

AIRS 2026 - PROGRAM HANDBOOK

BM 01	Parallel Technical Sessions 20th February 2026 : 1.30PM -4.00PM
<p style="text-align: center;">Session: BUSINESS MANAGEMENT - 01 Chair: Dr. Ganga Karunathilake Co-Chair: Ms. Niluka Samarakoon Coordinators: Ms. Senethri Fernando, Ms. Jayani Isurika</p>	
<p style="text-align: center;">LOCATION West Wing : 7th Floor Hall No : W71</p>	

	Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1	1.35-1.50	AIRS26-BM-CL-032:	THE IMPACT OF THE LEADERSHIP STYLES ON TEAM PERFORMANCE IN MANUFACTURING INDUSTRY	Rubasinghe R.C.N.R
2	1.50-2.05	AIRS26-BM-KD-034:	THE IMPACT OF ORGANIZATION CULTURE ON EMPLOYEE ABSENTEESIM OF LABOUR-INTENSIVE ORGANIZATION: A CASE OF A TOBACCO RELATED FOREIGN ORGANIZATION	1Perera K.A.I.N., 2Bandaranaike M.
3	2.05-2.20	AIRS26-BM-NG-001:	CHALLENGES IN RECRUITING AND RETAINING WOMEN IN FIVE-STAR HOTELS, SRI LANKA	1Yasarathne C.P (Online)
4	2.20-2.35	AIRS26-BM-CL-010:	PERCEPTIONS OF WOMEN'S LEADERSHIP: INFLUENCES ON EMPOWERMENT AND CULTURE IN SRI LANKAN ORGANIZATIONS	1Amarasinghe T. S.
5	2.35-2.50	AIRS26-BM-EX-030:	EXPLORATION OF ACCOUNTING STUDENTS' ATTITUDES TOWARDS INTEGRATING FORENSIC ACCOUNTING IN ACCOUNTING EDUCATION IN SRI LANKAN UNIVERSITIES	Mallikarachchi, N.D.K. 1 Priyadarshanie, W.A.N 2 Jayalath, J.A.T.S3
6	2.50-3.05	AIRS26-BM-KD-029:	THE INFLUENCE OF SOCIAL MEDIA MARKETING ON CONSUMER PURCHASE DECISIONS AMONG YOUNG ADULTS IN SRI LANKA	Kuruppu S.C 1*, Kuruppu I.A 2, Jayasooriya V 3
7	3.05-3.20	AIRS26-BM-KD-026:	A STUDY ON BRIDGING THE GAP BETWEEN ACADEMIC KNOWLEDGE AND INDUSTRY EXPECTATIONS	1Dharmarathna A.K., 2Chandrasiri D.L.
8	3.20-3.35	AIRS26-BM-NG-025:	FACTORS INFLUENCING SMALL-SCALE ENTERPRISES' PREFERENCE FOR DIGITAL PAYOUT METHODS: A STUDY IN THE KIRULA GRAMA NILADHARI DIVISION OF COLOMBO, SRI LANKA	1Weerawardane W. P. I.D. P., 2Gunaratne S. N. N. N.
9	3.35-3.50	AIRS26-BM-CL-011:	ROLE OF CULTURE ON WORKPLACE PERSONALIZATION AMONG BANKING AND FINANCIAL SECTOR EMPLOYEES IN SRI LANKA	1Amarasinghe T. S.

BM
02

Parallel Technical Sessions
20th February 2026 : 1.30PM -4.00PM

Session: BUSINESS MANAGEMENT - 02

Chair: Dr. Dilhan Sampath Jayatilleke

Co-Chair: Ms. Nilushi Gunarathna

Coordinators: [Ms. Oshani Jayarathne](#), [Ms. Nipuni Perera](#)

LOCATION

West Wing : 7th Floor
Hall No : W72

Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1 1.35-1.50	AIRS26-BM-CL-004:	THE IMPACT OF HYPER-PERSONALIZATION ON CUSTOMER ENGAGEMENT IN SRI LANKA'S E-COMMERCE MARKET IN THE DIGITAL AGE	1Perera A.S.K.
2 1.50-2.05	AIRS26-BM-KD-027:	THE IMPACT OF GREEN SUPPLY CHAIN MANAGEMENT ON CORPORATE IMAGE OF FMCG RETAILING INDUSTRY IN SRI LANKA – A MEDIATING ROLE OF CUSTOMER SATISFACTION	1 Nawarathne A.M., 2Chandrasiri D. L.,
3 2.05-2.20	AIRS26-BM-CL-024:	IMPACT OF DATA MANAGEMENT ON IMPROVING THE EFFICIENCY OF DATA ANALYTICS AND AI OPERATIONS AT ABC CO.	1Atugoda, H. R. M. E
4 2.20-2.35	AIRS26-BM-CL-028:	HEDONIC SHOPPING MOTIVATION ON IMPULSE BUYING: EVIDENCE FROM SRI LANKA'S PERSONAL AND BEAUTY CARE SECTOR	1Madushika R.A.L.,
5 2.35-2.50	AIRS26-BM-CL-015:	THE ROLE OF SOCIAL MEDIA SENTIMENT IN CUSTOMER SATISFACTION TOWARD SRI LANKAN ATHLEISURE BRANDS	1 Manorathne H.K.M.
6 2.50-3.05	AIRS26-BM-JF-007:	DIGITAL TRANSFORMATIONS IN FOOD DELIVERY APPS AND THEIR IMPACT ON CUSTOMER BEHAVIOUR IN JAFFNA DISTRICT	F. B. M. Peterson ¹ , Ramsiya P. ² , L. Gowthaman ³
7 3.05-3.20	AIRS26-BM-KD-023:	THE EFFECT OF AI ON CUSTOMER SATISFACTION IN MOBILE BANKING: SPECIAL REFERENCE TO KANDY DISTRICT	Bandaranayake, B. M. L. S1., Rathnayake, R.M. S.P.2, Dissanayake, K.M.A.S.3, and Jayamali, M.A.C4.
8 3.20-3.35	AIRS26-BM-CL-014:	IDENTIFYING KEY METRICS TO BOOST BRAND ENGAGEMENT THROUGH SOCIAL MEDIA INFLUENCER MARKETING IN SRI LANKAN CONFECTIONARY (REFERENCE TO ABC COMPANY)	De Silva G. N. S 1, Warnasuriya C. N. 2
9 3.35-3.50	AIRS26-BM-KD-036:	IMPACT OF SERVICE QUALITY ON CUSTOMER SATISFACTION: A STUDY REFERENCE TO FREIGHT FORWARDING ORGANIZATION IN SRI LANKA	1Liyanage A.S, 2Divakara S A

BM
03

Parallel Technical Sessions
20th February 2026 : 1.30PM -4.00PM

Session: BUSINESS MANAGEMENT - 03

Chair: Dr. Sunesh Hettiarachchi

Co-Chair: Dr. Inoka Gunarathne

Coordinators: [Ms. Yasodara Pamarathne](#), [Ms. Indeewarie Kariyapperuma](#)

LOCATION

West Wing : 7th Floor

Hall No : W73

Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1 1.35-1.50	AIRS26-BM-CL-002:	THE IMPACT OF DATA ANALYTICS ON FASHION DESIGN IN SRI LANKA'S FASHION RETAIL INDUSTRY	1 Hettiarachchige. M. N.
2 1.50-2.05	AIRS26-BM-NG-019:	MODELLING MARKET MOMENTUM USING FUZZY LOGIC: A CASE STUDY OF FOREX MARKET WITH MAJOR CURRENCIES	1Perera H R I.
3 2.05-2.20	AIRS26-BM-NG-005:	THE IMPACT OF FINANCIAL LITERACY ON SPENDING BEHAVIOUR AMONG YOUNG WOMEN IN COLOMBO DISTRICT, SRI LANKA	1Yasarathne A.M.P.M., 2Fernando M.S.D.
4 2.20-2.35	AIRS26-BM-CL-006:	A STUDY OF THE REASONS BEHIND PUBLIC ACCEPTANCE OF FINANCIAL TECHNOLOGY SOLUTIONS IN SRI LANKA	1Pallebaddage N.P.S.D.,
5 2.35-2.50	AIRS26-BM-CL-012:	PREDICTIVE MODELING OF WASTE INDICATORS USING MACHINE DOWNTIME DATA IN GLOVE MANUFACTURING AT XYZ COMPANY	1Fernando N.P.A.
6 2.50-3.05	AIRS26-BM-CL-020:	EFFECTIVE SCHEDULE MANAGEMENT IN ROAD MAINTENANCE AND REHABILITATION PROJECTS: A CASE STUDY IN LAOS	1Karunasekara K.K.R, 2Wijesinghe U.
7 3.05-3.20	AIRs26-BM-NG-016:	NEUROMARKETING CUES IN SOCIAL MEDIA ADVERTISING AND THEIR INFLUENCE ON IMPULSE BUYING BEHAVIOR AMONG YOUNG CONSUMERS	1Ranathunge.K. M.
8 3.20-3.35	AIRS26-BM-KD-038:	PROJECT MANAGEMENT FACTORS INFLUENCING HHIMS IMPLEMENTATION: A CASE STUDY OF DOMPE BASE HOSPITAL, SRI LANKA	1Peiris S. A., 2Divakara S.
9 3.35-3.50	AIRS26-BM-JF-018:	EFFECT OF SOCIAL MEDIA MARKETING ON PURCHASE BEHAVIOUR: A STUDY AMONG GEN Z STUDENTS AT XYZ METRO CAMPUS JAFFNA	Kristikroshan J, Thirisha U, Abinas A

CON 01	Parallel Technical Sessions 20th February 2026 : 1.30PM -4.30PM
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Session: CONSTRUCTION - 01

Chair: Dr. Tina Marolt-Cebasek

Co-Chair: Mr. Sivarajah Kalanathan

Coordinators: Ms. Kaushala Fonseka, Ms. Sharmila Goonethilake

LOCATION

West Wing : 6th Floor

Hall No : W610

	Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1	1.35-1.50	AIRS26-CN-02:	AN INVESTIGATION OF FINDINGS AN IMPACT OF ECONOMIC FLUCTUATIONS ON BUILDING CONSTRUCTION CLAIMS IN SRI LANKA	1Rathnayaka R.M.N.N.T, 1Karunanayake K.A.S.G.S
2	1.50-2.05	AIRS26-CN-09:	ENERGY OPTIMIZATION OF VARIOUS COASTAL RESIDENTIAL APARTMENTS IN SRI LANKA	1Chandrasiri K.D.M, 2Wijekoon S.H.B
3	2.05-2.20	AIRS26-CN-10:	ANALYSIS OF LOCALLY AVAILABLE SUSTAINABLE BUILDING MATERIALS IN SRI LANKAN HOUSING CONSTRUCTION PROJECTS	1Pathirana C.M, 2Gunathilaka T.S.
4	2.20-2.35	AIRS26-CN-11:	INVESTIGATING SELF HEALING MECHANISM IN NANO MODIFIED CONCRETE WITH FIBER REINFORCED POLYMERS UNDER DIFFERENT CONDITIONS	1Haarith M.M.M., 2Wijekoon S.H.B.
5	2.35-2.50	AIRS26-CN-12:	SRI LANKA'S JOURNEY TO SMARTER CONSTRUCTION PRACTICES THROUGH DIGITAL TRANSFORMATION IN QUANTITY SURVEYING.	1Mohamed B.F., 2Gunathilaka T
6	2.50-3.05	AIRS26-CN-14:	FACTORS AFFECTING LABOUR PRODUCTIVITY IN HIGH- RISE BUILDING CONSTRUCTION PROJECTS IN SRI LANKA	1Perera K. L. T. D, 1Sarmilan S, 1Adikari Y.A
7	3.05-3.20	AIRS26-CN-18:	THE USE OF ARTIFICIAL INTELLIGENCE IN QUANTITY SURVEYING FOR SUSTAINABLE CONSTRUCTION PROJECTS IN SRI LANKA	1Weerasinghe T.W.M.P.C., 2Gunathilaka T.
8	3.20-3.35	AIRS26-CN-21:	THE SIGNIFICANCE OF ADOPTING BUILDING INFORMATION MODELING (BIM) IN QUANTITY SURVEYING FOR SRI LANKA'S BUILDING CONSTRUCTION INDUSTRY	1Pawani N.T., 1Jayanetti J.K.D.D.T.
9	3.35-3.50	AIRS26-CN-07:	BARRIERS TO ADOPTING COST-EFFECTIVE PRECAST SLAB SYSTEMS OVER TRADITIONAL SLAB SYSTEMS IN SRI LANKAN CONSTRUCTION	¹ Gunathilake H.H.H.G, ² Fonseka G. H. M. K. D. S.
10	3.50-4.05	AIRS26-CN-01:	IMPACT OF CHANGE ORDERS ON COST AND SCHEDULE IN BUILDING PROJECTS WITHIN BAHRAIN'S CONSTRUCTION INDUSTRY	1Khalil M, 2Fonseka G.H.M.K.D.S.
11	4.05-4.20	AIRS26-CN-05:	IMPACT OF EFFECTIVE CONSTRUCTION SCHEDULING ON TIMELY COMPLETION OF COMMERCIAL PROJECTS IN OMAN.	1Abeysingha A.M.N.S, Fonseka, 2G. H. M. K. D. S.

CON 02	Parallel Technical Sessions 20th February 2026 : 1.30PM -4.30PM
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Session: CONSTRUCTION - 02
Chair: Dr. Gobithas Tharmarajah
Co-Chair: Mrs. Thakshila Gunathilake
Coordinators: [Mr. Sathushka Wijekoon](#), [Ms. Maheshi Jayamali](#)

LOCATION West Wing : 6th Floor Hall No : W612
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	Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1	1.35-1.50	AIRS26-CN-16:	ANALYSIS OF SURFACE AND GROUNDWATER QUALITY VARIATION IN “GIN” RIVER CATCHMENT BASIN, SRI LANKA	1Godakandage S.C.N., 2Perera H.I.E.
2	1.50-2.05	AIRS26-CN-17:	ENHANCING WOMEN’S PARTICIPATION IN SRI LANKAN INFRASTRUCTURE PROJECTS: A SYSTEMATIC LITERATURE REVIEW	1Hansani, A.P.P.K, 1Frandreena, A. & 1Yaparathne, I.H.G.Y.M.W.U.
3	2.05-2.20	AIRS26-CN-20:	ADDRESSING SKILLS GAPS AMONG QUANTITY SURVEYORS IN SRI LANKA: A SYSTEMATIC LITERATURE REVIEW	1Perera M.L.N., 1Perera Lakeesha M.N.& 1Withanage M. J.
4	2.20-2.35	AIRS26-CN-23:	AN EVIDENCE-BASED E ³ MODEL FOR EVALUATING ENGINEERING OUTPUTS AND ECOLOGICAL OUTCOMES IN RESTORATION PROJECTS	1Hasantha K.K.E, 1Divakara S.
5	2.35-2.50	AIRS26-EN-27:	REAL TIME CONSTRUCTION SAFETY USING WEARABLE TECHNOLOGY AND IOT	1Nashad Z.N. 1Adikari Y. A
6	2.50-3.05	AIRS26-CN-19:	OVERCOMING SRI LANKAN PROFESSIONALS PRESSURE IN FAST TRACK CONSTRUCTION PROJECTS: A SYSTEMATIC LITERATURE REVIEW	1Kurukulasooriya, N.K.F., 1Sodarangallage Dona, K.D. & 1Yaparathne, I.H.G.Y.M.W.U.
7	3.05-3.20	AIRS26-EN-28:	ADAPTING TO UNCERTAINTY IN CONSTRUCTION PROJECTS: INNOVATIVE STRATEGIES FOR REAL TIME COST AND TIME CONTROL	1Nashad Z.N. 1Adikari Y. A
8	3.20-3.35	AIRS26-CN-03:	ENHANCING CONSTRUCTION PROJECT PERFORMANCE THROUGH EFFECTIVE COLLABORATION BETWEEN QUANTITY SURVEYORS AND PROJECT PROFESSIONALS IN SRI LANKA	1Rupasinghe B. H. P .N. 2Fonseka, G. H. M. K. D. S
9	3.35-3.50	AIRS26-CN-06:	ENHANCE THE PERFORMANCE OF PERVIOUS CONCRETE BY PARTIALLY ADDING FLY ASH AND VARYING AGGREGATE SIZES	1Xavier. G. A, 2Wijekoon. S. H. B
10	3.50-4.05	AIRS26-CN-15:	INVESTIGATION OF AUTOMATION TOOL INTEGRITY FOR QUANTITY SURVEYING IN SRI LANKA’S INTERIOR DESIGN AND CONSTRUCTION INDUSTRY.	1Peduruge B.V., 2Sivarajah K.
11	4.05-4.20	AIRS26-CN-13:	THE IMPACT OF CHINESE ENGAGEMENT ON SRI LANKA’S CONSTRUCTION INDUSTRY: AN INVESTIGATIVE STUDY	1Chandrasekaran. T, 2Karunanayake K.A.S.G.S

ENG 01	Parallel Technical Sessions 20th February 2026 : 1.30PM -4.00PM	
	Session: ENGINEERING - 01 Chair: Prof. Darshana Mudalige Co-Chair: Dr. Julie Eugene Coordinators: Ms. Sareka Saravanapavan , Mr. Bimsara Pasindu	LOCATION West Wing : 6th Floor Hall No : W64

	Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1	1.35-1.50	AIRS26-EN-02-R1:	IMPACT OF AI BASED PROCESS AUTOMATION (RPA) ON PERCIEVED EMPLOYEE JOB SATISFACTION	1Ranasinghe R.A.N.P
2	1.50-2.05	AIRS26-EN-03-R1:	MODERN BLIND SPOT DETECTOR	1Jayakody D.H.P, 1Ranasinghe R.A.N.P, 2Sanjaya G.D.P.
3	2.05-2.20	AIRS26-EN-08-R1:	DEVELOPMENT OF AN AUTOMATED SLIDE STAINER	1Thalansuriya T.W.C., 2Kumarasinghe H.S.K., 3Thalansuriya L.U.M., 2Thilakarathne D.M.D.B., 2Perera U.V. R., 4Yakoob F.
4	2.20-2.35	AIRS26-EN-09-R1:	CONTINUOUS BODY VITAL MONITORING AND EARLY WARNING SYSTEM WITH MACHINE LEARNING BASED RISK DETECTION.	1Hulugalla AMKCA, 1Manasha KR, 1Tennakoon UBTS, 1Mushrifa MMF, 1Mathishan MRM
5	2.35-2.50	AIRS26-EN-14-R1:	MOBYDOCK: A DEEP LEARNING MOBILE APPLICATION FOR SKIN LESION CLASSIFICATION USING EFFICIENTNETB0	1Bandara H.M.D.D., 2Sanjaya G.D.P.
6	2.50-3.05	AIRS26-EN-19-R1:	DESIGN AND DEVELOPMENT OF A SEMI-AUTOMATED ELECTRICAL PRESS SYSTEM FOR BIODEGRADABLE ARECA LEAF MEAL BOX MANUFACTURING	1Divine Dissanayake, 2Sanira Lasantha Chandrathilake
7	3.05-3.20	AIRS26-EN-24-R1:	PUBLIC PERCEPTIONS OF INVASIVE AND NON-INVASIVE BRAIN TECHNOLOGY	1Loku Pathirage S.S., 2Perera S., 3Yakoob F.
8	3.20-3.35	AIRS26-EN-26-R1:	ASD-SPECIFIC WRIST WEARABLE FOR REAL-TIME STRESS DETECTION AND MANAGEMENT (ASENSE)	1Gamage T G D A, 2Rathnasooriya K V, 3Jayathilaka A N B

ENG 02	Parallel Technical Sessions 20th February 2026 : 1.30PM -3.30PM	
	Session: ENGINEERING - 02 Chair: Dr. Kasun Weranga Co-Chair: Dr. Geethal Siriwardana Coordinators: Mr. Pasindu Gamage, Ms. Achini Herath	LOCATION West Wing : 6th Floor Hall No : W65

	Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1	1.35-1.50	AIRS26-EN-01-R1:	A DEEP LEARNING APPROACH FOR POTATO DISEASE PREDICTION	1Ranasinghe R.A.N.P, 2Jayakody D.H.P
2	1.50-2.05	AIRS26-EN-04-R1:	HUMAN DETECTION SYSTEM FOR DISASTER RESPONSE IN FLOODED ARES	1Abeysekera E.B.T., 1Kumarasinghe V.Y., 1Ramanayake S.D., 1Gunasekara S.I.A.A.,2 Sanjaya G.D.P.
3	2.05-2.20	AIRS26-EN-12-R1:	INTELLIGENT HYBRID POSTURE CORRECTION SYSTEM USING WEARABLE SENSORS AND COMPUTER VISION	1Weerasinghe K, 2Sanjaya G.D.P. 1,
4	2.20-2.35	AIRS26-EN-13-R2:	AUTOMATED FRUIT SORTING SYSTEM USING ESP32-CAM AND PLC	1A. Vishva S. Rodrigo, 2Sanjaya G.D.P.
5	2.35-2.50	AIRS26-EN-15-R1:	AI-INTEGRATED AQUATIC ECOSYSTEM FOR FISH FARMING	1Widanage S.A,2Sanjaya G.D.P.
6	2.50-3.05	AIRS26-EN-20-R1:	MACHINE LEARNING-BASED AUTONOMOUS AGRICULTURAL ROBOT FOR PRECISION FARMING IN SRI LANKA	1Kumarasinghe, J., 2Fernando R.S.
7	3.05-3.20	AIRS26-EN-29-R1:	NiMH ACTIVE BATTERY BALANCER FOR TOYOTA PRIUS & ACQUA HYBRID ELECTRIC VEHICLES.	1Vimukthi Peiris A.W.T, 2Sanjaya G.D.P.

HS

Parallel Technical Sessions
20th February 2026 : 1.30PM -5.30PM

Session: HEALTH SCIENCE

Chair: Prof. Jayantha Welihinda

Co-Chair: Dr. Amal Wageesha

Coordinators: [Ms. Inashki Dissanayake](#)

LOCATION

West Wing : 5th Floor

Hall No : E56

	Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1	1.35-1.50	AIRS26-HS 01:	DETECTION OF Enterobacter aerogenes AND Morganella morganii IN RETAIL TUNA OF SRI LANKA.	Jayasekara, J. M. D. A1, Gamage, M. G. M. M. 2
2	1.50-2.05	AIRS26-HS-02:	EVALUATION OF ANTIFUNGAL AND ANTIOXIDANT PROPERTIES OF METHANOLIC EXTRACTS OF SRI LANKAN GINGER (Zingiber officinale Roscoe)	Kaveesha B.Y1, Jayasinghe R.D2, Bandara D.L2
3	2.05-2.20	AIRS26-HS-03:	EVALUATING THE ANTIMICROBIAL RESISTANCE IN COLIFORMS ISOLATED FROM SELECTED LEAFY GREEN AND SALAD VEGETABLES IN SRI LANKA	Rajapaksha R. V. K. P 1,2*, Bandara T. P. M. S. D 1, Jinadasa R. N1
4	2.20-2.35	AIRS26-HS-05:	SOLVENT-SPECIFIC EXTRACTION AND ANTIMICROBIAL SCREENING OF NUTMEG KERNEL AND PERICARP: A COMPARATIVE STUDY	Faizal F.S.1, Pradeepika L.A.A.2, Jayasinghe L.3, Jayatilake J.A.M.S.2, Jayasinghe R.D.2
5	2.35-2.50	AIRS26-HS-06:	DETECTION OF ASPERGILLUS SPP. IN COMMONLY CONSUMED SPICES USING CULTURE AND MOLECULAR METHODS	Lansakara L.M.O.N 1., De Silva B.D 2
6	2.50-3.05	AIRS26-HS-08:	MOLECULAR DETECTION OF PSEUDOMONAS SPECIES IN PUBLIC TAP WATER OF KANDY DISTRICT, SRI LANKA	Thuduwage. Y. P1, Bandara. R.M.P. A1, Jagoda.S.S.S.de S1
7	3.05-3.20	AIRS26-HS-10:	COMPARATIVE STUDY ON ANTIMICROBIAL ACTIVITY OF SHALLOT PEEL AND FLESH EXTRACTS AGAINST Staphylococcus aureus AND Candida albicans	Hidhayathullah H.1, Bandaranayake B.M.C.A.2, Jayasinghe L.3, Jayatilake J.A.M.S.2, Jayasinghe R.D.2
8	3.20-3.35	AIRS26-HS-11:	DETECTION OF ESBL – PRODUCING ESCHERICHIA COLI IN FRESH RETAIL CHICKEN MEAT SOLD IN KANDY TOWN AREA AND PROFILING OF THEIR ANTIMICROBIAL RESISTANCE: A PRELIMINARY STUDY	Faumi F.R 1, Karunarathna H.M.T.K 2, Kottawatta K.S.A 3
9	3.35-3.50	AIRS26-HS-15:	PRELIMINARY STUDY ON IDENTIFICATION AND COMPARISON OF POTENTIAL ALLERGENIC PROTEIN PROFILES IN FOUR BANANA VARIETIES (MUSA SPP.) AVAILABLE IN SRI LANKA.	Kumaresan. N1, Premachandre. C2 Jayasooriya.A 2,
10	3.50-4.05	AIRS26-HS-17:	IDENTIFICATION OF PSEUDOMONAS SPECIES FROM WATER BODIES IN KANDY DISTRICT OF SRI LANKA	Kumaranyaka S. S1, Wijesekera D.P.H2

IT01	Parallel Technical Sessions 20th February 2026 : 1.30PM -5.00PM	
	Session: INFORMATION TECHNOLOGY - 01 Chair: Prof. Sameera De Alwis Co-Chair: Mr. Prabu Premakumar Coordinators: Mr. Shavindu Avishka Thalallagamage , Ms.Dilshani Wijenayake	LOCATION West Wing : 6th Floor Hall No : W63

	Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1	1.35-1.50	AIRS26-IT-COL-02	ANALYZING THE EFFECTIVENESS OF COST MANAGEMENT IN TRANSPORT INFRASTRUCTURE PROJECTS: A CASE STUDY FROM CHINA	1 Samarawickrama M.D.R.T., 2 Karunaratne M.V.P.
2	1.50-2.05	ARIS26-IT-KU-01	ANALYZING THE IMPACT OF AI ADOPTION & AUTOMATION ON GLOBAL JOB MARKET INSIGHTS	1Madhushika D.G.H., 2Mapa M.M.C.H.
3	2.05-2.20	AIRS26-IT-KU-05	AI-POWERED - BILINGUAL SMART AGRICULTURE SYSTEM WITH DUAL-MODE IOT SENSING AND DISEASE DETECTION FOR SRI LANKAN FARMERS	1Thennakoon T.M.D.D., 2Rathnayake R.M.P.N.
4	2.20-2.35	AIRS26-IT-KU-08	AquaTouch: SMART AQUARIUM SYSTEM WITH IOT AND MOBILE APP INTEGRATION	1Somaweera N.W.A.B., 1Sujisshara R.P.D.S., 1Jayasinghe N.M., 1Nawodya P.W.H. 2Kulathunga W.G.C.W.K.
5	2.35-2.50	AIRS26-IT-KU-15	TASKBRIDGE: A DIGITAL SOLUTION FOR LOCAL SKILL EMPOWERMENT	1Dissanayake K.G.H.N., 1Thennakoon T.M.A.P., 1Thennakoon T.M.I.N., 1Eriyagolla D.M.E.R.T.K., 1Amarasinghe N.S.D., 2Kulathunga W.G.C.W.K
6	2.50-3.05	AIRS26-IT-JF-01	A HYBRID LINGUISTIC AND MACHINE LEARNING APPROACH TO DETECT VISUALLY MISLEADING EMAIL ADDRESSES	1Senthalini S., 1Praveena P., 1Viththyatharan N., 2Thishan I.
7	3.05-3.20	AIRS26-IT-JF-04	AN EMPIRICAL AND THEORETICAL STUDY OF FIRST-MOVE ADVANTAGE IN CHESS	1Dhiluxan N.N., 2Thishan I.
8	3.20-3.35	AIRS26-IT-JF-07	BURNTRACK AI MACHINE LEARNING BASED CALORIE PREDICTION AND FITNESS MANAGEMENT PLATFORM	1Chrisanth K., 2Savitha S.
9	3.35-3.50	AIRS26-IT-JF-15	WEB BASED APPLICATION FOR EMERGENCY LIFESAVING, INTEGRATED WITH CNN MODEL AND REAL TIME RESPONSES	1Althaf Ahmed R., 2Sajuran K.
10	3.50-4.05	AIRS26-IT-JF-17	SafeBITE: A DIGITAL SAFETY GUIDANCE SYSTEM FOR PREGNANT WOMEN: A DOCTOR-VALIDATED APPROACH	1Dhiluxan N.N., 2Thishan I., 2Savitha S.
11	4.05-4.20	AIRS26-IT-KD-02	APPAREL INDUSTRY LINE BALANCING DUE TO EMPLOYEE ABSENTEEISM	1Nawarathne D.M.M.B., 2Herath K.M.G.K.
12	4.20-4.35	AIRS26-IT-JF-03	WEB APPLICATION WITH REAL TIME DETECTION FOR UNIVERSITY STUDENTS AND IT EMPLOYEES USING CNN	1Marin Roshani E., 2Sajuran K. (Online)

IT02	Parallel Technical Sessions 20th February 2026 : 1.30PM -5.00PM	
	Session: INFORMATION TECHNOLOGY - 02 Chair: Dr. Shamira Dias Co-Chair: Ms. Chamila Aththanayake Coordinators: Ms. Chathuri Kulathunga , Ms. Thisaru Rathnayake	LOCATION West Wing : 6th Floor Hall No : W66

	Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1	1.35-1.50	AIRS26-IT-GL-01	SMART GREENHOUSE SYSTEM EMBEDDED WITH IoT AND AI-BASED DECISION SUPPORT FOR SUSTAINABLE AGRICULTURE	1Madhava Dineth K.G., 2Indika A.G.A., 2Teshan W.A.P., 2Chamindu Kanchana T.P., 2Nawaf M.J.M., 2Nemasha V.A.S., 2Hewavitharana M.H.
2	1.50-2.05	AIRS26-IT-KU-03	TRANSFORMING JOB ACCESS FOR MANPOWER WITH AI: A CASE STUDY OF KURUNEGALA, SRI LANKA	1Chandrasekara W.A.L.R., 2Kulathunga W.G.C.W.K.
3	2.05-2.20	AIRS26-IT-KU-07	LexCeylone – AI LEGAL ASSISTANT PLATFORM	1Weerathunga R.P.V.M., 1Warawaththa M.P.W.G.D.M., 1Sanjuka Jayathiaka M.R.C., 1Nissanka N.A.T.T., Shalitha Siriwardhana H.P., 2Kulathunga W.G.C.W.K
4	2.20-2.35	AIRS26-IT-KU-11	SMARTGREEN: AN IOT-INTEGRATED GREENHOUSE SYSTEM FOR SUSTAINABLE PRODUCTION ENHANCEMENT IN BELL PEPPER PLANTATION	1Kusal Kumuditha Bandara Rathnayaka R. M., 1Lahiru Thilan Bandara Gammune,
5	2.35-2.50	AIRS26-IT-JF-02	GHOSTIN OS: A COMPREHENSIVE HIGH-SECURITY LINUX DISTRIBUTION POWERED BY GHOSTIN MAX	1Sivanujan S., 1Piraveena K., 1Thushyanthan A., 2Sajuran K.
6	2.50-3.05	AIRS26-IT-JF-06	PERSONALIZED HISTORIC SITE POPULARITY FORECASTING SYSTEM USING GOOGLE TRENDS	1Hariram S.,2Savitha S.
7	3.05-3.20	AIRS26-IT-JF-11	PREDICTING MENTAL HEALTH EFFECTS OF SMARTPHONE-INDUCED SLEEP DEPRIVATION IN CHILDREN AND ADOLESCENTS	1Dilakshiga J., 1Kamsana T., 2Sharmini P.
8	3.20-3.35	AIRS26-IT-JF-13	IMPLEMENTATION OF A WEB-BASED PLATFORM FOR TRACKING AND RECOVERING LOST BELONGINGS	1Rishikeshan S., 2 Sajuran K.
9	3.35-3.50	AIRS26-IT-KD-01	GOLDEN I: AN IOT-ENABLED SMART WALKING STICK FOR VISUALLY IMPAIRED INDIVIDUALS	1Bandara K.M.G.K, 1Wijayawardana K.G
10	3.50-4.05	AIRS26-IT-JF-16	AI-POWERED SMART HIRING WEB-BASED PLATFORM INTEGRATED WITH VIRTUAL INTERVIEW AND CV FILTERING	1Thusharn K., 2Sajuran K.
11	4.05-4.20	AIRS26-IT-KD-04	AN ANALYSIS OF FACEBOOK AS A SOCIAL NETWORKING PLATFORM FOR SUPPORTING HIGHER EDUCATION: A STUDY OF UNDERGRADUATE STUDENTS AT ICBT CAMPUS	1 Thilakarathna D.R.P.M., De Silva E.I.C.2
12	4.20-4.35	AIRS26-IT-JF-14	A SOCIAL MEDIA WEB-BASED APPLICATION WITH REAL-TIME IMAGE STYLE TRANSFER USING MULTIPLE CONVOLUTIONAL NEURAL NETWORKS	1Apinaya A., 2Sajuran K. (Online)

IT03

Parallel Technical Sessions
20th February 2026 : 1.30PM -4.30PM

Session: INFORMATION TECHNOLOGY - 03

Chair: Dr. Gayan Galhena

Co-Chair: Mr. Deloosha Abesooriya

Coordinators: [Ms. Sandali Thisera](#), [Ms. Sachini Hansika](#)

LOCATION

West Wing : 6th Floor

Hall No : W67

	Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1	1.35-1.50	AIRS26-IT-COL-01	DESIGN AND IMPLEMENTATION OF AN ESP32-BASED WI-FI-BLUETOOTH JAMMER FOR EXAMINATION AND PUBLIC SAFETY	1Perera P.P.V., 2Wijayawardhane K.K.H.K.
2	1.50-2.05	AIRS26-IT-KU-02	THE IMPACT OF PASSIVE SCREEN TIME ON DIGITAL LEARNING: A DATA ANALYTICS STUDY AMONG SECONDARY STUDENTS	1Riznul Ilma Imran, 2Mapa M.M.C.H.
3	2.05-2.20	AIRS26-IT-KU-06	TEA TRADE AI: SMART TEA BUYING AND SELLING PLATFORM	1Withanage W.D.U.M.,2Gunawardena T.
4	2.20-2.35	AIRS26-IT-KU-09	SAFELINK: A MOBILE-BASED EMERGENCY ALERT SYSTEM WITH CHATBOT SUPPORT FOR REAL-TIME HUMAN SURVEILLANCE IN SRI LANKA	1Chandrasekara W.A.T.D., 2Kulathunga W.G.C.W.K.
5	2.35-2.50	AIRS26-IT-KU-10	DOMESTIC ANIMAL HUB: A TRUST-ENABLED DIGITAL MARKETPLACE FOR FARMERS AND PET OWNERS IN SRI LANKA	1Withanage O. E. D. W., 2Kulathunga W. G. C. W. K.
6	2.50-3.05	AIRS26-IT-KU-14	"MINDCASTLE", FIREBASE-INTEGRATED MOBILE AND WEB-BASED SOLUTION FOR ENHANCING TEENAGERS' MENTAL HEALTH	1Wijesinghe W.A.D.S.,1Wijesinghe W.A.W.T.,1Wijewardhana J.A.R.U., 2Kulathunga W.G.C.W.K.
7	3.05-3.20	AIRS26-IT-KD-05	MOBILE PHONE DEPENDENCE AND HEALTH-RELATED ISSUES AMONG UNDERGRADUATE STUDENTS IN KANDY DISTRICT HIGHER EDUCATIONAL INSTITUTIONS	1Sewwandi T.W.R.K., De Silva EIC2
8	3.20-3.35	AIRS26-IT-JF-05	CAREERCOMPASS: AN MACHINE LEARNING RECOMMENDER SYSTEM FOR PERSONALIZED STUDENT VOCATIONAL GUIDANCE	1Nepoliyan Nisshan,1Kamsana T.2Sharmini P.
9	3.35-3.50	AIRS26-IT-JF-12	LEARNSMART VIRTUAL ASSISTANT: AN INTERACTIVE VIRTUAL LEARNING AND REAL-TIME MONITORING APPLICATION FOR AGED 2-10	1Nisanth S., 2Sajuran K.
10	3.50-4.05	AIRS26-IT-KD-03	A QUALITATIVE STUDY ON HOW INFORMATION TECHNOLOGY CAN BE ADOPTED TO IMPROVE CATTLE MANAGEMENT IN SRI LANKA FOR SMALL AND MEDIUM-SCALE DAIRY FARMERS	1Weerasinghe T.W.M.S.A., 2Herath K.M.G.K.
11	4.05-4.20	AIRS26-IT-KU-16	SCHEDMATE – A DIGITAL PLATFORM FOR SEAMLESS ACADEMIC COMMUNICATION AND TIMETABLE MANAGEMENT	1Herath P.M.D.H.D., 1Fernando P.D., 1Samarasinghe K.G., 1Nurul M.I.L., 2Kulathunga W.G.C.W.K (Online)

LNG	Parallel Technical Sessions	
	20th February 2026 : 1.30PM -3.30PM	
	<p>Session: LANGUAGES</p> <p>Chair: Dr. Nimmi Nalika Manike</p> <p>Co-Chair: Ms. Hasanthi Abeysinghe</p> <p>Coordinators: Ms. Wasanthi Sooriyahetti</p>	<p>LOCATION</p> <p>West Wing : 5th Floor</p> <p>Hall No : W52</p>

	Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1	1.35-1.50	AIRS26-LG-CL-01:	EFFECTIVENESS OF THE COMMUNICATIVE APPROACH IN ENHANCING ENGLISH COMMUNICATION SKILLS AMONG GRADE 10 STUDENTS	1De Meraal E, 1Sooriyahetti W
2	1.50-2.05	AIRS26-LG-CL-02:	THE EFFICACY OF PHONICS INSTRUCTION FOR STUDENTS WITH INTELLECTUAL DISABILITIES AT THE NURSERY LEVEL IN ABC SCHOOL	1Bopitiya KVUN, 1Sooriyahetti W
3	2.05-2.20	AIRS26-LG-CL-03:	AN INVESTIGATION OF THE ROLE OF ENGLISH LANGUAGE IN DEVELOPING INTERCULTURAL COMMUNICATION AT ABC COMPANY.	1Mayadunne M.L.D. H. M, 1Sooriyahetti W
4	2.20-2.35	AIRS26-LG-CL-08:	IMPACT OF LEARNERS' MOTHER TONGUE ON THE DEVELOPMENT OF SECOND LANGUAGE PROFICIENCY: A STUDY BASED ON THE STUDENTS OF LEVEL 2 DIPLOMA IN ENGLISH	Sooriyahetti W.H.
5	2.35-2.50	AIRS26-LG-EX-05:	WEATHER-RELATED ALERTS ON FACEBOOK: AN ANALYSIS BASED ON FAIRCLOUGH'S THREE-DIMENSIONAL MODEL	1Prabhamini WKV, 1Uyangoda BGYR, 1elvidana SP, 1Wickramasinghe SSS, 1Wimalarathne RSHN
6	2.50-3.05	AIRS26-LG-EX-06:	SUSTAINABLE ENGLISH LANGUAGE DEVELOPMENT THROUGH AI AS A DISASTER RECOVERY EDUCATIONAL STRATEGY IN POLITICALLY CORRUPT COUNTRIES	1Prof. Sameera De Alwis
7	3.05-3.20	AIRS26-LG-EX-09:	BOOK VERSUS MOVIE: THE DIFFERENCES BETWEEN HARDY'S NOVEL TESS OF THE D'URBERVILLES AND POLANSKI'S FILM ADAPTATION TESS, IN THE LIGHT OF PRESENT-DAY SEXUAL ABUSE FACED BY MINORS IN SRI LANKA	1Imran Hasan FST, 1Dr. Chisholm Jen

SS

Parallel Technical Sessions
20th February 2026 : 1.30PM -4.30PM

Session: SOCIAL SCIENCE

Chair: Mr. Dilantha Deva Adithiya

Co-Chair: Rev. Bro. Chinthana Nonis

Coordinators: [Ms. Yumna Gunawardena](#), [Ms. Denista Perera](#)

LOCATION

West Wing : 5th Floor

Hall No : W51

	Time (SL - pm)	Extended Abstract ID	Paper Title	Author(s)
1	1.35-1.50	AIRS26-SS-01:	EXPLORING THE IMPACT OF PARENTING STYLES ON UNIVERSITY STUDENTS' EDUCATIONAL EXPERIENCES IN THE COLOMBO DISTRICT, SRI LANKA	Samadhi G.1, Guruge M.G.2
2	1.50-2.05	AIRS26-SS-02:	FOSTERING A PSYCHOLOGICAL SHIFT IN STUDENTS' SELECTION OF HIGHER EDUCATION IN SRI LANKA: THE INFLUENCE OF PSYCHOLOGICAL FACTORS AND INDIVIDUAL AGENCY	Sharifudeen FAFR1
3	2.05-2.20	AIRS26-SS-05:	THE RELATIONSHIP BETWEEN PROBLEMATIC SOCIAL MEDIA USE AND ACADEMIC PROCRASTINATION AMONG UNDER GRADUATES IN THE COLOMBO DISTRICT	Yapa Abeywardana H. 2Perera D
4	2.20-2.35	AIRS26-SS-10:	THE IMPACT OF LONG-TERM EXPOSURE TO CHALLENGING BEHAVIORS ON EMOTIONAL WELLBEING OF SPECIAL NEEDS EDUCATORS	Karunaratne D.K.1,2
5	2.35-2.50	AIRS26-SS-12:	THE ASSOCIATIONS BETWEEN COPING STRATEGIES, GENERAL SELF-EFFICACY, AND SELF-PERCEIVED EMPLOYABILITY AMONG WESTERN PROVINCE UNDERGRADUATES	Doole F. R.1, Guruge M.G.2
6	2.50-3.05	AIRS26-SS-13:	MEDIA MULTITASKING AND ACADEMIC TASK-SWITCHING IN VIRTUAL LECTURES: EFFECTS ON EMOTIONAL ENGAGEMENT	Wijesinghe W.A.M., 2Eugene E.J
7	3.05-3.20	AIRS26-SS-14:	THE IMPACT OF PERCEIVED ACADEMIC STRESS ON THE PERCEIVED ACADEMIC PERFORMANCE OF UNDERGRADUATE STUDENTS	Rathnaweera E. H1; Chandrasiri D L2
8	3.20-3.35	AIRS26-SS-15:	WHY DO VOLUNTEERS LEAVE? KEY PREDICTORS OF TURNOVER INTENTION AMONG SRI LANKAN VOLUNTEERS	Sathasivam, T., Dr. Eugene, E. J.
9	3.35-3.50	AIRS26-SS-17:	EXPLORING THE RELATIONSHIP BETWEEN ISO 9001:2015 QUALITY MANAGEMENT SYSTEM AND EMPLOYEE SATISFACTION IN SRI LANKA	N. G. S. G. Abhayawardhana ¹
10	3.50-4.05	AIRS26-SS-18:	THE IMPACT OF SHORT-FORM VIDEO ADDICTION ON PERCEIVED ATTENTION AND MOOD AMONG SRI LANKAN ADULTS	Sripathan H 1
11	4.05-4.20	AIRS26-SS-20:	PSYCHOLOGICAL ADJUSTMENT IN INTERNATIONAL STUDENTS IN THE UK: A PREDICTIVE STUDY	Perera D