

# International Research Conference -2016 KDU

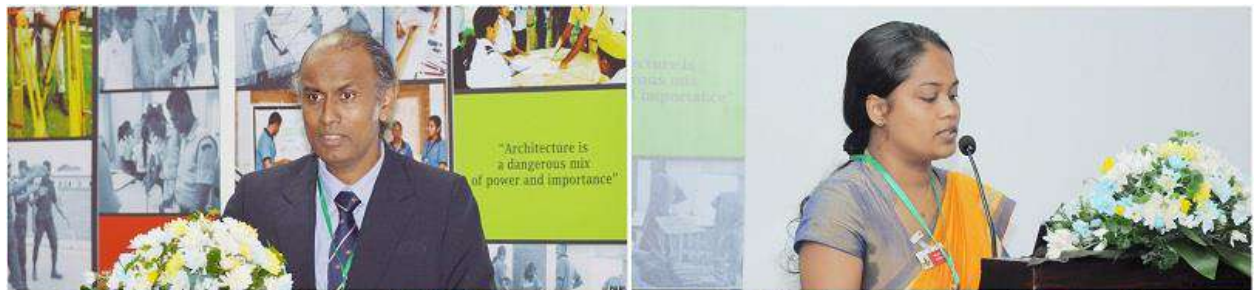
Created on 19 September 2016

The Ninth International Research Conference (IRC) of General Sir John Kotelawala Defence University (KDU) was successfully held on 8<sup>th</sup> and 9<sup>th</sup> September 2016 at the Ratmalana university premises.

The Faculty of Built Environment & Spatial Sciences of Kotelawala Defence University Southern Campus conducted its sessions for the first time on Architecture, Spatial Sciences, and Quantity Surveying in the IRC. Eminent academics and professionals in their areas of expertise delivered their guest lectures in the plenary session enlightening the audience with a greater intellectuality while emphasizing the need to conduct more vibrant research in the respective fields. In the technical sessions that were followed in the consecutive day, many scholars presented their research papers and poster presentations spanning across various themes.

The scholar K.A Dinusha was awarded for the best research paper for her presentation titled 'Development of a Mobile Application on Disaster Emergency Alertness Targeting Communities in Matara District in Sri Lanka'.







# Inter-University Design Workshop - “From Natural Forms to Frozen Music”

Created on 29 September 2016

The Department of Architecture of Kotelawala Defence University - Southern Campus successfully held its first Inter-University Design workshop on Architecture on 2<sup>nd</sup> and 3<sup>rd</sup> of September 2016. The workshop was aimed at fostering the technical exchange know-how among the scholars from other higher learning seats of the country who are specializing in the respective field. There were 77 student participants from two local institutes (SLITT & NIBM) as well as students from two Indian architectural schools (SMMCA & Al Salama). The design workshop for the scholars included an orientation programme, site visits within the Southern Campus premises, group design projects followed by an evaluation and the feedback from the expertise. Parallel to the design workshop, a design teaching session was also conducted for the 31 lecturers from the University of Moratuwa and the other state universities. The workshop concluded with the presentation of the certificates to the participants.













# IQSSL Annual Technical Sessions 2016

Created on 07 December 2016

The undergraduates reading for the BSc (Hons) Quantity Surveying Programme at the Faculty of Built Environment & Spatial Sciences at the Kotelawala Defence University Southern Campus participated for the annual technical sessions conducted by Institute of Quantity Surveyors, Sri Lanka (IQSSL) under the theme of Social Responsibility of Young Quantity Surveyors which was held on 3<sup>rd</sup> of November 2016 at the BMICH.











# IQSSL Annual Fellowship Dinner 2016

Created on 07 December 2016

A token of appreciation was presented to the president of Institute of Quantity Surveyors, Sri Lanka (IQSSL) at the annual fellowship dinner by Mr. Randima Senarathna a lecturer at the Department of Quantity Surveying, Kotelawala Defence University Southern Campus on behalf of the Vice Chancellor of Kotelawala Defence University: Rear Admiral Jagath Ranasinghe USP, psc in appreciation of the immense support rendered by the president of IQSSL in establishing the Quantity Surveying Degree programme in Kotelawala Defence University.



# Portfolio Examination 2016

Created on 24 January 2017

The Department of Spatial Sciences of General Sir John Kotelawala Defence University is planning to conduct the portfolio examination for 1<sup>st</sup> year and 2<sup>nd</sup> year students, on 06<sup>th</sup> of February 2017 at 8.00 am to 6.00 pm at General Sir John Kotelawala Defence University, Ratmalana.









# Fulbright Scholarship

Created on 08 July 2017

Miss.Tharaki Sathyavi Hettiarachchi has pursued her primary and secondary education from Girls' High School in Kandy. After successfully completing her G.C.E (A/L) examination, she joined General Sir John Kotelawela Defence University (KDU) and she is currently an Undergraduate in the Department of Quantity Surveying, Faculty of Build Environment and Spatial Sciences, at KDU Southern Campus, Sri-Lanka.

She has been offered a Fulbright scholarship through the Global Undergraduate Exchange Program which is sponsored by the United State Department of States Bureau of Educational and Cultural Affairs through the Embassy of USA in Colombo, to undertake a course of study at Tennessee Tech University, America. She strongly believes that an exposure to the American society and culture will be of immense benefit for the development for her future education. She hopes to enhance her knowledge on various subjects and identify modern technologies in the field of quantity surveying through expert knowledge gained through this program and to contribute to her mother country once she returns.

She is a brilliant undergraduate and an outstanding research student. She has proven her keenness and ability to carry out research work in the field of Quantity Surveying under the areas of *"Preliminary Analysis impact of foreign labour participation on the construction industry in Sri Lanka in comparison with secondary education leaves"* and *"City plans and construction technologies in colonial Sri Lanka"* as current researches and obtained a sound knowledge in all core areas.

Miss Tharaki Hettiarachchi has also reflected her painting ability throughout the world. She has held international art exhibitions in Mahabodhi center India, as well as in Ye-De-Te-Pe University, Istanbul, Turkey, at the world congress related to health challenges of the third millennium. Furthermore, she has also participated in the programs undertaken on behalf of Syrian refugees at Uppsala, Sweden and has had many international mobility experiences in Germany, Sweden etc.



# International Research Conference – 2018 KDU

Created on 12 October 2018

The Annual International Research Conference of KDU was conducted for the eleventh consecutive year on 13<sup>th</sup> and 14<sup>th</sup> September 2018, at the General Sir John Kotelawala Defence University, Sri Lanka. The conference was organised under the theme "Securing Professional Excellence through Collaboration".

The Faculty of Built Environment & Spatial Sciences of Kotelawala Defence University Southern Campus simultaneously conducted its sessions on Architecture, Spatial Sciences, Quantity Surveying and Multi-Disciplinary under the faculty theme of Ecumenopolis "Global Collaboration and Asian Renaissance". Eminent academics and professionals in their areas of expertise delivered their guest lectures in the plenary session enlightening the audience with a greater intellectuality while emphasizing the need to conduct more vibrant research in the respective fields. The plenary session was chaired by Professor Bharat Lohani from the Indian Institute of Technology Kanpur. In the technical sessions that were followed in the consecutive day, many scholars presented their research papers and poster presentations spanning across various research areas. D Geekiyanage and authors were awarded for the best research paper for the presentation titled 'Strategies for Enhancing the Research and Development Activities in the Sri Lankan Construction Industry'. The best poster presentation was awarded to DWK Gayantha and DR Senarathne for the poster presentation titled the 'Impact of Traditional Space Planning on the Semi-Public Spaces of Contemporary Sri Lankan Houses'.





















# Academic excellence of the full bright scholarship

Created on 14 January 2019

Miss Kathriarachchige Dona Malsha Gimhani has pursued her secondary education from Anula Vidyalaya, Nugegoda. After successfully completing her G.C.E (A/L) examination, she joined General Sir John Kotelawala Defence University and she is currently an undergraduate in the Department of Quantity Surveying, Faculty of Built Environment and Spatial Sciences at KDU Southern campus, Sri Lanka.

She has been offered a full bright scholarship through the Global Undergraduate Exchange Program which is sponsored by the United States Department of State, Bureau of Educational and Cultural Affairs through the Embassy of USA in Colombo, to pursue the undergraduate degree semester at Murray State University, Kentucky, USA. She strongly believes that an exposure of this nature to the American Society and culture will render an immense benefit for the development of her future education, she hopes to enhance her knowledge on various subjects and identify modern technologies in the field of Quantity Surveying through expert knowledge gained through this program and to contribute to her mother country once she returns.

She is an upcoming research student and has proven her ability to carry out research work in the field of Quantity Surveying under the area of 'Volume estimation for highway curves using End-Area rule' and obtained a sound knowledge in the said area.

Miss Malsha Gimhani has also reflected her academic excellence during her scholarship by being recognized as a fall 2018 Dean's list recipient at Murray State University, Kentucky. This is a tremendous honour and a testament to the hard work she has put for education.



# BArch, Intake 34: Major Design Project

Created on 27 June 2019

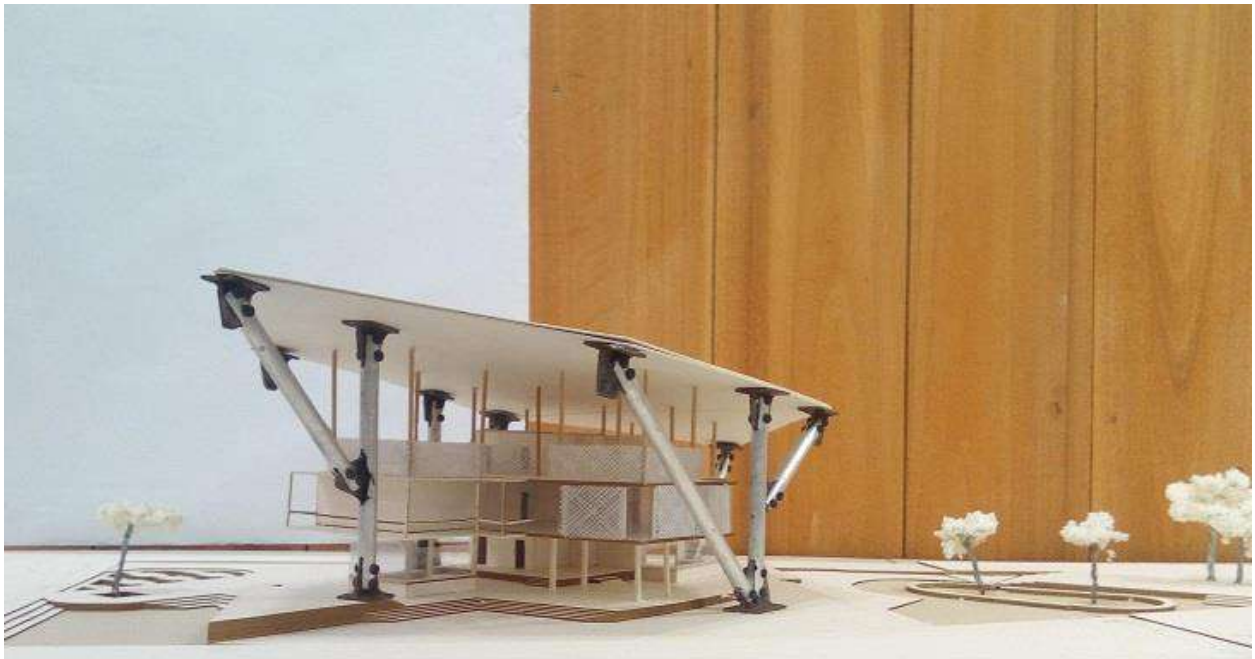
The Intake 34, third year students of the Department of Architecture completed their final assessment of the Major Design Project (MDP). Eleven undergraduates including an Army Officer were evaluated by a panel of experts. They studied selected urban areas in Colombo including De Zoysa Circus, Town Hall, Viharamahadevi Park and the Albert Crescent in Colombo 07. The project involved designing a civic center, mini sports center and a center for cinematic arts on three selected sites. The examination panel for the MDP consisted of Prof. Harsha Munasinghe (Prof. of Architecture), external examiner Archt. Upendra Randeniya (Fellow member of Sri Lanka Institute of Architects) and two Year Masters for Level 03.













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# NAITA Seminar on Industrial Training

Created on 27 June 2019

Intake 33 undergraduates of Department of Spatial Sciences participated the seminar organized by the National Apprentice and Industrial Training Authority (NAITA) on 25<sup>th</sup> June 2019 at KDU Rathmalana. This was mandatory workshop to be undertaken by undergraduates prior to their industrial training which is due to be started on 1<sup>st</sup> of July 2019.

The workshop was conducted by Mr. DSB Rathnayake, the Deputy Principal of Automobile Engineering Training Institute (AETI) under NAITA, to make the students realize the terms and conditions of the training along with their responsibilities and expected outcomes from the industrial training.





# BArch, Intake 33: Study Tour for Multi-Story Design Project

Created on 22 July 2019

The Intake 33, Year Four architecture undergraduates of the BArch degree programme, commenced work on their final design project of a multi-storey building themed, “Iconicity and the Celebrity Highrise”, on 9th July 2019. In keeping with the theme, a site was selected for the design exercise alongside the Beira Lake, where most of Sri Lanka's celebrity real estate is located.

As a prelude to commencing work on the given design project, the undergraduates completed an intensive study programme in Colombo on the designs of high-rises which are employing cutting edge construction technology, from 9<sup>th</sup> July 2019 to 13<sup>th</sup> July 2019. The case studies included prestigious projects such as the Sheraton Hotel-Colombo 03, Odel Mega Mall-Colombo 07, the Keells Waterfront Integrated Resort-Colombo 03, Empire Residencies-Colombo 02 and Havelock City- Colombo 06.

The undergraduates are scheduled to make the presentations of their findings on Saturday, 03<sup>rd</sup> August 2019, before an erudite panel comprising Architect Prasanna Silva (former Director General UDA), Architect Vernajan Kurukulasuriya, President of Sri Lanka Institute of Architects, Archt. Dr. Jagath Munasinghe, Chairman UDA and Director General National Planning Department and Architect Dr. Senaka Dharmatilleke, Chief Architect Havelock City.













# Research Excellence: Department of Quantity Surveying

Created on 31 July 2019

Miss Sahani Shanthini Fernando is a final year Quantity Surveying undergraduate, who has pursued her Bachelor of Science Honours Degree in Quantity Surveying, from the Department of Quantity Surveying, Faculty of Built Environment and Spatial Sciences at Southern Campus, General Sir John Kotelawala Defence University

Her research paper on the “Application of Value Engineering for the Sustainability of the Construction Industry in Sri Lanka”, supervised by Dr. Sanjaya Jayasooriya was presented at the International Conference on Civil Engineering and Applications, 2019, organized by the Department of Civil Engineering, University of Moratuwa, Sri Lanka. The conference was held on 25<sup>th</sup> and 26<sup>th</sup> July 2019 at the University premises, Moratuwa. It was based on her final year bachelor’s thesis and was selected to the top 50 research papers for the publication in conference proceedings.

This research study was presented at the category of Sustainable Built Environment, chaired by Dr. D. Maskell from the University of Bath, United Kingdom and Dr. J. C. P. H. Gamage from the University of Moratuwa.



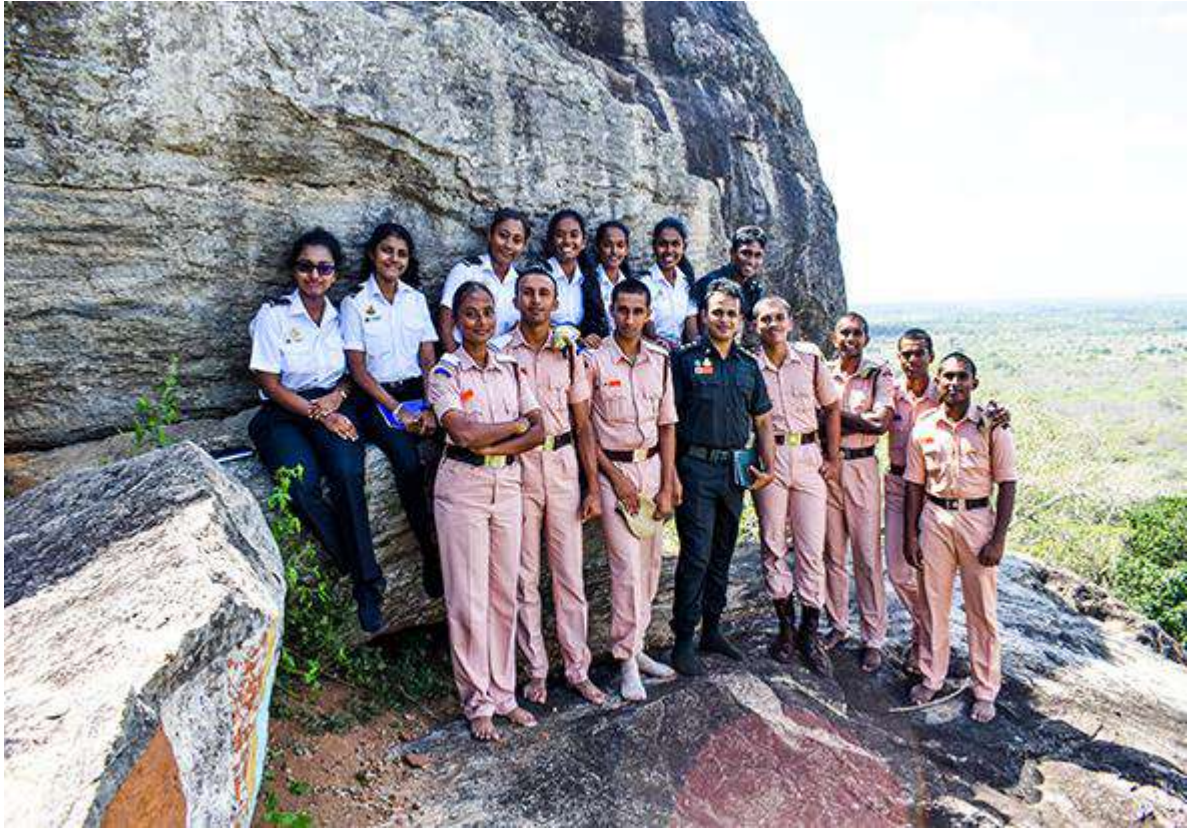
# BArchitect, Intake 36: Experiencing Architecture Study Tour

Created on 01 August 2019

Undergraduates of Architecture Intake 36 visited “Karandulena Hermitage” also known as Karambagala Hermitage (Aranya Senasanaya) on 26th July 2019, as a part of the experiencing architecture module prescribed for Level 01, the first year. The place is an ancient forest monastery with large number of caves located in Ambalantota area of Southern Sri Lanka. The study tour cum excursion was a thought provoking exercise for undergraduates. Exploration, explanation, sketching, photographing, contemplating and discussions filled the activities of the day. The tour was academically successful and was enjoyable venture too for the undergraduates.











# KDU Undergraduates in a Workshop on Disaster Resilience at Meeriyabedda Resettlement Site

Created on 21 August 2019

The undergraduates of Intake 33 B Architecture, Department of Architecture and Intake 34 BSc Surveying Sciences, Department of Surveying Sciences participated in a workshop on disaster resilience at the Meeriyabedda Resettlement Site, Haputhale. The programme was organized by Architect Prof. Harsha Munasinghe in collaboration with National Building Research Organization (NBRO). Architect Krishan Sugathapala (Director, Human Settlements Planning and Training Division) conducted the event. The undergraduates were able to have hands-on experience by surveying a post-disaster resettlement site and disaster resilient designing at a landslide prone environment. The workshop consisted of group work and several practical sessions undertaken by officials of NBRO and it enhanced the inter-relationship among undergraduates of B Architecture and BSc Surveying Sciences.













# Rector's Challenge Trophy 2019

Created on 29 August 2019

Rector's Challenge Trophy 2019, the annual Inter Intake Football Championship organized by the Department of Quantity Surveying of the Faculty of Built Environment and Spatial Sciences, KDU Southern Campus was successfully held on 07<sup>th</sup> August for the third consecutive year. Organized by the undergraduates of Intake 35 of Department of Quantity Surveying, the Championship was themed 'Yaka' (the devil) to signify traditional superstitious nuances of the Southern Region of the country and the decorations and variety show of the event were done based on the theme

Four teams, a team each from intake 34, 35 and 36, and a combined team of Intake 32 and 33, competed against each other in league round and the ultimate winner of the Trophy was decided from the finals. The final which was a grueling contest held between Intake 34 and 36 who were the league round winners. The Rector's Challenge Trophy went to the undisputed champions, the Intake 36 who was undefeated throughout the tournament. The Intake 36 team bagged the other two prizes on offer too, the Best Player and the Best Goalkeeper which went to Day Scholar MB Liyanage and Day Scholar VKCN Perera respectively. The tournament was graced by, the Rector of Southern Campus Brigadier W P A K Thilakarathne psc as the chief guest. The military staff, academic staff, non-academic staff, officer cadets and day scholars participated this colorful and entertainment filled event.



































# Intake 35 Quantity Surveying Undergraduates Embarked on a Field Visit to the Southern Expressway

Created on 20 September 2019

The Quantity Surveying undergraduates of Intake 35 were embarked on a visit to the main infrastructure developments of the Southern Expressway to Hambantota; the Beliatta Interchanging Portal and the Section 6 of the Highway Pavement on 29 August 2019. The objective of this visit was to give them the practical experience and the industrial related technical expertise on the module, Quantity Surveying Group Project. The undergraduates were able to accumulate experience how does the theoretical aspects of the Construction Technology practically being implemented in real construction scenarios. With the deliberations of site professionals, the visit enhanced the students' knowledge on in site industrial practices. The undergraduates expressed their appreciation for the practical know-how they acquired during the visit.













# Intake 36 Quantity Surveying Undergraduates Embarked on the First Field Visit

Created on 20 September 2019

Quantity Surveying undergraduates of Intake 36 visited the Section 6 of the Southern Expressway extension to Hambanthota on 22<sup>nd</sup> August 2019. It was the inaugural field visit of the Quantity Surveying undergraduates of Intake 36 and was undertaken as a mean of providing practical experience related to Professional Practice curriculum module prescribed for the first year. Students were able to gather knowledge on construction techniques of a highway construction including highway pavement materials and design, structural design of pavement thickness and pavement maintenance. The site visit enables students to enhance their knowledge on construction techniques in an industrial scenario making it an successful academic outing.









# QS Intake 34 Study Tour on Construction Technology

Created on 30 September 2019

Field visits formulate an important aspect of the Quantity Surveying Degree programme to obtain hands on experience in the Construction Industry. On 19<sup>th</sup> and 20<sup>th</sup> September 2019, the undergraduates of the Intake 34 of the Department of Quantity Surveying embarked on one of such key study tour to Badulla and Randenigala area, as a partial requirement of their module on Construction Technology. The visit was intended to study the key construction portfolios in the area that included Ella Nine-Arch Bridge, Demodara Railway Tunnel, Bogoda Ancient Wooden Bridge, Minipe Aqua Duct and Randenigala Dam. The undergraduates were able to derive a rich learning experience from this field visit by witnessing how the theoretical aspects of construction technology has been implemented in ancient and present day mega construction projects. The undergraduates were accompanied by the module lecturer Mr. Gayan Wanasinghe who delivered them the on-site briefings to enhance their knowledge further.



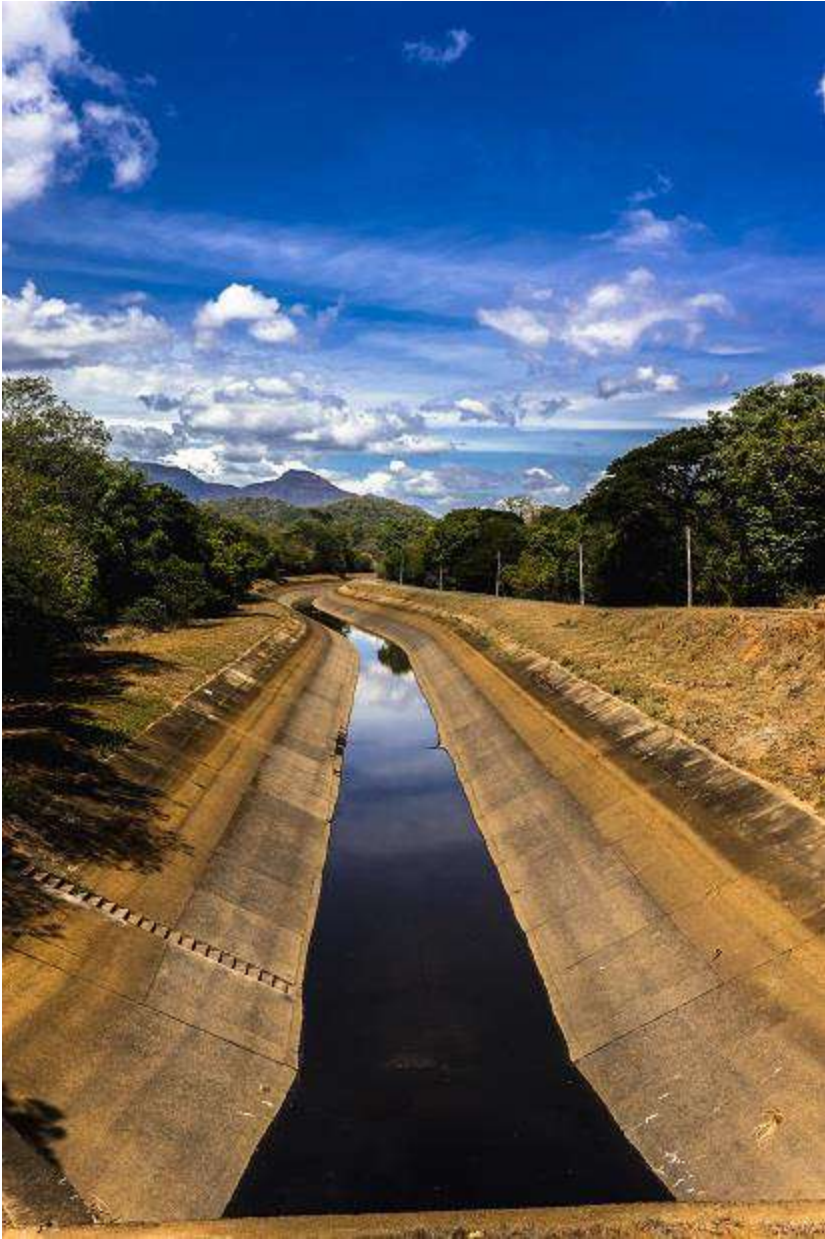
















# KDU IRC 2019 – Faculty of Built Environment and Spatial Sciences

Created on 01 October 2019

The 12<sup>th</sup> Annual International Research Conference of KDU (KDU IRC 2019) was held on 11<sup>th</sup> and 12<sup>th</sup> September 2019 at the University auditorium under the theme “Challenges to Humankind in the Face of New Technologies”.

The sessions of the Faculty of Built Environment and Spatial Sciences were conducted on the disciplines of Architecture, Quantity Surveying and Spatial Sciences under the theme, “Rise of the Indian Ocean Rim Region: Global Common and the Asian Renaissance”. Eminent scholars and professionals enlightened the audience with their guest presentations at the plenary session conducted on the first day of the conference which was chaired by the Emeritus Professor Willie Mendis, the former vice chancellor of the University of Moratuwa. The technical sessions of oral presentations and the poster presentation held on following day marked an invaluable opportunity for the academia, professionals of the respective fields and the students to present their researches in the three disciplines.

RWVSR Rajapaksha, KSKNJ Kudasinghe and SR Gunaratna were awarded for the best oral presentation for their research on Investigating the Spatial Efficacy of Healthcare Facilities Dedicated To the Care of Post-Traumatic Stress Disorder (PTSD) Patients in Sri Lankan Military Hospitals. The award for the best poster presentation was received by PDJD Premaratne and MLNH Premarathna for their poster titled Elements of urban form in defining the elements of collective cognitive map, with special reference to Maharagama, Sri Lanka.

























