

DETAILED SESSION PLAN

FRIDAY, 09 AUGUST 2024

SESSION 1A

Theme	Cultural Implications of Built Environment Sustainability
Session Chair	A/ Prof. Nirodha Fernando
Time	05.00 PM - 07.00 PM
Virtual	Breakout Room - Session A

Time	Paper ID, Title and Author(s)
05.00 PM - 05.15 PM	S16024: ‘Plan Of Action’ for organisational change: A case study of Indian public sector construction organisation <i>S.R. Shahu, A. Iyer and A.G. Tawalare,</i>
05.15 PM - 05.30 PM	S16031: Impact of corruption on achieving sustainable development goals within Africa’s construction industry <i>Abiola Aderibigbe, Nnedinma Umeokafor, Tariq Umar and Yog Upadhyay</i>
05.30 PM - 05.45 PM	S16138: 5S principles for sustainable resource and waste management in Sri Lankan construction projects <i>E.D.A.T. Wijesinghe, T.S. Jayawickrama, Gihan Anuradha Tennakoon and M.K.C.S. Wijewickrama</i>
05.45 PM - 06.00 PM	S16103: Mitigation measures for conflicting situations on Indian construction sites <i>Uttam Singh Chauhan, Sudarshan Saikia and Sparsh Johari</i>
06.00 PM - 07.00 PM	Q&A

Session Coordinator: Mr. Dilan Weerasooriya

FRIDAY, 09 AUGUST 2024

SESSION 1B

Theme	Green Solutions for Construction
Session Chair	Prof. Lalith De Silva
Venue/Time	Crystal Ballroom - 05.00 PM - 07.00 PM
Virtual	Breakout Room - Session B

Time	Paper ID, Title and Author(s)
05.00 PM - 05.15 PM	T16009: Design and development of a green roof substrate for the tropics <i>G.K.P. John, A.M.M.G. Munasinghe, K.G.N.H. Weerasinghe and R.U. Halwatura</i>
05.15 PM - 05.30 PM	T16015: Lifecycle carbon emissions: Adaptive reuse vs new buildings in Sri Lanka <i>K.H.K. Dharmadasa, U. Kulatunga, M. Thayaparan and K.P. Keraminiyage</i>
05.30 PM - 05.45 PM	S16080: Adaptation of green building concept to existing government office buildings in Sri Lanka <i>T.H.S. Jayoda, K.A.D.M. Natasha and U. Rathnayake</i>
05.45 PM - 06.00 PM	S16011: Internet Of Things (IOT) enabled carbon emission monitoring in residential buildings: A bibliometric analysis <i>J.A.D.K.S. Jayakodi, B.H. Mallawaarachchi and Y.J.M. Yatawatta</i>
06.00 PM - 06.15 PM	S16020: Analysing people's behaviour towards indoor air quality management: A case study in Kandy, Kurunagala and Hambanthota <i>K.A.S.H. Wijayasenaratne, R.M.D.I. Rathnayake, A.G.H.M. Rajakaruna, W.K.T. Dulanjana, R.A.K.S. Ranasinghe and R.T.K. Ariyawansa</i>
06.15 PM - 07.00 PM	Q&A

Session Coordinator: Ms. Indrani Wimalaratne

FRIDAY, 09 AUGUST 2024

SESSION 1C

Theme	Sustainable and Resilient Built Facilities
Session Chair	Dr. Mohan Siriwardena
Venue/Time	Grand Crystal Ballroom - 05.00 PM - 07.00 PM
Virtual	Breakout Room - Session C

Time	Paper ID, Title and Author(s)
05.00 PM - 05.15 PM	S16084: Investigating community-based participatory design approaches in planning and constructing public community facilities: A scoping review <i>S. Malintha H. Fernando, Y. Inodee Fernando and U. Kulatunga</i>
05.15 PM - 05.30 PM	S16092: Revisiting the notion of 'public spaces': Professional and community perspectives <i>W.S.D. Perera, U. Kulatunga, M.C.K. De Silva, N. Dias</i>
05.30 PM - 05.45 PM	S16091: Assessment of community disaster resilience in Sri Lanka: Methodological approach in developing an index <i>K.H.K. Dharmadasa, U. Kulatunga, M. Thayaparan and K.P. Keraminiyage</i>
05.45 PM - 06.00 PM	S16083: Building community resilience to economic impacts of climate change on livelihoods: The methodological perspective <i>Malsha Buddha Koralage, Udayangani Kulatunga and Bingunath Ingirige</i>
06.00 PM - 06.15 PM	S16109: Harnessing nature's blueprint: Biomimicry in urban building design for sustainable and resilient cities <i>Ashen Rahubadda and Udayangani Kulatunga</i>
06.15 PM - 07.00 PM	Q&A

Session Coordinator: Ms. Lakshitha Fernando

FRIDAY, 09 AUGUST 2024

SESSION 1D

Theme	Facilities Management Strategies for Enhancing Sustainability in the Built Environment
Session Chair	Prof. Nayanthara De Silva
Venue/Time	Regency Room - 05.00 PM - 07.00 PM
Virtual	Breakout Room - Session D

Time	Paper ID, Title and Author(s)
05.00 PM - 05.15 PM	S16132: Influence of behavioural constructs on building practitioner's minimal compliance with residential building energy performance standards in Australia <i>Yi Lu, Gayani Karunasena and Chunlu Liu</i>
05.15 PM - 05.30 PM	S16021: A comparative analysis of operational energy by simulation study between modern buildings and adaptive reuse of historic buildings in Sri Lanka <i>N. Thirukumaran, M.K.M. Prabodani, S.S. Ranasinghe, G.Y. Jayasinghe and R.U. Halwathura</i>
05.30 PM - 05.45 PM	S16052: The need for a climate database for facilities managers to mitigate the climate change implications on buildings <i>M.N.U. Maddakandage and P. Sridarran</i>
05.45 PM - 06.00 PM	S16056: Misconceptions in heating, ventilation and air conditioning - airside strategy implementation of commercial buildings in Sri Lanka <i>P.A.P.Y. Gajaba and Piumi Dissanayake</i>
06.00 PM - 06.15 PM	S16120: Fire under control: Enhancing warehouse safety through strategic fire prevention and risk management <i>S. Nadarajah, U. Kulatunga, D. Weerasooriya and A.P. Rathnasinghe</i>
06.15 PM - 07.00 PM	Q&A

Session Coordinator: Ms. Diyana Ranasinghe

SATURDAY, 10 AUGUST 2024

SESSION 2A

Theme	Innovative Approaches and Technologies for Improving Construction Project Performance
Session Chair	A/Prof. Gajendran Thayaparan
Time	08.30 AM - 10.30 AM
Virtual	Breakout Room - Session A

Time	Paper ID, Title and Author(s)
08.30 AM - 08.45 AM	S16005: BIM and blockchain integrated construction management: A review <i>Rhijul Sood, Nandini Sharma and Boeing Laishram</i>
08.45 AM - 09.00 AM	S16006: Evaluation of the benefits of the implementation of digital twins in sustainable construction projects <i>AbdulLateef Olanrewaju, Shalini Sanmargaraja, Seong Yeow Tan and Hui Chen Chu</i>
09.00 AM - 09.15 AM	S16087: Exploring opportunities and challenges in integrating industry 4.0 for advancements in the Sri Lankan construction sector <i>Hasara Sendanayake, Amalka Nawarathna and Nirodha Fernando</i>
09.15 AM - 09.30 AM	S16036: A conceptual framework to manage circular economy knowledge in construction projects <i>Malsha Buddha Korlage, Nilupa Udawatta and Gayani Karunasena</i>
09.30 AM - 09.45 AM	S16004: Sustaining concrete structural integrity: S framework for defect identification and rectification methods <i>Kripal Kanakan and Argaw Gurmu</i>
09.45 AM - 10.30 AM	Q&A

Session Coordinator: Mr. Lakshitha Bandaranayake

SATURDAY, 10 AUGUST 2024

SESSION 2B

Theme	Sustainable Solutions for Construction
Session Chair	Prof. Udayangani Kulatunga
Venue/Time	Crystal Ballroom - 08.30 AM - 10.30 AM
Virtual	Breakout Room - Session B

Time	Paper ID, Title and Author(s)
08.30 PM - 08.45 PM	S16046: Assessment of effective waste recycling practices to minimise construction and demolition waste in Sri Lankan construction industry <i>M.R.O.V. Amararathne and K.P.S.P.K. Bandara</i>
08.45 PM - 09.00 AM	S16055: feasibility assessment of smart grid technology for the Sri Lankan urban areas <i>E.G.L.S. Rajapaksha, U. Rathnayake and A.S.W. Karunarathna</i>
09.00 AM - 09.15 AM	S16086: Exploratory study on adaptability of wall-mounted solar panels for high-rise buildings in Sri Lanka <i>Ravindu Yahanpath, W.M.C.L.K. Wijekoon and Janani Uvasara Kumarathunga</i>
09.15 AM - 09.30 AM	S16035: Application of biomimicry concept to improve the sustainability of the construction industry: A literature review <i>F.H.Y.D. Silva, B.A.K.S. Perera, A.M.D.S. Atapattu, J.K.D.D.T. Jayanetti and M.K.C.S. Wijewickrama</i>
09.30 AM - 09.45 AM	S16133: Revamping the land acquisition process for infrastructure projects in Sri Lanka: Strategies for streamlining the existing process <i>U.D.R.E. Ruwanpura, B.A.K.S. Perera and K.A.T.O. Ranadewa</i>
09.45 AM - 10.30 AM	Q&A

Session Coordinator: Ms. Dewmini Wijerathne

SATURDAY, 10 AUGUST 2024

SESSION 2C

Theme	Modernising Construction Human Resource Management
Session Chair	Dr. Sachie Gunathilake
Venue/Time	Longdon Room - 08.30 AM - 10.30 AM
Virtual	Breakout Room - Session C

Time	Paper ID, Title and Author(s)
08.30 PM - 08.45 PM	S16033: Addressing traditional HRM challenges in the construction industry: insights from modern hrm literature <i>J.D.S.S. Jayasinghe, C. Hadiwattege and I.W.M.A.D. Ilangakoon</i>
08.45 PM - 09.00 AM	S16053: Compare VR vs. conventional training for construction workers' safety awareness <i>S.H. Hewagarusinghe and P. Sridarran</i>
09.00 AM - 09.15 AM	S16085: Assessing the importance of implementing wearable technologies for construction employees in the Sri Lankan context <i>K. Dilani, M.M.I.S. Mapa, Gayani Konara and W.K.U.R.M.K.P.K. Samarakoon</i>
09.15 AM - 09.30 AM	S16140: Symptoms of occupational stress in construction professionals: A systematic literature review <i>K.A. Gunasekara, B.A.K.S. Perera and K.A.T.O. Ranadewa</i>
09.30 AM - 09.45 AM	S16130: Training and development strategies to enhance the use of modern software in quantity surveying practice in Sri Lanka <i>W. Pradeep, M. Thayaparan and N.B. Nanayakkara</i>
09.45 AM - 10.30 AM	Q&A

Session Coordinator: Ms. Dasuni Kodithuwakku

SATURDAY, 10 AUGUST 2024

SESSION 2D

Theme	Design for Human Wellbeing
Session Chair	Dr. Pournima Sridaran
Venue/Time	Regency Room - 08.30 AM - 10.30 AM
Virtual	Breakout Room - Session D

Time	Paper ID, Title and Author(s)
08.30 PM - 08.45 PM	S16042: Design tolerance as a pedagogical tactic: The possible role of architectural design in facilitating on-site labour training <i>Gayathmi Hettiarachchi and Milinda Pathiraja</i>
08.45 PM - 09.00 AM	S16047: The impact of design changes on apartment projects' feasibility and project performances in Sri Lanka <i>N.A.R. Sithumina, B.K.C. Perera, T. Wijesinghe and D.D. Hettiarachchi</i>
09.00 AM - 09.15 AM	S16041: An examination of green space exposure for well-being: A case study of Colombo City <i>H.S.A.J. Samaranayake and S.B.A. Coorey</i>
09.15 AM - 09.30 AM	S16067: Incorporating smart interior design concepts in Sri Lankan apartment construction <i>Rashmika Rasanjalee Karunanayaka, Janani Uvasara Kumarathunga and Iresha Gamage</i>
09.30 AM - 09.45 AM	S16128: Implementation of biophilic design concept in leisure industry: Benefits and challenges <i>W.D.R.P. Wickrama, K.G.A.S. Waidyasekara and H.C. Victar</i>
09.45 AM - 10.30 AM	Q&A

Session Coordinator: Ms. Ashinsana Ilangakoon

SATURDAY, 10 AUGUST 2024

SESSION 2E

Theme	Process Improvement Strategies for Construction Management
Session Chairs	Prof. Kanchana Perera
Venue/Time	Gregory Room - 08.30 AM - 10.30 AM
Virtual	Breakout Room - Session E

Time	Paper ID, Title and Author(s)
08.30 PM - 08.45 PM	S16129: Feasibility of web-based microservices architecture for contract document drafting <i>T.P. Dalugoda, S.D. Gallage and D.M.L.N. Bandaranayake</i>
08.45 PM - 09.00 AM	S16073: Pinpointing project pitfalls: A study of critical risk factors in building construction projects in Sri Lanka <i>Samindi Perera, K.V.P. Madushan and G.H.S.P. De Silva</i>
09.00 AM - 09.15 AM	S16076: Investigating the challenges of implementing covid-19 preventive practices in the construction industry in Sri Lanka <i>J. Thiruna, U. Kulatunga, H.F.K. AL-Dahash and M.L.S.S. Fernando</i>
09.15 AM - 09.30 AM	S16034: The necessity and opportunity for upgrading quantity surveying practices based on the lessons learned during the covid-19 pandemic: A literature review <i>H.S.N. Wanigasinghe, C. Hadiwattage and I.W.M.A.D. Ilangakoon</i>
09.30 AM - 09.45 AM	S16117: Comparative analysis of challenges in manual and automated construction progress monitoring in Sri Lanka <i>S. Dilaksha, K.A.T.O. Ranadewa, D. Weerasooriya, Agana Parameswaran and Panchali Weerakoon</i>
09.45 AM - 10.30 AM	Q&A

Session Coordinator: Ms. Vithusha Lingasabesan

SATURDAY, 10 AUGUST 2024

SESSION 3A

Theme	Human Contribution to Sustainable Construction
Session Chair	Dr. Jessica Siva
Time	11.00 AM - 12.30 PM
Virtual	Breakout Room - Session A

Time	Paper ID, Title and Author(s)
11.00 AM - 11.15 AM	S16010: Issues on foreign labourers productivity on green buildings in Selangor, Malaysia <i>Shalini Sanmargaraja, Jagadish Rau Bandirau, AbdulLateef Olanrewaju, Vignes Ponniah, Anselm Dass Mathalamuthu and Gunavathy Kanniyapan</i>
11.15 AM - 11.30 AM	S16049: Addressing the skilled professional shortage in Indian sustainable construction: A focus on awareness, education, training, and policy interventions <i>Talari Naganarasimhulu and Abhay Tawalare</i>
11.30 AM - 11.45 AM	S16139: Challenges and solutions for women in construction industry related disciplines: A literature review <i>Navodana Rodrigo, M.K.C.S. Wijewickrama, Nirusika Rajenthiran, Wimarshi Jayathilaka and Ruidong Chang</i>
11.45 AM - 12.00 NOON	S16039: Lean techniques for project delivery: Assessing construction professionals' level of awareness <i>Matthew Ikuabe, Douglas Aghimien, Clinton Aigbavboa, Ayodeji Oke and Pretty Ramaru</i>
12.00 NOON - 12.30 PM	Q&A

Session Coordinator: Mr. Yasith Sandaruwan

SATURDAY, 10 AUGUST 2024

SESSION 3B

Theme	Circular Economy for Sustainable Construction
Session Chair	Dr. Menaha Thayaparan
Venue/Time	Crystal Ballroom - 11.00 AM - 12.30 PM
Virtual	Breakout Room - Session B

Time	Paper ID, Title and Author(s)
11.00 AM - 11.15 AM	S16088: Unveiling the potential of design for deconstruction in the circular economy <i>Kavini Guruge, K.G.A.S. Waidyasekara, H.S. Jayasena and R.M.A.S. Manewa</i>
11.15 AM - 11.30 AM	S16100: Application of circular economy principles into tropical building designs: A literature review <i>K.A.C.S. Kalu Arachchi, B.A.K.S. Perera, R.A. Dinithi Piyumra and Sajani Jayasuriya</i>
11.30 AM - 11.45 AM	S16111: Adopting circular economy practices in major building materials and elements to minimise waste in Sri Lanka <i>K.D.M. Bimsara, D.N. Abenayake, Vithusha Lingasabesan and V.G. Shanika</i>
11.45 AM - 12.00 NOON	S16008: Taxonomy of circular economy terminologies <i>Sepani Senaratne, Iresha Gamage, Shashini Jayakodi and Srinath Perera</i>
12.00 NOON - 12.15 PM	S16116: Circular economy as a solution for construction demolition waste management in Sri Lanka <i>Ravindu Welihinda, Sachie Gunatilake</i>
12.15 PM - 12.30 PM	Q&A

Session Coordinator: Ms. Thilini Liyanwatta

SATURDAY, 10 AUGUST 2024

SESSION 3C

Theme	Optimizing Construction Efficiency Through Lean Methods and Strategic Procurement
Session Chair	Dr. Chandanie Hediwattage
Venue/Time	Longdon Room - 11.00 AM - 12.30 PM
Virtual	Breakout Room - Session C

Time	Paper ID, Title and Author(s)
11.00 AM - 11.15 AM	S16074: Issues with supply chain management documents that contribute to project delays <i>Jananjaya Ekanayake, Chamari Allis, Sathya Jayasinghe and Angel Lokuge</i>
11.15 AM - 11.30 AM	S16090: Key parameters of lean construction maturity: A delphi study <i>J.K.D.D.T. Jayanetti, B.A.K.S. Perera and K.G.A.S. Waidyasekara</i>
11.30 AM - 11.45 AM	S16110: State-of-the-art lean learning practices in construction: A case study in Sri Lanka <i>Agana Parameswaran, K.A.T.O. Ranadewa, P.A.D. Rajini and J.K.D.D.T. Jayanetti</i>
11.45 AM - 12.00 NOON	S16131: Challenges for commercial management in the construction industry: Case for Sri Lanka <i>K.D. Sepalage, K.A.T.O. Ranadewa, M.R.D.P. Wijerathna, A. Parameswaran and D. Weerasooriya</i>
12.00 NOON - 12.15 PM	S16114: Challenges for project selection and execution of public-private partnership projects in Sri Lanka <i>S.A.C. Kavinda and S.D. Gallage</i>
12.15 PM - 12.30 PM	Q&A

Session Coordinator: Ms. Mathanky Sachchithananthan

SATURDAY, 10 AUGUST 2024

SESSION 3D

Theme	Smart Digitalisation for Sustainable Construction
Session Chairs	Dr. Suranga Jayasena
Venue/Time	Regency Room - 11.00 AM - 12.30 PM
Virtual	Breakout Room - Session D

Time	Paper ID, Title and Author(s)
11.00 AM - 11.15 AM	S16043: Navigating sustainability and digitalisation in the construction industry: A literature review <i>W.K.R. Prasadinee, C. Hadiwattage and I.W.M.A.D. Ilangakoon</i>
11.15 AM - 11.30 AM	S16044: Potential of virtual reality (VR) technology for safety training and accident prevention in construction <i>Maheesha Silva, Chamari Allis and Chanuth De Silva</i>
11.30 AM - 11.45 AM	S16045: Advancing digital technology adaptation in Sri Lankan construction firms <i>D.M.U.S. Bandara, J.A.S.K Jayasinghe and P. Coomasaru</i>
11.45 AM - 12.00 NOON	S16027: Unveiling the benefits of Radio Frequency Identification (RFID) technology for enhancing technological applications in Sri Lankan construction industry <i>M.R.D.P. Wijerathna, K.G.A.S. Waidyasekara and A.M.D.S. Atapattu</i>
12.00 NOON - 12.15 PM	S16054: Investigating The Sustainable Impacts Of Computer Vision Technology In Construction: Framework Development And Critical Analysis <i>M.D. Dulshan Costa, M.R. Ransika Costa, M. Thayaparan</i>
12.15 PM - 12.30 PM	Q&A

Session Coordinator: Mr. Dilshan Akalanka

SATURDAY, 10 AUGUST 2024

SESSION 3E

Theme	Strategies to Enhancing Process Management in Construction Organisations
Session Chair	Ch.QS. Indunil Senavirathne
Venue/Time	Gregory Room - 11.00 AM - 12.30 PM
Virtual	Breakout Room - Session E

Time	Paper ID, Title and Author(s)
11.00 AM - 11.15 AM	S16066: Survival challenges faced by the small-scale building contractors in Sri Lanka <i>R.M.K.K. Nuwandhara, A.S. Perera and G.H.S.P. De Silva</i>
11.15 AM - 11.30 AM	S16037: A maturity model for digitalisation of small and medium enterprise contractors in the Sri Lankan construction industry: A focus on client and technology dimensions <i>D.P.A.L.C. Devapriya and R. Palliyaguru</i>
11.30 AM - 11.45 AM	S16113: Risk management in Sri Lankan SME construction sector: Identifying barriers and enablers <i>B.B. Bandaranaike, S.D. Gallage and S. Sivanraj</i>
11.45 AM - 12.00 NOON	S16136: Integrated project delivery implementation among construction SMEs in Sri Lanka: Barriers and strategies <i>E. Edman Lukson, K.A.T.O. Ranadewa, Agana Parameswaran, M.R.D.P. Wijerathna and Dasuni Kodituwakku</i>
12.00 NOON - 12.15 PM	S16102: The role of stakeholders in business model innovation in construction organisations in Sri Lanka <i>D.S.I. Wijayawardena, Y.G. Sandanayake and D.M.L.N. Bandaranayake</i>
12.15 PM - 12.30 PM	Q&A

Session Coordinator: Ms. Piumi Tennakoon

SATURDAY, 10 AUGUST 2024

SESSION 4A

Theme	Project Financing and Construction Cost Management
Session Chair	Dr. Navodana Rodrigo
Time	01.30 PM – 03.00 PM
Virtual	Breakout Room - Session A

Time	Paper ID, Title and Author(s)
01.30 PM - 01.45 PM	S16023: Financing scheme for the transit-oriented development projects in Indonesia <i>Mohammed Ali Berawi, Pradhana Listio Wicaksono, Gunawan Saroji, Mustika Sari and Perdana Miraj</i>
01.45 PM - 02.00 PM	S16032: Making a case for foreign direct investments in the South African construction industry <i>Matthew Ikuabe, Clinton Aigbavboa, Andrew Ebekoziem and Samuel Adekunle</i>
02.00 PM - 02.15 PM	S16093: Mapping global trends in cost of quality dynamics: A bibliometric study <i>Nandini Sharma, Rhijul Sood and Boeing Laishram</i>
02.15 PM - 03.00 PM	Q&A

Session Coordinator: Mr. Dilshan Akalanka

SATURDAY, 10 AUGUST 2024

SESSION 4B

Theme	Smart Building Innovations towards Sustainability
Session Chair	A/Prof. Sepani Senaratne
Venue/Time	Crystal Ballroom - 01.30 PM – 03.00 PM
Virtual	Breakout Room - Session B

Time	Paper ID, Title and Author(s)
01.30 PM - 01.45 PM	S16094: Enhancing data security in smart buildings leveraging blockchain technology <i>D. Rashmitha Divaneth, M.M.I.S. Mapa, Gayani Konara and W.K.U.R.M.K.P.K. Samarakoon</i>
01.45 PM - 02.00 PM	S16108: O2E2: A framework for evolving cost estimation in BIM workflow <i>Himal Suranga Jayasena</i>
02.00 PM - 02.15 PM	S16101: Augmenting performance of prefabricated MEP modular systems via BIM integration <i>J.D.R. Ranathunga, C. Hadiwattege and T.M.P.N. Thennakoon</i>
02.15 PM - 02.30 PM	S16082: Integrating 5D-BIM approach optimising quantity calculation efficiency in the Sri Lankan construction industry <i>P. Kanimaruthan, U. Kulatunga and T.M.P.N. Thennakoon</i>
02.30 PM - 03.00 PM	Q&A

Session Coordinator: Ms. Nishadi Nanayakkara

SATURDAY, 10 AUGUST 2024

SESSION 4C

Theme	Sustainable Construction Technologies
Session Chair	Dr. Nandun Madusanka
Venue/Time	Longdon Room - 01.30 PM – 03.00 PM
Virtual	Breakout Room - Session C

Time	Paper ID, Title and Author(s)
01.30 PM - 01.45 PM	S16019: Prototyping a coating based on ancient technology: A case study in Sigiriya, Sri Lanka <i>K.M.K.D. Weerasekara, R.M.K.M. Rathnayake, M.S. Mendis, H. Galabada, G.Y. Jayasinghe and R.U. Halwatura</i>
01.45 PM - 02.00 PM	S16029: Challenges in chemical anchoring carried out in the Sri Lankan context <i>G.A.P.C.S.M. Pathiraja, R.A. Dinithi Piyumra and P.A.P.V.D.S. Disaratna</i>
02.00 PM - 02.15 PM	S16106: Role of prefabricated prefinished volumetric construction in enhancing construction productivity: Sri Lankan perspective <i>F. Madushan, M.D.T.E. Abeynayake and I.E. Illeperuma</i>
02.15 PM - 02.30 PM	S16025: Applicability of the atmospheric water generation: The case of hotel industry in Sri Lanka <i>P.M. Wijesundara, Chandanie Hadiwattage and G.G.N. Chandani</i>
02.30 PM - 03.00 PM	Q&A

Session Coordinator: Mr. Hasith Victor

SATURDAY, 10 AUGUST 2024

SESSION 4D

Theme	Smart Technologies for Resolving Construction Disputes
Session Chairs	Dr. KAK Devapriya/ Dr. Dilani Abeynayake
Venue/Time	Regency Room - 01.30 PM – 03.00 PM
Virtual	Breakout Room - Session D

Time	Paper ID, Title and Author(s)
01.30 PM - 01.45 PM	S16050: Smart contract applications for mitigating disputes in the construction industry <i>R.M.O.H. Bandara, M.D.T.E. Abeynayake, I.E. Illeperuma and B.A.I. Eranga</i>
01.45 PM - 02.00 PM	S16105: Blueprint for a natural language processing powered nexus for regulatory and legal landscape in construction <i>P.V.I.N. Saparamadu, H.S. Jayasena and B.A.I. Eranga</i>
02.00 PM - 02.15 PM	S16112: Incorporating digital technologies for alternative dispute resolution in the Sri Lankan construction industry <i>A.P.T.M. Abeywickrama, M.D.T.E. Abeynayake, B.A.I. Eranga and I.E. Illeperuma</i>
02.15 PM - 02.30 PM	T16122: AI models for predicting construction disputes in Sri Lanka <i>Y.M.W.H.M.R.R.L.J.B. Kiridana, M.D.T.E. Abeynayake and B.A.I. Eranga</i>
02.30 PM - 02.45 PM	S16107: Barriers for collaboration among built environment higher education: Undergraduate perspectives <i>R.L. Opanayake, M. Thayaparan and K.A.L. Dasuni</i>
02.45 PM – 03.00 PM	Q&A

Session Coordinator: Mr. Lakshitha Bandaranayake

SATURDAY, 10 AUGUST 2024

SESSION 4E

Theme	Sustainable Solutions for Residential Buildings
Session Chairs	Prof. Samitha Manawadu
Venue/Time	Gregory Room - 01.30 PM – 03.00 PM
Virtual	Breakout Room - Session E

Time	Paper ID, Title and Author(s)
01.30 PM - 01.45 PM	S16115: Influence of BOI approvals on cost and time aspect of apartment construction in Sri Lanka <i>H.R. Gurusinghe, S.D. Gallage, T.P. Dalugoda</i>
01.45 PM - 02.00 PM	S16068: Behavioural adaptations and housing modification: A case study of a low-income high-rise housing estate in Sri Lanka <i>G.Y.D. Warakapitiya, S.B.A. Coorey, N.G.R. Perera and R. Giridharan</i>
02.00 PM - 02.15 PM	S16126: Role of micro-housing in fulfilling middle-income housing demand in urban areas: Sri Lankan perspective <i>M.M.N. Mannapperuma, P.A.P.V.D.S. Disaratna and I.E. Illeperuma</i>
02.15 PM - 02.30 PM	S16137: A simplified guide towards incentivising embodied carbon assessment: A case of high-rise residential building <i>M. Sachchithananthan, T. Ramachandra and D. Geekiyanage</i>
02.30 PM - 02.45 PM	Q&A

Session Coordinator: Mr. Yasith Sandaruwan