALUATION OF HUMAN BLOOD-SUPPLEMENTED MEDIA FOR ANTIMICROBIAL SUSCEPTIBILITY TESTING AND COMPARISON OF CLSI AND EUCAST INTERPRETATIONS IN SRI LANKA** *H. H. H. Thilakarathna, , H. D. W. S. Kudagammana, V. Liyanapathirana, . B. W. M. S. B. Weerasooriya, K. G . R. A. Kumara & A. R. M. S. P. Rathnayake*	**ID-59** **RE-IMAGINING THE RIGHT TO EDUCATION IN DIGITAL HIGHER EDUCATION: A RIGHTS-BASED ASSESSMENT OF OPEN AND DISTANCE LEARNING IN THE AGE OF ARTIFICIAL INTELLIGENCE** *M. S. D. Fernando*
9.15-9.30 am	**ID-148** **ECONOMIC CRISIS AND BANK PROFITABILITY: EVIDENCE FROM SRI LANKAN COMMERCIAL BANKS DURING THE 2022 ECONOMIC CRISIS** *J. A. M. P. Weerasinghe & Y. Mathivathanan*		**ID-102** **ASSESSMENT OF STATE OF HEALTH AND USABILITY OF RECONDITIONED SECOND-LIFE BATTERY MODULES FOR SOLAR ENERGY STORAGE** *R. M. C. S. L. Jayathilaka, Chamika M. Dissanayaka & W. N. D. Fernando*	**ID-145** **MICROBIAL CONTAMINATION OF AUTOMATED TELLER MACHINES (ATMS): A SYSTEMATIC REVIEW** *H. G. K. Weerasinghe , R. D. D. M. Jayasinghe , D. M. D. T Dissanayaka, H. G. S. Rayodhya , M. C. Madushani, D. D. Y. Rasanjanee, & G. D. T. M. Jayasinghe*	**ID-205** **ARTIFICIAL INTELLIGENCE AND THE FUTURE OF CONTRACT DRAFTING IN SRI LANKA: EXAMINING LEGAL RISKS, OPPORTUNITIES, AND REGULATORY RESPONSES** *H. R. S. Fernando*

9.30-9.45 am	**ID-178** **FINANCIAL TECHNOLOGY ADOPTION AMONG RETAIL BANKING USERS IN THE NORTHERN PROVINCE OF SRI LANKA** *K. Jathusha, R. Umanakenan, A. Sujeekaran*		**ID-104** **MACHINE LEARNING-BASED MULTI-CLASS ANOMALY CLASSIFICATION IN ELECTRICAL DISTRIBUTION SYSTEMS USING OPENDSS-SIMULATED DATA** *K. A. S. D. Jayawardana, Chamika M. Dissanayaka & W. N. D. Fernando*	**ID-180** **CARDIOVASCULAR SAFETY OF UPDATED mRNA COVID-19 VACCINES IN ASIAN POPULATIONS: A SYSTEMATIC REVIEW AND META-ANALYSIS** *T. A. D. K. A. Thalagala, A. H. K. Kiridana & K. O. Bandranayaka*	**ID-209** **REGULATING COSMETIC SAFETY IN DIGITAL MARKET PLACES: A COMPARATIVE ANALYSIS OF SRI LANKA AND THE EUROPEAN UNION** *M. A. S. Nethmini*
9.45-10.00 am	**ID-193** **THE IMPACT OF TIKTOK INFLUENCERS ON PURCHASE INTENTION AMONG GENERATION Z CONSUMERS IN THE SRI LANKAN COSMETICS INDUSTRY** *M. C. T. Perera & M. N. Tharaka*		**ID-128** **MULTIAXIAL FATIGUE BEHAVIOUR AND STRAIN-INDUCED MARTENSITIC TRANSFORMATION IN ADDITIVELY MANUFACTURED AND EXTRUDED AISI 304L AUSTENITIC STAINLESS STEEL** *A. G. M. Azaam, H. Maharaja & S. K.Mishra*	**ID-214** **COMPARATIVE EVALUATION OF THE α-AMYLASE INHIBITORY ACTIVITY OF *Passiflora edulis*, *Gymnema sylvestre*, AND THEIR COMBINED LEAF EXTRACTS** *R. D. D. M. Jayasinghe., H. G. K, Weerasinghe D. M. D. T, Dissanayaka H. G. S Rayodhya, M. C. Madushani, D. D. Y. Rasanjanee & G. D. T. M. Jayasinghe*	**ID-232** **FORGOTTEN VICTIMS: EXAMINING THE LEGAL PROTECTION OF CHILDREN BORN AS A RESULT OF RAPE IN SRI LANKA** *K. M. N. T. Konara & T. Yoganathan*
10.00-10.15 am			**ID-129** **AN AGENTIC AI-POWERED FINANCIAL RISK AND COMPLIANCE PLATFORM FOR SMALL TO MID-SIZE INVESTMENT FIRMS** *A.G. T. S. Sachinthani & S. Perera*		**ID-240** **THE COST OF A PROMPT: REGULATION OF ENERGY WASTAGE IN THE USE OF ARTIFICIAL INTELLIGENCE** *D. M. Fernando*
10.15-10.30 am			**ID-202** **A CARBON-NEUTRAL UNIVERSITY CONVOCATION: A VERIFIED EVENT-LEVEL CARBON ACCOUNTING MODEL**	**ID-257** **ENDOPHYTIC FUNGI ISOLATION FROM *Senna alata* BARK AND LEAVES**	**ID-273** **AI & CONSUMER RIGHTS: ARE SRI LANKAN LAWS SUFFICIENT FOR A NEW "AI" WORLD?** *D. R. S. S. Bandara*

			R. L. K. Lokuliyana, S. K. D. Madurangi, & R. S. Madushani	*N. W. L. Unawatuna Vithanage , P. R. Vithanage , N. H. Appunethhi., N. V. R. Kuda Anthonige , F. S. Mohamed Thamby, G.P. Arul Pragasam & D. N. A. W. Samarakoon*	
10.30- 10.45 am				**ID-267** **EVALUATING THE ANTI-INFLAMMATORY PROPERTY OF LOCALLY GROWN *Portulaca oleracea* L. BY EGG ALBUMIN DENATURATION INHIBITION ASSAY: IN VITRO STUDY** *D. Abraham, M. Dilshayini R. Arushna, H. L. J. Prathiba, T. Rubavathana, C. T. N. Dissanayake & C. C. B. Basnayaka*	**ID-285** **ARTIFICIAL INTELLIGENCE, EDUCATION AND CHILD RIGHTS IN SRI LANKA: A CRITICAL ANALYSIS OF THE LEGAL FRAMEWORK** *N. Kariapper*
10.45- 11.00 am				**ID-177** **PHYTOCHEMICALS FROM MALITHA (*Woodfordia fruticosa)* AS PROMISING SQUALENE SYNTHASE INHIBITORS FOR HYPERCHOLESTEROLEMIA MANAGEMENT: AN *IN SILICO* STUDY** *B. N. R Ariyarathne, D. R. Pandithavidana & J. Dahanayake*	**ID-286** **THE ROLE OF DIGITAL FORENSICS IN CYBERCRIME INVESTIGATIONS: A LEGAL ANALYSIS** *V. Abishethvarman & K. Ilamuruganathan*
11.00- 11.30 am	**SESSION BREAK (30 min) – TEA**				

	PARALLEL SESSIONS 1	PARALLEL SESSIONS 2	PARALLEL SESSIONS 3	PARALLEL SESSIONS 4	PARALLEL SESSIONS 5	PARALLEL SESSIONS 6
Theme	***English Language Teaching***	***Biological Science***	***Humanities and Social Sciences***	***Engineering Technology***	***Health Sciences***	***Environment Sciences***
Chaired By:	**Dr. R. Rassool**	**Prof R. Senthilnithy**	**Prof. A. Piyaratne**	**Prof. W.A. Wimalaweera**	**Panel Discussion 5: Faculty of Health Sciences** **Theme:** "One Health, One Challenge: Confronting Antimicrobial Resistance across food and Water **Resource person** – Prof. Jananie Kottahachchi Dr. Sujatha Pathirage Moderator – Dr. G. N. Dilrukshi **Date-** 13th November 2026 **Time** –11.30 am -1.30 pm	**Prof. G. Dahanayaka**
Panel members:	**Ms. M. I. Jansz** **Ms. A. Maxworth**	**Prof D. T. Abeysinghe** **Dr. W. W. P. Rodrigo**	**Dr. K. Bullumulla** **Dr. Thushari Gamage**	**Dr. M.E.R. Perera** **Ms. Subashini Balakrishnan**		**Prof. U.A. Jayawardena** **Prof. T.S.P Fernando**
Venue	**Faculty Board Room, Faculty of Education**	**Meeting Room 2 Faculty of Health Sciences**	**Faculty Board Room Faculty of Humanities and Social Sciences**	**Smart Classroom Faculty of Health Sciences**		**Meeting Room 1 Faculty of Health Sciences**
Online						
11.30- 11.45 am	**ID-21** **AN EVALUATIVE STUDY ON THE CONTEXTUAL RELEVANCE AND CURRENCY OF THE GRADE 11 ENGLISH PUPIL'S BOOK IN SRI LANKA** *S. R. Wijesooriya*	**ID-14** **PHYTOCHEMICAL-ASSISTED GREEN SYNTHESIS OF SILVER NANOPARTICLES WITH POTENT ANTIBACTERIAL ACTIVITY AGAINST *Escherichia coli*** *S. I. U. Silva, H. K. S. Madusanka, A.G.B.Aruggoda, & S. R. Weerakoon*	**ID-75** **JULIET'S IMPAIRED CONSCIOUSNESS: A PHARMACOLOGICAL AND LITERARY RE-READING OF ROMEO AND JULIET'S FINAL SCENE** *N. Karunarathna*	**ID-192** **ENHANCING THE WATER-WETTING RESISTANCE OF PONTE DE ROMA FABRIC USING SILICA EXTRACTED FROM RICE HUSK** *R. R. A. K. Samarathunga, B. S. R. Wijesekara & C. N. Herath*		**ID-44** **HEALTH RISK ASSESSMENT OF TOXIC ELEMENTS IN COMMERCIALLY AVAILABLE RICE (*Oryza sativa*) IN THE SRI LANKAN MARKET** *W.S.I. Wickramasingha, K.A.D.D. Sakunthala, W.P.R.T. Perera, J.A. Liyanage, & W.A.P.J. Premaratne*

11.45 am-12.00 noon	**ID-64** **EXPLORING THE ROLE OF CHAT GPT IN ENHANCING BUSINESS LETTER WRITING SKILLS AMONG BUSINESS COMMUNICATION STUDENTS** *A. M. Upananda*	**ID-88** **GREEN SYNTHESIS OF SILVER NANOPARTICLES USING *Crossandra infundibuliformis* STEM: EVALUATION OF ANTIOXIDANT AND ANTIBACTERIAL PROPERTIES WITH MOLECULAR DOCKING ON VEGFR2 PROTEIN.** *A. Hariharan, B. Gunaratne, O. Perera & M. Kandiah*	**ID-140** **CO-OPERATIVES, RESILIENCE AND WOMEN'S EMPOWERMENT: A CASE STUDY OF PALMYRA DEVELOPMENT CO-OPERATIVE SOCIETIES IN THE ISLANDS OF JAFFNA DISTRICT** *V. Kesavamoorthy*	**ID-213** **"SHELLED IN TIME": DESIGNING A FUNCTIONAL AND STYLISH PERSONALIZED WRISTWATCH INSPIRED BY THE BLUE SWIMMER CRAB** *M. D. W. D.Wijesurendra, D. R. A. B. M. M. W. T. D. Madahapola & D. S. Wijerathne*		**ID-45** **DEVELOPMENT OF LOW-COST BIOCHAR ADSORBENT FROM *Gliricidia sepium* BARK FOR METHYLENE BLUE DYE REMOVAL** *R. M. M. S. Rathnayake, K. A. D. D. Sakunthala, W. P. R. T. Perera, J. A. Liyanage & W. A. P. J. Premaratne*
12.00 noon -12.15 pm	**ID-66** **THE IMPACT OF STRATEGY INSTRUCTION ON LEARNING GENERAL ACADEMIC WORDS IN TEXTBOOKS** *S. M. A. P. Wijayaratne*	**ID-89** **GREEN SYNTHESIS OF SILVER NANOPARTICLES FROM *Aegle marmelos*: CHARACTERIZATION, ANTIOXIDANT, ANTIMICROBIAL AND MOLECULAR DOCKING STUDIES** *A. Ananthakumaran, B. Gunaratne, O. Perera, & M. Kandiah*	**ID-159** **TERNARY EVIDENCE BALANCE (TEB): A UNIFIED FRAMEWORK FOR IDENTIFYING SILENCES AND CONTRADICTIONS IN COLONIAL DOCUMENTARY SOURCES** *N. T. Senevipala*	**ID227** **WHISPERS OF THE SHELL: AN OYSTER-SHELL-INSPIRED BRIDAL MASK FOR PRE-WEDDING PHOTOGRAPHY** *A.I. De Seram, D. R. A. B. M. M. W. T. D. Madahapola, H. K. H. Safana, D. S. Wijerathne & M. J. F. Rifadha*		**ID-107** **IMPACT OF RAINFALL AND TEMPERATURE VARIATION ON TJC MANGO YIELD IN ANURADHAPURA DISTRICT IN SRI LANKA** *T. D. S. Ariyarathna, W. W. A. M. R. Perera, P. R. S. N. Peramune, V. P. A. Weerasinghe, & I. G. N. Hewajulige*

12.15- 12.30 pm	**ID-258** **A CRITICAL EVALUATION OF THE EAP ELEMENTARY LEVEL TEXTBOOKS AT THE OPEN UNIVERSITY OF SRI LANKA: STUDENT, TEACHER, AND CLASSROOM PERSPECTIVES** *R. A. N. M. Dissanayake and S. A. A. K. Satharasinghe*	**ID-105** **IN SILICO EVALUATION OF PHYTOCHEMICALS TARGETING LYMPHATIC FILARIASIS USING MOLECULAR DOCKING** *A. B. E. Jayaweera & I. Kawshalya*	**ID-161** **BEYOND THE GUARDHOUSE: REASSESSING THE PLACE OF CONFINEMENT OF KING SRI VIKRAMA RAJASINHA IN COLOMBO FORT** *N. T. Senevipala*	**ID-231** **"CULTURAL ELEGANCE": A TABLE RUNNER FOR A SRI LANKAN WOMAN IN SWEDEN, INSPIRED BY THE SRI LANKAN ELEPHANT** *S. M. Lankapura, D. R. A. B. M. M. W. T. D. Madahapola, D. S. Wijerathne, M. J. F. Rifadha & H. K. H. Safana*		**ID-157** **EVALUATION OF WATER HYACINTH (*Pontederia crassipes*) FOR THE PHYTOREMEDIATION OF LINEAR ALKYLBENZENE SULFONATE IN LAUNDRY WASTEWATER** *K. G. T. Erandi, J. I. K. G. Jayalath & P. K. Adhihetty*
12.30- 12.45 pm	**ID-269** **NAVIGATING THE VIRTUAL CLASSROOM: CHALLENGES FACED BY PRIMARY ESL TEACHERS IN TEACHING READING SKILLS ONLINE TO GRADE 3 STUDENTS IN THE PUTTALAM DISTRICT** *S. M. T. D. Sarathchandra & C. G. H. S. D. Chandrasekara*	**ID-113** **MOLECULAR DOCKING ANALYSIS OF *Ginkgo biloba*, *Bacopa monnieri,* AND *Withania somnifera* PHYTOCHEMICALS WITH IP_3R1 AND 1N4K IN HUNTINGTON'S DISEASE** *N. L. Kanapathy & S. D. Kugaperumal*	**ID-188** **ASPIRATIONS AMID UNCERTAINTY: A CASE STUDY OF YOUNG PEOPLE'S OPPORTUNITY PATHWAYS IN URBAN REGENERATION PROJECTS IN GREATER COLOMBO** *S. Abeysinghe & M. I. M Aslam*	**ID-233** **"THE SECRET WALL" MULTIFUNCTIONAL POCKET WALL HANGER FOR A BEAUTICIAN, INSPIRED BY INTIMACY ART BY THOMAS BLACKSHEAR** *M. G. S. T. Marasingha, D. R. A. B. M. M. W. T. D. Madahapola, D. S. Wijerathne & M. J. F. Rifadha*		**ID-176** **EFFECT OF MCPA ADSORPTION ON THE SURFACE CHARGE BEHAVIOR OF PYRITE: A ZETA POTENTIAL STUDY** *K. M. S. S. Dissanayake, M. Makehelwala & R. Weerasooriya*

12.45-1.00 pm		**ID-168** **COMPARATIVE STABILITY OF NATURAL AND SYNTHETIC COLOURANTS IN A PINEAPPLE-JUICE MATRIX UNDER DIFFERENT THERMAL AND PH CONDITIONS** *D. V. Weerasinghe & M. M. P. Gunawardhane*	**ID-217** **THE BLUE MOM CONFLICT: CULTURAL CONTRADICTIONS OF POSTPARTUM EMPLOYMENT IN SRI LANKA** *R. A. H. S. Jayamini*	**ID-241** **NOVUS: NATURE-INSPIRED MULTIFUNCTIONAL HIKING WEAR INTEGRATING WEARABLE TECHNOLOGY FOR TROPICAL ADVENTURES** *R. R. Bandaranayaka, M. J. F. Rifadha & D. S. Wijerathne*		**ID-199** **ELEMENTAL PROFILING IN COCONUT KERNEL PRODUCTS FROM MAJOR COCONUT-GROWING REGIONS IN SRI LANKA** *B. A. T. Amalka, W. A. K. S. Navoda, K. M. Binduhewa, C. K. Dissanayake, L. L. W. C. Yalegama, R. T. A. Kariyapperuma & C. J. Narangoda*
1.00-1.15 pm		**ID-181** **COMPARATIVE BIOINFORMATIC ANALYSIS OF GST AND VGSC GENES ASSOCIATED WITH INSECTICIDE RESISTANCE IN *Aedes* MOSQUITOES RELEVANT TO SRI LANKA** *N. R. Logadasan, A. H. K. Kiridana, & K. O. Bandaranayaka*	**ID-264** **MORALITY ON TRIAL: A FEMINIST NARRATIVE ANALYSIS OF *PAULINE DE CROOS V. THE QUEEN* (1968)** *M. Kodithuwakku*	**ID-246** **EVALUATION OF WASH FASTNESS, LIGHT FASTNESS AND COLOUR RETENTION OF TURMERIC (CURCUMA LONGA)-DYED TEXTILES USING ALUM AND SODA ASH** *S. H. Jayasundara, M. J. F. RifadhaD. S. Wijerathne*		**ID-228** **STABILITY EVALUATION OF AN IRON-OXIDE–GRAPHITE OXIDE FUNCTIONALIZED SAND COMPOSITE PRIOR TO WATER TREATMENT APPLICATIONS** *I.M. Jayalath, P.M.C.J. Bandara & R. Weerasooriya*
1.15-1.30 pm		**ID-182** **COMPARATIVE GENOMIC ANALYSIS OF HYPERVIRULENT AND CLASSICAL *Klebsiella pneumoniae* ASSOCIATED WITH PNEUMONIA: IDENTIFICATION OF VIRULENCE AND RESISTANCE MARKERS FOR CLINICAL STRATIFICATION** *H. D. S. S. Gunarathna, A. H. K. Kiridana & K. O. Bandaranayaka*				**ID-252** **A PRELIMINARY STUDY OF AN ACCELERATED COMPOSTING PROCESS FOR KITCHEN WASTE USING CTC TECHNIQUE COUPLED WITH LOCALLY AVAILABLE ADDITIVES** *W. P. R. Boteju1 & K. Ranasinghe*

1.30-1.45 pm		**ID-237 FORMULATION AND EVALUATION OF THE ANTIOXIDANT PROPERTIES OF A POLYHERBAL PEEL-OFF GEL FACE MASK** *M. F. Safia & K. Ranasinghe*				
1.30-2.00 pm	**SESSION BREAK (30 min)- LUNCH**					
2.00 - 2.45 pm	**Keynote 3 – *"Adaptive Intelligence: Research Pathways for Innovation, Resilience and Impact"*** **Dr. Nasrulla Ahmed** Assistant Professor, Centre for Postgraduate Studies Islamic University of Maldives, Maldives **Venue: Faculty Auditorium - Faculty of Health Sciences**					
	PARALLEL SESSIONS 1	**PARALLEL SESSIONS 2**	**PARALLEL SESSIONS 3**	**PARALLEL SESSIONS 4**	**PARALLEL SESSIONS 5**	**PARELLEL SESSION 6**
Theme	***Physical Science***	***Physical Science***	***Humanities and Social Sciences***	***Engineering & Technology***	***Engineering & Technology***	***Agriculture and Forestry***
Chaired By:	**Prof. V.P.S. Perera**	**Prof. R. Senthilnithy**		**Prof. S. A. M. A. N. S. Senanayake**	**Prof. C.N. Herath**	**Prof. N.S. Weerakkody**
Panel members:	**Dr. S. R. Gnanapragasam Mrs. K.D.V.F. Siriwardana**	**Dr. K. Ranasinghe Dr. P. Addihetti**		**Dr. K.A.C. Udayakumar Eng. I. A. Premaratne**	**Dr. M.E.R. Perera Ms. S. Balakrishnan**	**Prof. A.G.B. Aruggoda Dr. H.M.U.N. Herath**
Venue	**Meeting Room 2 Faculty of Health Sciences**	**Meeting Room 1 Faculty of Health Sciences**		**Smart Classroom Faculty of Health Sciences**	**Faculty Board Room Faculty of Health Sciences**	**Faculty Board Room, Faculty of Education**
Online			**Panel Discussion 6- Humanities and Social Sciences** **Theme: "*Humanities and Social Sciences in the Age of Artificial Intelligence: Challenges and Prospects***			

3.00-3.15 pm	**ID-38** **A COMPARATIVE REVIEW OF SELECTED ALGORITHMS FOR SOLVING TRANSPORTATION PROBLEMS: STRENGTHS AND WEAKNESSES** *R. Rishanthini & W. Daundasekara*	**ID-51** **RAMAN AND INFRARED MICROFLUIDIC CELLS FOR MONITORING THE DYNAMICS OF BIOMOLECULES ADSORBED ON A NANOSTRUCTURED GOLD SURFACE** *R. Siddeeque, Z. Boubegtiten, T. M. Hermans, L. Vollmer, T. Friedrich & P. Hellwig*	**Resource persons** – Prof. Nirmal Dewasiri Dr. Thusitha Abesekara Dr. Athulasiri Samarakoon Ms. M.I. Jansz **Date-** 13th November 2026 **Time** –2.00 - 3.00 pm **Venue: Faculty Board Room Faculty of Humanities and Social Sciences**	**ID-255** **A BLOCKCHAIN-ENABLED SMART GRID FRAMEWORK FOR DECENTRALISED PEER-TO-PEER ENERGY TRADING WITH DEMAND-SIDE MANAGEMENT AND DYNAMIC PRICING** *P. P. M. I. U. Gunasekara, R. H. G. Sasikala, K. V. J. P. Ekanayake & W. A. H. Sandaruwan*	**ID-81** **BLENDING BUST SUPPORT AND SUSTAINABLE EMBELLISHMENT S IN DESIGNING EVENING RESORT WEAR** *A.K. G. O. Piumika, D. S. Wijerathne & M. J. F. Rifadha*	**ID-20** **EVALUATING ORGANIC GROWTH MEDIA FOR SCOTCH BONNET PEPPER (*Capsicum chinense*) CULTIVATION** *K. J. D. Nadeeshani & B. D. Madurapperuma*
3.15-3.30 pm	**ID-39** **A COMPARISON OF POISSON, NEGATIVE BINOMIAL, AND ZERO-INFLATED NEGATIVE BINOMIAL REGRESSION TO MODEL ROAD TRAFFIC ACCIDENTS IN KEGALLE DISTRICT** *G. V. Y. K. Chandrasena & R. Punchi-Manage*	**ID-110** **DFT STUDY ON THE AGGREGATION BEHAVIOR OF CONVENTIONAL AND NATURAL ANTIOXIDANTS IN NATURAL RUBBER** *N. M. Withanage, T. K. Gunawardhana, & B. S. W. Karunarathna*		**ID-260** **WIND SPEED FORECASTING FOR CLIMATE-RESILIENT WIND ENERGY PLANNING IN MANNAR, SRI LANKA: A COMPARATIVE ANALYSIS OF MLR AND LSTM MODELS** *S. M. Dissanayake & R. H. G. Sasikala*	**ID-124** **LA VIE – REBIRTH RE-IMAGINED: TACTILE COMFORT IN LUXURY OFFICE WEAR FOR WOMEN UNDERGOING LIFE TRANSITIONS** *A.M. V. B. Ekanayake, H. K. H. Safana & D. S. Wijerathne*	**ID-27** **FARMER PERCEPTIONS AND COMPARATIVE PERFORMANCE OF TISSUE-CULTURED AND CONVENTIONALLY PROPAGATED BANANA (*Musa* Spp.)** *E. Y. Savithya & S. M. M. P. K. Seneviratne*
3.30-3.45 pm	**ID-76** **MODELLING URBAN EXPANSION IN SRI LANKA USING NIGHTTIME LIGHTS AND SPATIAL PANEL MODELS** *S. Dassanayake, S. R. Kodithuwakku & R. Punchi-Manage*	**ID-200** **GREEN SYNTHESIS OF SILICA NANOPARTICLES FROM RICE HUSK WASTE AND ITS APPLICATION IN CUCUMBER (*Cucumis sativus L.*) PRODUCTION** *N. G. C. D. Rajapaksha, T.T. Gunasekar H. L. D. Weerahewa & A. S. Dikkumbura*		**ID-262** **IMPACT OF SOLAR PV INTEGRATION ON THE HOSTING CAPACITY OF THE KIRIBATHKUMBURA 33 kV DISTRIBUTION NETWORK** *H. G. D. S. Jeewananda & R. H. G. Sasikala*	**ID-254** **DESIGN FOR WELLNESS: DEVELOPMENT OF A PCOS - INCLUSIVE ATHLEISURE WEAR COLLECTION FOR SRI LANKAN WOMEN IN AGE 25-30** *H. T. M. Prabhani, D. S. Wijerathne & H. K. H. Safana*	**ID-63** **DEVELOPMENT OF NORI-LIKE GREEN LEAF SHEETS USING *Coccinia grandis* (IVY GOURD) AND *Spinacia oleracea* (SPINACH) AS A PLANT-BASED ALTERNATIVE TO SEAWEED NORI** *W. A. D. K Rajathunge, K. D. C. Pamalka, & G. S. G. Liyana*

3.45-4.00 pm	**ID-108** **A SPATIAL COUNT REGRESSION ANALYSIS OF ROAD TRAFFIC ACCIDENTS IN KEGALLE DISTRICT, SRI LANKA** *G. V. Y. K. Chandrasena & R. Punchi-Manage*	**ID-210** **ADSORPTION KINETICS AND ISOTHERMS OF THIAMETHOXAM ONTO CURRY LEAVES** *A. J. K. Fernando, K. A. D. D. Sakunthala, W. A. P. J. Premaratne & D. T. Abeysinghe*		**ID-268** **HARDWARE-AWARE OPTIMIZATION ON RESOURCE-CONSTRAINED SMARTPHONES FOR REAL-TIME FOOD-LABEL COMPARISON USING ON-DEVICE OCR AND QUANTIZED INFERENCE** *M. P. R. L. Pathirana, & D. S. Wickramasinghe*	**ID-261** **SUSTAINABLE ETHNIC OCCASION-WEAR COLLECTION WITH CONVERTIBLE DESIGNS FOR ECO-CONSCIOUS WOMEN AGED 25-30 FOR THE BRAND VEE LEE SS26/27, INSPIRED BY PARROT MURAL ART** *T. Vyshalee, D. S. Wijerathne , & D. R. A. B. M. W. T. D. Madahapola*	**ID-117** **ASSESSMENT OF TWO DIFFERENT COMMERCIALLY AVAILABLE NUTRITIONAL SUPPLEMENTS TO MITIGATE GROWTH REDUCTION AND ASSOCIATED STRESS IN DEBEAKED LAYER PULLETS** *M. G. S. R Kariyawasam, & R. M. A. S. Bandara*
4.00- 4.15 pm	**ID-121** **MODELING SPATIAL HETEROGENEITY OF ROAD ACCIDENTS IN COLOMBO USING GEOGRAPHICALLY WEIGHTED POISSON REGRESSION** *V. Dayapoorani, & R. Punchi-Manage*	**ID-280** **EVALUATION OF THE INSECT-REPELLENT POTENTIAL AND PHYTOCHEMICAL COMPOSITION OF Tagetes erecta EXTRACTS** *H. A. D. S. Ravinatha, D. T. Abeysinghe & D. D. D. H. Alwis*		**ID-274** **AN INTELLIGENT DECISION SUPPORT APPROACH FOR MAXIMIZING RESIDENTIAL SOLAR ENERGY UTILIZATION IN SRI LANKA** *T. U. Senanayake, O. S. A. Dissanayake, K. L. H. Pramuditha, K. A. D. D. Nikasala, K. S. A. Jayasinghe, K. V. J. P. Ekanayake, & C. Goonetilleke*	**ID-272** **SKIN CANVAS: A STREETWEAR COLLECTION FOR DARK-SKINNED YOUNG WOMEN IN COLOMBO, SRI LANKA, INSPIRED BY PRETTY FOR A DARK SKIN GIRL** *A.R. D. Prarthana, M. J. F. Rifadha, D. R. A. B. M. M. W. T. D. Madahapola & D. S. Wijerathne*	**ID-146** **WELFARE AND CARCASS QUALITY OF BROILER CHICKENS RECEIVED AT THE PROCESSING PLANT FROM CLOSED-HOUSE AND OPEN-HOUSE BUYBACK FARMS** *U. C. N. Dissanayaka, R. M. A. S. Bandara, & S. Thiranagamage*

4.15-4.30 pm	**ID-126** **INFLATION FORECASTING IN SRI LANKA USING MACROECONOMIC AND HIGH-FREQUENCY EXCHANGE RATE FEATURES: A COMPARATIVE ANALYSIS OF SARIMA, SARIMAX, AND ARDL MODELS** *K. H. G. S. D. Shehani, A. J. Pinidiyaarachchi & R. Punchi-Manage*	**ID-282** **CAROTENOID CHARACTERIZATION OF PUMPKIN** ***(Cucurbita spp.)*** **USING UV–VISIBLE SPECTROPHOTOMETRY AND HPLC COUPLED WITH DIODE-ARRAY DETECTION** *H. A. T. Muthumini, D. T. Abeysinghe & D. D. D. H. Alwis*		**ID-278** **DEVELOPMENT OF A SENSOR-BASED PSYCHROMETER FOR RELATIVE HUMIDITY MEASUREMENT IN TEA FERMENTATION ROOMS** *S. M. Ediriweera, & W. D. S. S. Bandara*		**ID-156** **COMPARATIVE GRAIN YIELD OF *NADU* (BG 374) AND *SAMBA* (BW 367) RICE VARIETIES UNDER DOA-RECOMMENDED INTEGRATED CROP MANAGEMENT AND CONVENTIONAL CULTIVATION** *G. I. G. T. Gamage,* ***W. A. N. R. Wickramaarachchi****, & S. R. Weerakoon*
4.30-4.45 pm				**ID-279** **DENTIFYING THE QUALITY OF TRUE CINNAMON USING A LOW-COST OPTICAL SENSING SYSTEM** *W. S. L. Weerathunga & W. D. S. Bandara*		**ID-201** **FEASIBILITY OF DETECTING CANE-SUGAR ADULTERATION IN CEYLON BLACK TEA USING STABLE CARBON-ISOTOPE ANALYSIS OF AN ISOLATED PROTEIN FRACTION** *K. Binduhewa, N. Damayanthi , T. Amalkaa & C. Dissanayake*
4.45-5.00 pm						**ID-158** **A COMPARATIVE STUDY ON GROWTH AND YIELD PERFORMANCE OF CABBAGE (*Brassica oleracea* var. *capitata*) UNDER HYDROPONIC SYSTEM AND SOIL CULTIVATION** *W. A. N. R. Wickramaarachchi, E. N. S. Perera & S. R. Weerakoon*

5.00- 5.15 pm						**ID-144** **EFFECTS OF ELEVATED TEMPERATURE REGIMES AND ORGANIC MANURE TREATMENTS ON THE GROWTH AND BIOMASS YIELD OF MASBEDDA (*Gymnema sylvestre* R. Br.)** *A. D. Shashiprabha, M. S. Akeela Banu, C. S. De Silva & H. K. L. K. Gunasekara*
5.15-5.30 pm						**ID46** **EFFECT OF ORGANIC MANURE AND HIGH TEMPERATURE STRESS ON GROWTH AND YIELD OF** *Ocimum tenuiflorum* **(HOLY BASIL/TULSI)** *W. A. M. M. Jayawardena, M. S. Akeela Banu, C. S. De Silva, H. K. L. K. Gunasekara*
5.30 -5.45 pm						**ID94** **DEVELOPMENT AND EVALUATION OF A SOAP INCORPORATING BETEL LEAF (PIPER BETLE L.) EXTRACT** *R. W. P. R. Rathnayake, D. M. P. V. Dissanayake, P. K. J. De Mel*
	SESSION BREAK (15 min)- TEA					