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University of Moratuwa

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09

**SPEAK OUT FOR ENGINEERING**

**CONGRATULATIONS**

**SHENAL THEEKSHANA**

**WINNER**

OF THE  
SOFE COMPETITION  
SRI LANKA  
**2020**

REPRESENTING UNIVERSITY OF MORATUWA STUDENT CHAPTER



University of Moratuwa

09

**CONGRATULATIONS**

**COVID19 STUDENT CHALLENGE**

HIGHER EDUCATION CATEGORY

**1ST PLACE**

Team MORA Phoenix





H.A.P Bimsara    W.K.R Sachinthana    Thisara

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## 41<sup>st</sup> General Convocation of the University of Moratuwa [From front page]



The 41<sup>st</sup> General Convocation of University of Moratuwa (UoM) was held on 24<sup>th</sup> and 25<sup>th</sup> August 2020 in six sessions at the Bandaranaike Memorial International Conference Hall (BMICH). The Chancellor of the University, Vidya Jyothi Professor Emeritus KKYW Perera, presided the Convocation Ceremony.

A total of 1877 competent graduands were conferred degrees in engineering, architecture, information technology, and business. Over 20% of them were postgraduate students of whom 11 were PhD students.

Having earned internationally recognized accreditation status from a number of international accreditation bodies, UoM

degree programs are considered to be on par with those offered by the world's best universities. Furthermore, UoM has taken steps to ensure quality in all its activities and support the establishment of a superior academic culture throughout the institution as evidenced by an "A" grade (the highest possible grade) for the 2019 Institutional Review conducted by the University Grants Commission (UGC).

More information

• Visit <https://www.uom.lk/slideshow-entry/convocation-e-tabloid> for Convocation eTabloid (Convocation Messages and the Graduand list)

• Visit <https://uom.lk/hot-events> for the Convocation Videos (All 6 sessions)



Faculty	First Degree	Postgraduate Degree/Diploma
Architecture	332	57
Engineering	903	268 (7 PhDs)
Information Technology	256	36 (3 PhDs)
Faculty of Business	-	25 (1 PhD)



**The following Doctoral students** were awarded PhDs at the General Convocation 2020

### Kokila Abeykoon

#### Disabilities to residual abilities

Supervisors: Dr. Himan Punchihewa, Dr. Julian Nanayakkara



Kokila's research helps potential employers to evaluate People with Physical Disabilities (PPDs) for employment. She explored typical manual work activities (WAs) that could be performed by PPDs with their residual range of movement (RM) of the relevant body regions. She then mapped them to form a framework. Her work was guided by industrial engineers and medical experts. She tested the framework for usability and functionality with potential employers and PPDs respectively.

The framework identifies WAs for a PPD in line with his/her residual capability, and prompts to determine equipment, facilities, procedures and training needs for effective performance.

### Anuja Fernando

#### From Airport to Aerotropolis

Supervisor: Prof. Saman Bandara



In 2019, ten million passengers passed through the Bandaranaike International Airport (BIA). Travelers favour airports that offer outstanding experiences. Such a travel hub can bring an influx of foreign exchange through attractive product and service offerings. Anuja's quest was on transforming smaller airports such as the BIA to Aerotropolises.

Aerotropolises are areas around airports that have moved beyond core services such as landing, takeoff, passenger and baggage handling, towards venues for shopping, conferencing, sports, entertainment, relaxation etc. Anuja identified key enablers for transformation. She then developed Airport City Effective Criteria (ACEC) to assess the readiness of an airport for moving towards an Aerotropolis.

### Gayani Jayatunga

#### Drying of black pepper

Supervisor: Prof. Padma Amarasinghe



Sri Lanka is a major producer of pepper, exporting around 10,000 MT annually. With its pungent aroma and medicinal properties, pepper adds value to the food, pharmaceutical and cosmetic industries.

Gayani undertook to study drying, an important part of postharvest pepper processing. Her objective was to identify the best operational parameters for spouted bed drying, such as air-velocity, drying temperature and bed height. Experimental data was fitted to several drying models to identify the best. Four models were developed and were extended to estimate drying time. Accordingly, she has been able to provide valuable recommendations for the pepper processing industry.

### Upuli Perera

#### Efficient and clean energy from local firewood

Supervisor: Prof. Mahinsasa Narayana



Fuel wood accounts for the largest share of industrial energy usage in Sri Lanka, being the dominant fuel in tea, brick and tile industries. Biomass, despite being renewable and environmentally friendly, does not guarantee efficient or clean combustion.

Upuli undertook to characterize Rubber and Gliricidia in order to obtain a thorough understanding of the combustion process, aiming for better efficiency and less pollution. Due to the large number of variables involved, she resorted to numerical modelling and followed up with experimental model validation. Upuli's contributions are useful in designing and optimizing furnaces, where these local fuel wood varieties are used.

### Hasitha Bandara

#### Better curing of concrete

Supervisor: Prof. Wasantha Mampearachchi



Curing of concrete requires adequate moisture to be maintained on the concrete surface to develop its strength. This process increases construction time, and may cause early age cracks. Hasitha set out to understand an alternative curing process which maintains water in porous aggregates within the concrete.

He chemically analyzed several local and imported clay samples, and established an aggregate production process to produce fine aggregates in the lab. The pore structures and curing properties of these were analyzed in detail. He then produced conventional and superior aggregates for internal curing in large quantities and validated the analysis with three types of concrete.

### Mihirini Wagaarachchi

#### Experimenting with human-like artificial intelligence

Supervisor: Prof. Asoka Karunananda



Humans, with our sophisticated Neocortex, have a six-layer neural network to perform brain functions. Artificial Neural Networks (ANNs) try to replicate the problem-solving abilities of the human brain. However, many real-life ANNs have only a few hidden layers, trading off performance with complexity. Mihirini's investigation was about the optimum number of hidden layers to solve a particular problem.

Mimicking neuroplasticity of the human brain, i.e., its ability to reorganize its neural connections, Mihirini developed a novel algorithm which she applied to ANNs with upto twelve hidden layers. She observed that a simpler architecture can be derived for a given complex ANN.

## Sudarshana Perera

### Filling a gap in the rubber industry

Supervisors: Dr. Shantha Egodage, Prof. Shantha Walpalage



The estimated annual gross turnover of the Sri Lankan rubber industry is approximately US\$ 1B. Our world-acclaimed natural rubber (NR) products include tires and surgical gloves.

Fillers modify the mechanical properties of NR as required for a specific application. Though carbon black is widely used as a reinforcing filler, its colour and environmental pollution are limitations. Hence, Sudarshana investigated inexpensive and environmentally friendly alternatives.

He identified clay (Montmorillonite) as a suitable reinforcing filler, and carried out experimental investigations on preparation of the NR-clay nanocomposite and resulting mechanical properties. These revealed that it is an excellent reinforcing filler at low loadings.

## Rukmal Weerasinghe

### Assessment of the National Innovation System

Supervisor: Prof. Ananda Jayawardane



Innovation is not always accidental. Systematic, formal mechanisms are needed to energize and diffuse innovation for economic development. Rukmal identifies key actors of a National Innovation System (NIS) as universities,

industry and the government. He evaluates the effectiveness of roles played by the actors and their networking relationships through document reviews, surveys, interviews, independent reviews and social network tools.

Data analysis reveal that while the actors' traditional roles are evolving, their effectiveness is yet to reach a desirable level. Interrelationships appear fragmented. Rukmal suggests a simple model with four pillars linked with one connection, to build up a strong NIS for Sri Lanka.

## Chinthanie Weerakoon

### A paradigm shift in computing with the Buddhist Theory of Mind (BTM)

Supervisors: Prof. Asoka Karunananda, Prof. NJG Dias



In the human mind, repetition improves speed and quality of problem solving. According to the BTM, the key to this is the continuously evolving memory. In contrast, in the Von Neumann Architecture (VNA),

memory is separate from processing. Chinthanie believes that this prevents effective utilization of advancements in processors and software.

Following the BTM, Chinthanie introduced the Six-State Continuous Processing Model (SSPM) having external inputs and causal relationships involving previous inputs. Memory grows and organizes itself through this continuous process. SSPM can be applied to enhance the speed and quality of processing in areas such as control systems in aviation.

## Thanuja Silva

### A new model for weekly rainfall

Supervisor: Prof. Sarath Peiris



South Asian countries fall victim to extreme whether events often. High population density, poverty and lack of resources for recovery aggravate the situation. Research shows that over the last 30-40 years, prediction of short

term rainfall has been difficult due to erratic variability and high volatility.

Thanuja studied the variability of weekly rainfall including extreme events, focusing on the south-west monsoon and the second inter-monsoonal periods in Sri Lanka. She developed and validated a model to forecast weekly rainfall in Colombo. Her research outcome is a novel long-range dependency model, whose performance is maintained over a wide range of forecasting lengths.

## Budditha Hettige

### English to Sinhala translation with Multi Agent Technology

Supervisors: Prof. Asoka Karunananda, Prof. George Rzevski



Natural languages are complex, and differ from language to language. This makes automated language translation challenging. There is always a quality gap between human translation and machine translation (MT).

Budditha presents a novel approach to MT that models the human language translation process. His MT system processes morphology, syntax and semantics interactively, like humans, rather than sequentially, as in current MT systems. He applies Multi-Agent Technology to translate English to Sinhala in this way, which he named EnSiMAS. A statistical approach was taken to test the accuracy of translation. The adequacy and fluency of the best solution were evaluated with human support.



## Senior Prof. Kapila Perera on his new appointment as the Secretary to the Ministry of Education [From front page]



The University of Moratuwa is delighted to announce the appointment of former Vice-Chancellor of the University of Moratuwa, Senior Professor Kapila CK Perera as the Secretary to the Ministry of Education who assumed duties in the new post on 17<sup>th</sup> August 2020.

Prof. Kapila Perera obtained his first degree from the University of Moratuwa in 1986 and obtained his Masters and PhD from the University of California. Prof. Kapila Perera served as the Vice Chancellor of the University of Moratuwa from November 2017 to August 2020. Prior

to being appointed as the Vice-Chancellor he served as the Dean of the Engineering Faculty and as the Director – Planning of the University. He had also worked as a lecturer on various subjects including Energy Technology and Environment, Fundamentals of Thermodynamics, Energy Sources and Technology and Heat Transfer Applications in Buildings for undergraduate courses and post graduate courses. The University staff and students congratulate and extend their best wishes to Prof. Kapila Perera on his new appointment.

## The University of Moratuwa obtains an “A” grade for Institutional Review – 2019

[From front page]



The third cycle of the Institutional review (IR) of University of Moratuwa by the University Grants Commission (UGC) was conducted in 2019. The previous two cycles were successfully conducted in 2006 and 2013. The university is privileged to obtain

an “A” grade (the highest possible grade) for this year’s institutional review.

The review process started with the submission of the Self Evaluation Report (SER) in May 2019. In February

2019, a steering committee comprising (not limited to) DVC, Director/Quality Assurance, Deans of Faculties, Registrar, Bursar, Librarian, Senior Academics and Administrative Officers was formed under the leadership of the Vice-Chancellor which worked towards the submission of this SER. The steering committee was supported by Academic-Support Staff, Non-Academic Staff and the Students of the university. Following the submission of the SER, UGC appointed an IR panel comprising of five Senior Professors from five local state universities and an internationally renowned QA expert. The panel visited the university from 16<sup>th</sup> -21<sup>st</sup> December 2019, following their desk evaluation of the SER submitted by University of Moratuwa.

## Appointment for carrying on the duties of the Office of the Vice Chancellor, University of Moratuwa

[From front page]



University Grants Commission appointed the Deputy Vice-Chancellor Prof. PKS Mahanama to carry on the duties of the Office of the Vice Chancellor, University of Moratuwa with effect from 17<sup>th</sup> August 2020 until a permanent appointment is made for the post of Vice Chancellor of the University of Moratuwa.

## Research Initiatives, Accomplishments & Disseminations

### Publication on Tea Waste for Dye Removal at the 4<sup>th</sup> ICRAIR 2020

A paper titled ‘Tea Waste Impregnated with Iron Oxide Nanoparticles for Dye Removal from Aqueous Solutions’, authored by Ms. Pavithri Madhubashani, Ms. Nimni Sewwandi, and Prof. Padma Amarasinghe of the Department of Chemical and Process Engineering of University of Moratuwa was presented at the 4<sup>th</sup> International conference on recent advancements in Interdisciplinary research 2020 (4<sup>th</sup> ICRAIR 2020) on the 8<sup>th</sup> May 2020. This paper has already been published in

International Journal of Advanced Science and Technology Vol. 29, No. 11s, (2020), pp. 740-747. It analyzes the effects of various parameters for the adsorption process and determination of preferred kinetic models based on the equilibrium data obtained from the experimental studies conducted in order to determine the possibility of the removal of Basic Red 18 (BR18) textile dye from aqueous solutions using Magnetic Nanoparticles Loaded Tea Waste (MNLTW).

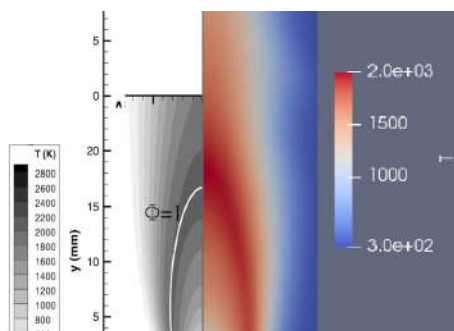
### Publication on automobile wastewater treatment at the 5<sup>th</sup> ICRAIR 2020

A conference publication titled ‘Purification of automobile wastewater using fly ash-clay composite’, authored by Mihiri Dasanayake, Sajith Anushan, Chamath Karunarathna, and Prof. Padma Amarasinghe of the Department of Chemical and Process Engineering of University of Moratuwa was presented at the 5<sup>th</sup> International conference on recent advancements in Interdisciplinary research 2020 (5<sup>th</sup> ICRAIR 2020) on the 25<sup>th</sup> July 2020. This paper has already been published in Advances

in Mathematics: Scientific Journal 9 (2020), no.9, 6631–6639 ISSN: 1857-8365 (printed); 1857-8438 (electronic). It focuses on the determination of optimum fly ash to clay ratio, preferred kinetic models and adsorption isotherms based on the experimental studies conducted to analyze the suitability of using the adsorbent fly ash-clay composite for the treatment of automobile service station wastewater.

## Research Initiative with the Technische Hochschule Nürnberg Georg

Simon Ohm, Germany



A new research initiative with the aim of development of emission control mechanism for a biogas combustion system was established on 21<sup>st</sup> April 2020. This research project will be carried out under the joint supervision of Prof. Mahinsasa Narayana of the Department of Chemical and Process Engineering, University of Moratuwa and Prof. Christoph Bayer of

the Technische Hochschule Nürnberg Georg Simon Ohm, Germany. Its objective is to numerically model and simulate mixing and combustion reactions in a computational fluid dynamics platform to analyze biogas combustion under various combustion regimes.

## Academic Programs

### Moratuwa Engineering Research Conference (MERCon) 2020



The 6<sup>th</sup> Moratuwa Engineering Research Conference (MERCon 2020), an international conference organized by the Engineering Research Unit (ERU), was

successfully held as a virtual conference from 28<sup>th</sup>-30<sup>th</sup> July 2020. The program included 114 papers selected from 272. Double-blind review process is followed in

the review process by the technical program committee (TPC) led by program chairs and track chairs including additional reviewers. All accepted and presented papers were submitted to IEEE Xplore database (link: All proceedings can be accessed at IEEE Xplore via <https://ieeexplore.ieee.org/xpl/conhome/1807364/all-proceedings>).

Keynote speeches were delivered by Prof. Dzung V Dao, Griffith University, Australia, Prof. Soumyajit Mandal, University of Florida, USA, and Prof. Suranga Nanayakkara, The University of Auckland, New Zealand. Moreover, four workshops were hosted by both local and international researchers and industry experts.

### Department of Architecture won both AYDA Gold Awards in Architecture and Interior Design categories



Mr. MBCM Gawarammana won the Gold Award for the Architecture category and Sangeerthan Raweendran won the Gold Award for the Interior Design category at the aforementioned competition in Malaysia. In addition, Department of Architecture won Silver award and commendations as well.

# Academic & Industry Collaboration

## Renewal of industrial collaboration with the DSI Samsons Group



The 9-year long product and process development research partnership between the University of Moratuwa, the Uni-Consultancy Services (UNIC) of the University of Moratuwa, and the DSI group of companies was renewed on the 27<sup>th</sup> July 2020. Through this renewal, D. Samson Industries (Pvt.) Ltd. also joined the industrial collaboration.

The key feature in this partnership is the UOM-SIL Rubber Products and Process

Development Incubator which are located in the Department of Chemical and Process Engineering of the University of Moratuwa (DCPE-UOM). Prof. Kapila Perera (Vice-Chancellor) and the administrative staff, Prof. Anuruddha Puswewala (Chairman - UNIC) and UNIC staff, Dr. Kulatunga Rajapaksa (Managing Director – Samson International PLC), Mr. Kasun Rajapaksa (Managing Director – Samson Compounds (Pvt.) Ltd. and D. Samson Industries

(Pvt.) Ltd.), Mr. Dilshan Rajapaksa (Director – DSI group of companies), Prof. Shantha Walpalage (Head of DCPE-UOM) and the DCPE-UOM academic staff, Prof. Jagath Premachandra (Director/ UOM-SIL incubator), Mr. WA Cyril (Director - Projects/ UOM-SIL incubator) and other incubator staff members were present at the event.

## M7 Meeting: EUSL Energy Project



EUSL energy project intends to spearhead a fully integrated collaboration between the partner universities in Sri Lanka and the universities in the European Union. The main outcome of the project will be a new Master's degree program in energy circular economy which gives the graduates the knowledge, skills, creativity, competences and business-perspective to solve the future energy-related challenges in the country in an environmental and financially sustainable manner.

The first progress meeting was originally planned in Stockholm, Sweden. However, due to Covid-19 the meeting was held online from 29<sup>th</sup> June to 3<sup>rd</sup> July

2020. Senior Professor Ajith de Alwis, Prof. PG Ranthasiri, Prof. Mahinsasa Narayana, Dr. (Mrs) Sanja Gunawardena, Dr. (Mrs) Duleeka Gunarathna, Dr. Mahinsasa Rathnayaka, Dr. (Mrs) Dilhara Sethunga and Dr. Thushara Subasinghe participated at the 5 day online meeting to report the updates from University of Moratuwa. Dr. Mahinsasa and Dr. Thushara presented the progress of work packages which are under University of Moratuwa. More information regarding the EUSL energy project can be obtained by visiting

## Academic collaboration with Narbonne, France



Prof. PG Rathnasiri from the Department of Chemical Engineering has established an international collaboration with laboratory of environmental biotechnology, Narbonne, France.

Under this collaboration, Praveen Weerasooriya ( a research student) completed a six-month internship from September 2019 to April 2020 conducting experiments on anaerobic digestion of high solid lignocellulosic materials which are related to his research.

## In alignment with the internationalization strategy



In line with the internationalization strategy of the University of Moratuwa, the Department of Textile and Clothing Technology is collaboratively working with the Birmingham City University (BCU), United Kingdom, as the host institution of a staff mobility project funded by the International Credit Mobility Scheme, Erasmus +. The project enables visiting staff to get actively involved in teaching,

learning and assessment activities within the fashion and textile design curriculum. The outgoing UOM staff will also be particularly benefitted by the social, cultural and fashion consumer exposure which are essential for teaching in B. Design programme. The incoming BCU academic staff will be exposed to the strong export apparel manufacturing culture in Sri Lanka.

This project has been coordinated by Dr. Dilusha Rajapakse (BCU), and Dr. Sumith Gopura (UOM) under the guidance of Prof. Gihan Dias, Director, International Relations (UOM) and Prof. Samudrika Wijayapala, Head of the Department of Textile and Clothing Technology. The first mobility under this project was successfully completed by Dr. Jayamali De Silva visiting BCU for three weeks between February and March 2020.

## Student Achievements

**Overall Best Presentation award** - The International Conference on Architecture and Civil Engineering



Mr. Sampath Abeygunasekara, postgraduate student supervised by Dr (Mrs.) JCPH Gamage, Department of Civil Engineering, University of Moratuwa, won the best paper award for research Paper titled “ Innovation and fabrication of low-cost three point, cyclic flexural test apparatus for structural engineering laboratory applications” at the international Conference of Civil Engineering and Architecture 2020 (ACE) under the theme “Building the World with Innovative Structures towards a Sustainable Future” held in Swiss Garden Hotel, Bukit Bintang, Kuala Lumpur, Malasiya on 12<sup>th</sup>-13<sup>th</sup> March 2020 .

**BEST ORAL PRESENTATION** - Architecture and Civil Engineering



Ms. Aaruga Selvaratnam, postgraduate student supervised by Dr. (Mrs.) JCPH Gamage, Department of Civil Engineering, University of Moratuwa, won the best oral presentation award on her Undergraduate research project, the paper titled “Effect of anchorages on flexural behaviour of carbon fiber reinforced polymer (CFRP) – strengthened reinforced concrete curved

## Representative of the special Task Force on Transport Services Management

Dr. HR Pasindu and Dr. Dimantha De Silva were appointed as representatives of the special Task Force on Transport Services Management at Ministry of Transport Services Management in May 2020. The purpose of this Task Force is to coordinate with all the relevant stakeholders to plan, implement, regulate and enforce a transport plan which is ideal for a post-Covid future.

## Conferences & Symposium

**Research presentation at the International Conference on Frontiers in Chemical Technology**



Mr. Susiri Costa, Lecturer (Probationary) at Department of Chemical & Process Engineering presented his research under the topic “Deep learning model to classify active and inactive ingredients in drugs” at the 1<sup>st</sup> International Conference on Frontiers in Chemical Technology held at Institute of Chemistry Ceylon on 20<sup>th</sup> -22<sup>th</sup> July 2020. The model was based on artificial intelligence technique using physical and chemical properties of active and inactive compounds that can be used as a primary filter in drug designing process.

beams at 75<sup>th</sup> Annual sessions of Sri Lanka Association for the Advanced Science 2019 – Session C (Engineering, Architecture, and Surveying).



## All three winners from Moratuwa- COVID19 Design Competition by IMechE Sri Lanka Group

[From front page]



The Institution of Mechanical Engineers (IMechE) Sri Lanka Group has organized

the young members to battle the global crisis. The final evaluation was held online

a competition to explore the IMechE Young Members' design skills to fight COVID-19 pandemic. The objective has been to assess the design strengths of

on 29<sup>th</sup> May 2020. The teams from the Department of Mechanical Engineering have secured first, second, and third places of the competition getting certificates and cash awards of Rs. 50,000/-, 30,000/- and 15,000/- respectively. The panel of judges were representatives of engineering higher education, engineering industry, and healthcare sector. The cash award winners were required to use the prize money in making prototypes of their designs.

## IMechE SOfE – 2020 country winner again from Moratuwa for the 3<sup>rd</sup> consecutive time

[From front page]



Shenal Theekshana, an undergraduate of the 17<sup>th</sup> batch of the Department of

Mechanical Engineering won the Speak Our for Engineering (SOfE) national rounds held online on 08<sup>th</sup> August 2020. He spoke on the topic "Green Transportation for a Better Tomorrow" sharing his experience as a member of FalconE racing team of the Department. The competition was organized by the Institution of Mechanical Engineers (IMechE) Sri Lanka group and it was the first time that SOfE went online. There were 6 participants from student chapters representing the Universities of Ruhuna,

Peradeniya, and Jayawardenapura. This is an annual competition organized across the world by IMechE to enhance speaking skills of engineers and motivate young members to excel in their careers. This is the 3<sup>rd</sup> consecutive time the Moratuwa Student Chapter became the national winner. Shenal will be participating in the SOfE Southern Asia Regional finals with contestants from India and Bangladesh.

## Team MORA Phoenix won the 'Equal Engineers and IMechE' COVID19 Student Challenge

[From front page]



Team MORA Phoenix, a group of Mechanical Engineering undergraduates won the first place under the higher education category of 'COVID19 Student Challenge' organized by 'EqualEngineers' in partnership with IMechE, UK among over 100 unique entries across the world. Entries have been submitted from countries around

the world including the UK, USA, Spain, Nigeria, Palestine, Sri Lanka, Pakistan, Malawi, United Arab Emirates, Papua New Guinea and Bangladesh. The COVID19 Student Challenge tasked young people to develop innovative solutions to problems facing their communities as a result of the coronavirus pandemic. Team MORA Phoenix

has presented their idea for a lightweight, easy to manufacture vest integrated with a cooling system designed to keep healthcare workers comfortable in hot weather conditions while wearing hazmat suits and personal protective equipment.

## Electrical Engineering Undergraduate Students Received ENG. EW Karunaratna Award – 2019/2020 for Best Undergraduate Project

The Institution of Engineers, Sri Lanka (IESL) awards 'ENG. EW Karunaratna Award' for the best undergraduate project in Electrical Engineering across engineering faculties in Sri Lanka. This year, the project "Develop a Series Arc Fault Detector to Minimize the Risk of Domestic Electrical Fires", done by a group of students in the Department of Electrical Engineering, University of Moratuwa, received the award. The group members were, SP Somathilaka, NT Senarathna, HE Hewapathirana and WMKS Sumathipala. The project was supervised by Prof. JR Lucas, Prof. KTMU Hemapala and Dr. PS N De Silva. The winners will be presented the award at the 2020 IESL Induction and Graduation Ceremony.

**Asia Young Designer Award  
(Architecture Category)  
-2019/2020 -The best  
Design Impact Award  
(International level) &  
Gold Medal (National level)**



Mr. MBCM Gawarammana of Department of Architecture won both 'The best Design Impact Award (International level)' & 'Gold Medal ( National level)' at AYDA (Asia Young Designer Award Competition organized by NYPPON Paint for his final year Comprehensive Design Project, 2019, 'Cultural and Industrial Exposure, Gem Promotional Center @ Rathnapura'.

The whole award winning design project was based on the theoretical position in which, additive architectural components can lead to reflect any cultural statement while fulfilling the fictional aspects which relates. The main idea behind this design thesis is to reveal the real treasure in the gem industry which the majority fail to see. The project has come up with a methodology to promote gem industry in the best possible manner.

**The UoM Wins the 1<sup>st</sup> Runner Up Award in the  
SP Cup 2020**



The UoM team won the 1st runner up award in the signal processing cup (SP Cup) 2020 competition affiliated to the International Conference on Acoustics, Speech, and Signal Processing (ICASSP), virtually held in Barcelona, Spain, from May 4<sup>th</sup> to 8<sup>th</sup>, 2020. The winning team comprised six undergrads of the Department of Electronic and Telecommunication Engineering (ENTC), and four undergrads of the Department of Computer Science and Engineering. Mr. Dumindu Tissera (a PhD candidate of the ENTC)

Dr. Chamira Edussooriya (ENTC) tutored and supervised the team respectively.

The SP Cup competition is an annual event organized by the IEEE signal processing society to encourage students to solve real-world problems using signal processing techniques. It is held as a sub event of the ICASSP, which is the world's largest and most comprehensive technical conference focused on signal processing and its applications, with more than 1500 research paper presentations each year.

**Staff Achievements**

**Professional Appointment  
of Dr. (Mrs.) Sanja  
Gunawardena**



Dr. Sanja Gunawardena was appointed as a consultant of Bio System Engineering in Sri Lanka technological Campus on 12<sup>th</sup> March 2020.

As an academic collaboration with University of Colombo, Dr. Sanja Gunawardena has worked as a review panel member for final year dissertations for Department of Plant Sciences, University of Colombo.

**Professor Ajith de Alwis  
appointed to the 'HackaDev  
COVID-19 Innovation  
Challenge' evaluation  
committee**



Senior Professor Ajith de Alwis of the Department of Chemical and Process Engineering was appointed as a member of the committee to evaluate COVID-19 related innovations by the United Nations Development

Program in Sri Lanka. This initiative will be conducted as 'HackaDev COVID-19 Innovation Challenge' in partnership with the Ministry of Higher Education, Technology and Innovation, Coordinating Secretariat for Science, Technology and Innovation (COSTI), Sri Lanka Inventors Commission (SLIC), the Vocational Training Authority (VTA), the Sri Lanka Institute of NanoTechnology (SLINTEC), University of Moratuwa, Dialog Ideamart, PwC Startup Accelerator, Startup X Foundry, CISCO Networking Academy, Youth Co:Lab and the Citra Social Innovation Lab, with a number of other partners.

## Professor Ajith de Alwis appointed to the SLIC COVID-19 related inventions evaluations committee

Senior Professor Ajith de Alwis of the Department of Chemical and Process Engineering was appointed as a member of the committee to evaluate COVID-19 related inventions by the Sri Lanka Inventors Commission (SLIC) of the State Ministry of Skills Development, Vocational Education, Research and Innovations.

## Best Paper Award



Mr. Akila Pramodh Rathnasinghe, Lecturer, Department of Building Economics and Mr. Mahesh Abeynayake, Senior Lecturer of the same Department, won the Best Paper Award for the paper titled “Impact of Environmental Law and Physical Planning Law to the Construction Projects in Sri Lanka” at the 10th International Conference on Industrial Engineering and Operations Management 2020, Dubai, UAE.

## Clubs & Societies

### University of Moratuwa wins 4 Awards at the 2020 National Awards Night of AIESEC in Sri Lanka



At the 2020 National Awards Night of AIESEC in Sri Lanka, AIESEC in University of Moratuwa was awarded the awards for Excellence in Incoming Global Volunteer,

## Editorial Board of Reputed Journals



Prof. Ruwan Gopura has been invited to the editorial boards of two reputed journals: International Journal of Electrical and Computer Engineering and Applied Bionics and Biomechanics.

The International Journal of Electrical and Computer Engineering (<http://ijece.iaescore.com/index.php/IJECE/index>) is open to submission from scholars and experts in the wide areas of electrical, electronics, instrumentation, control,

telecommunication and computer engineering from the global world. Applied Bionics and Biomechanics journal (<https://www.hindawi.com/journals/abb/>) publishes papers that seek to understand the mechanics of biological systems, or that use the functions of living organisms as inspiration for the design of new devices. Such systems may be used as artificial replacements, or aids, for their original biological purpose or in a different setting altogether. As well as original research, Applied Bionics and Biomechanics also publish focused review articles that examine the state of the art, identify emerging trends, and suggest future directions for developing fields.

### Prof. Sisil Kumarawadu to Serve as the Chairman of the BoG-ACCIMT



(ACCIMT) from February, 2020. Prof. Kumarawadu is a Senior Professor in the Department of Electrical Engineering.

Prof. Sisil Kumarawadu has been appointed as the Chairman of the Board of Governors of Arthur C. Clarke Center for Modern Technologies

### Appointments to Governing Boards



effect from 3 March 2020 for a period of 5 years.

Prof. Ananda Jayawardena was appointed as a Member of Board of Management of the National Science Foundation as a representative of the UGC by the Minister of Science Technology and Innovation for a period of three years with effect from 3<sup>rd</sup> July 2020.

Prof. Ananda Jayawardena was appointed as a Member of Board of Management of the Arthur C Clarke Institute for Modern Technologies as a representative of the UGC by the Minister of Science Technology and Innovation for a period of three years with effect from 27<sup>th</sup> May 2020.

### Annual General Meeting of the Electrical Engineering Society

The 24<sup>th</sup> Annual General Meeting of the Electrical Engineering Society (EESoc) of University of Moratuwa was held on 11<sup>th</sup> March 2020 at the Electrical Engineering seminar room.

Academic staff led by the Head of the Department, Prof. S Kumarawadu together

with the undergraduate students of the Department of Electrical Engineering were among the gathering. The new board of members for the year ahead was appointed and resumed their duties with the warm wishes of the retiring members of the board who served immensely towards the betterment of the society and the department through many successful events including the annual charity programme 'We Are With You', the International Conference EECon, as well as the impressive Round Table Conference.

The new board is headed by Dr. Thushara Rathnayaka as the President and Dr. WD Prasad as the Senior Treasurer consisting of eight members from the final year undergraduate students. The AGM was followed by an entertainment session which reflected the talents of undergraduates of the Department of Electrical Engineering.

## Explorer 2.1: an interactive session organized by the R4U Club, Department of Chemical and Process Engineering



'Explorer 2.1', the introductory session of the "Explorer" series for the year 2020/2021 was organized by the Research for Undergraduates (R4U) Club of the Department of Chemical and Process Engineering, University of Moratuwa.

The event was held on 15<sup>th</sup> August 2020 via Zoom and conducted by the guest speaker, Mr. Heminda Jayaweera, the CEO of SLINTEC and an alumnus of University of Moratuwa. The session was on "Research and innovation for national value creation", which included the existing gap between Sri Lankan economy and research and innovation as well as how to overcome it. Furthermore, the session covered the global economic aspects related to research and innovation and how chemical and process engineering could support the nation's economic growth. The audience for the session were undergraduates of UoM and the academic staff members of DCPE, and an interactive question and answer session followed.

## Community

### Outreach

#### Provision of support for the students in need during the COVID-19 outbreak

The Civil Engineering Society implemented an initiative to help civil engineering students who were facing hardships during the lockdown triggered by the spread of Covid-19. An initiative was launched in May 2020 together with the academic staff and the alumni to help students of all batches.

## Society & Community Responsive

### Activities

#### Donations of University of Moratuwa Staff Members, ERE Alumni and one external donor

An ERE student who was recently disabled due to a train accident in February 2020 is able to move with Prosthetics (Hydraulic Knee -Mercury Hi-activity endolite, Low profile foot with split toe springs for energy Responses-Esprit). This was made possible by donations of University of Moratuwa Staff Members, ERE Alumni and one external donor.



## Extra-Curricular & Activities

### Home Alone 2020 by FIT

Home Alone 2020 was a mini-hackathon organized by the Student Union of the Faculty of Information Technology with volunteers from the Batch 17. It is the first-ever global open and online hackathon organized by the Faculty of Information Technology. The competition was held for three days from 2<sup>nd</sup> to 5<sup>th</sup> of April.

1788 participants from 423 teams registered for the competition including teams from countries such as Nigeria,

Ghana, and Malaysia. First three winners of the competition were given cash prizes and all participants received e-certificates. Following are the members of the first three places of Home Alone 2020: Team CodeBreakers which consisted of Deepana Ishtaweera, Sunera Chandrasiri, and Budvin Edippuliarachchi who won the first place. Team KOS comprising of Oshada Jayasinghe, Kalana Abeywardena and Sakuna Jayasundara from University

of Moratuwa won the second place while team RT-PCR20 won the third place and team members of team RT-PCR20 were Wageesha Erangi, Ruchin Amaratunga from University of Moratuwa and Ravindu Akalanka from LSEG Technology.

## CodeRush 2020

“CodeRush 2020 – Intra Faculty online coding competition” was a hackathon organized by the Information Technology Society (INTECS) for the undergraduates of the Faculty of Information Technology. This year’s event organizers were INTECS committee members of Batch 18. The competition was held online for two days from the 27<sup>th</sup> of June to the 28<sup>th</sup> of June 2020.

Winners of the competition were; AlphaX from Batch 18 (1<sup>st</sup> place) , blackOrder from Batch 16 (2<sup>nd</sup> place), !SyntaxError from Batch

18 (3<sup>rd</sup> place). Merit Winners were Inferno Squad from Batch 18, CodeDreamTeam from Batch 17, CodeIt from Batch 17, Hackslash1 from Batch 19, and Code\_Riders2 from Batch 18. Meme Challenge winners were Gimsara Kulathunga from Batch 18, Thisaru Dilshan from Batch 18, and Bhatiya Amarasinghe from Batch 18. Kahoot Challenge winners were Chamal Silva from Batch 18, Gavindu Chirandi Alwis from Batch 19, Vinura Chandrasekara from Batch 18. All the winning teams were awarded cash prizes and all the participants received e-certificates.

## Virtual Engagement

### Webinar on Post - COVID Engineering Education in Sri Lanka

A Webinar on Post-COVID Engineering Education in Sri Lanka was held on 16<sup>th</sup> July 2020. It was co-organized by IEEE Sri Lanka Section, Department of Mechanical Engineering, University of Moratuwa and IMechE Sri Lanka group. An expert panel comprising, Prof. A Atputharajah, Prof. Janaka Ekanayake, Prof. JP Karunadasa and Prof. Leelananda Rajapaksha moderated by Prof. Ananda Jayawardena discussed the contextual challenges and explored the opportunities in Sri Lankan engineering higher education. The objectives of the webinar were to

critically discuss specific characteristics of engineering education, to elaborate Post-COVID engineering education techniques and their applicability and to assess the effectiveness of the quality of delivery and meeting accreditation requirements. The webinar targeted decision makers in engineering higher education, educators in engineering, students in engineering higher education and other relevant stakeholders of the industry. Prof. Ruwan Gopura and Dr. JR Gamage co-hosted the webinar.

### Talk on the International Webinar titled Enabling Technologies & Emerging Robotics Use Cases

Prof. Ruwan Gopura of the Department of Mechanical Engineering delivered a talk on “Robotic Exoskeletons for Assisting Lower Limb Motions” in the International Webinar Organized by PRIST University, India on 21<sup>st</sup> July 2020. The theme of the webinar was “Enabling Technologies & Emerging Robotics Use Cases”. The webinar was organized to familiarize attendees around the world with state of the art robotics technologies. Recent advancements in enabling technologies including novel mechanisms and materials, system of system design frameworks, component robotic technologies and theories for autonomous control were also discussed.

### Discussion on “How supply chain is going to be transformed with COVID 19 pandemic” by Dr. Asanka Rathnayake



The Society of Transport and Logistics of the Department of Transport and Logistics Management, University of

Moratuwa, was able to successfully conduct a webinar with the Director of Hayleys Advantis Limited, Dr. Asanka Rathnayake as the resource person on 19<sup>th</sup> August 2020.

Dr. Asanka Rathnayake clearly explained the strategies followed by Hayleys during the pandemic to continue the business operations. Toward the latter part of the discussion, the undergraduates were able to learn about the impact of post-COVID

## FIT Online Vesak Zone

### “පුරාවිචිතය”

With a view to celebrating Vesak festival during Covid 19 lockdown, Student Union of the Faculty of Information Technology organized an online Vesak competition called “පුරාවිචිතය”. It was held from 7<sup>th</sup>-10<sup>th</sup> May 2020. Competition consisted of several segments: Vesak quiz and the best Vesak lantern, artwork, Vesak poetry, Vesak graphic creation and Vesak photography. Forty-five competitors participated at the event showing their enthusiasm and interest. First three places were selected under each category and they received e-certificates from the organizing committee.

19 phases on supply chains. Moreover, the use of technology to address supply chain issues faced during the pandemic was elaborated.

### CILT Sri Lanka Ideathon 2020 competition

Chartered Institute of Logistics and Transport (CILT) Sri Lanka provided a platform for the first time to tackle supply chain, transport, and logistics challenges during the Covid-19 pandemic situation. The entire competition was held virtually from 22<sup>nd</sup> April to 2<sup>nd</sup> May 2020. Fifty-three submissions were received within 03 days, including countries such as the USA, Nigeria, India, Malaysia, Oman, Canada, and Sri Lanka.

Team Meraki, a group of three students from the Department of Transport and Logistics Management, won the competition. Their idea was to promote safe, secure, and efficient public transport as an emergency response model which is vital in during pandemic. The members of the winning team were Buddhi Weerasinghe (TLM), Kasuni Weerasinghe (TLM), and Ganisha Premarathne (TLM).

### Green Talk webinar for the Green Building Council of Sri Lanka Program by INTECS

A ‘Green Talk’ webinar on the topic ‘3P and the Pandemic’ was delivered by Senior Professor Ajith de Alwis of the Department of Chemical and Process Engineering, University of Moratuwa on 27<sup>th</sup> April 2020 via Zoom. This webinar was organized by the Green Building Council of Sri Lanka.

## Speaker of the International COVID 19 Congress 2020

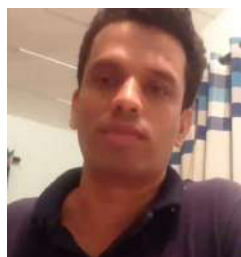


Prof. Ruwan Gopura of the Department of Mechanical Engineering delivered a speech on 10<sup>th</sup> August at the Industry-Academia Innovation Forum of the International COVID 19 Congress organized by the IEEE Bangladesh Section. His speech focused mainly on the role of roboticists during the COVID 19 pandemic and applications of robots during and after COVID 19 pandemic.

## Guest Lecture on “Steel Buildings Design, Specifications and Estimating”

An online guest lecture on “Steel Buildings Design, Specifications and Estimating” was delivered to Level II Quantity Surveying and Facilities Management undergraduates of Department of Building Economics on 20<sup>th</sup> May 2020 by Mr. Kemantha Perera, General Manager; Mr. Asitha Darshana, Technical Manager and Mr. Lalindra Sandeepa, Civil Engineer from BlueScope Lysaght Lanka (Pvt) Ltd.

## Invited Speech on Virtual Conference Organizers’ Panel



Prof. Ruwan Gopura of the Department of Mechanical Engineering shared his experiences in the 1st virtual online panel (VCOP 2020) in IEEE Region

10 (Asia Pacific) where all concerned stakeholders shared the expectations, challenges and possible solutions in a Full Virtual Technical Conference as opposed to traditional face to face technical conferences. The event was organized by IEEE Bangladesh Section.

## Guest Talk on “Philosophical Position and the Generalisability of Case Study Research Findings”

Building Economics and Management Research Unit (BEMRU) virtually conducted its 66<sup>th</sup> research colloquium on “Philosophical Position and the Generalisability of Case Study Research Findings” on 18<sup>th</sup> May 2020. The guest speaker was Dr. Aparna Samaraweera, Senior Lecturer, University of South Australia. The presentation was followed by a lively discussion on the philosophical positions and other matters related to research methodology.

## Guest Lecture on “Preparation of Specifications and Preambles”

An online guest lecture on “Preparation of Specifications and Preambles” was delivered to Level IV Quantity Surveying undergraduates of the Department of Building Economics on 28<sup>th</sup> May 2020 by Ch.QS (Mrs) Anoma Gunasekera, Director, CLAG Consultancy (Pvt) Ltd.

## Guest Lecture on “Role of Quantity Surveyor in a construction project”

An online guest lecture on “Role of Quantity Surveyor in a construction project” was delivered to the Level I Quantity Surveying undergraduates of the Department of Building Economics on 1<sup>st</sup> June 2020 by Ch.QS Nishantha Wickramasinghe, Director of Construction Cost Management (Pvt) Ltd.

## Guest Talk on “Academic Letter, Memos and Meeting Minutes preparation”

Building Economics and Management Research Unit (BEMRU) virtually conducted its 67<sup>th</sup> research colloquium on “Academic Letter, Memos and Meeting Minutes preparation” on 19<sup>th</sup> June 2020 through virtually. The guest speaker was Dr. Thanuja Ramachandra, Senior Lecturer, University of Moratuwa.

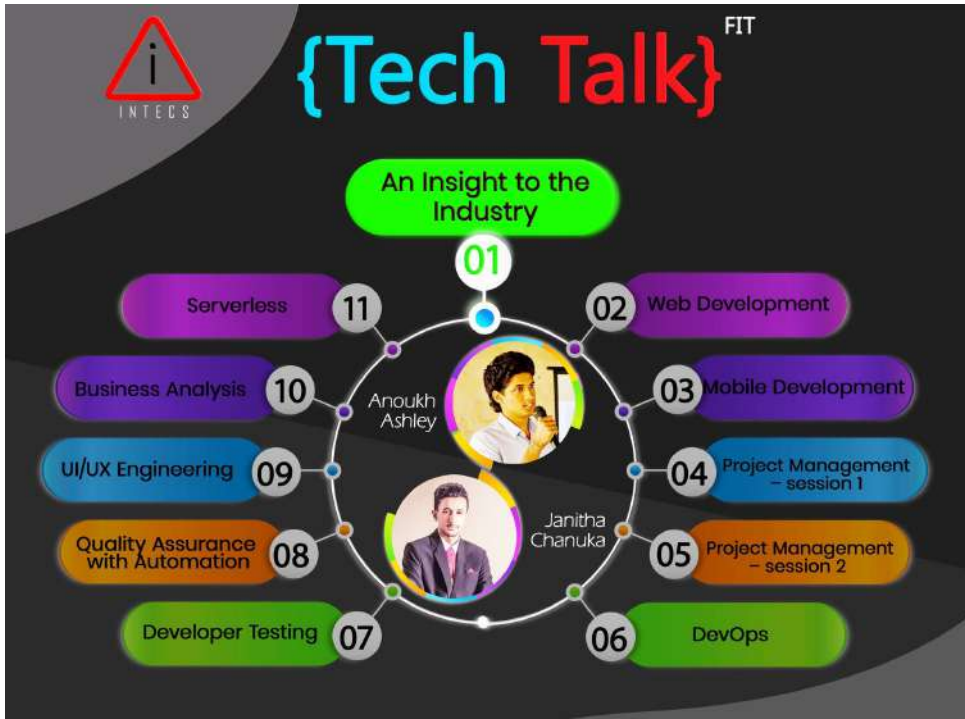
## University of Moratuwa Performance 1<sup>st</sup> Virtual

Taekwondo National Championship Organized by Sri Lanka Taekwondo Federation. 08<sup>th</sup> to 10<sup>th</sup> August 2020

University Category Female		
Yellow	HGNP Amarathunga	2 <sup>nd</sup>
	KPSY Karunanayaka	3 <sup>rd</sup>
Green	KAS Wijesooriya	1 <sup>st</sup>
Blue	GHAHN de Silva	1 <sup>st</sup>
	WMBM Wijekuruppu	3 <sup>rd</sup>
	BPDV Jayaweera	3 <sup>rd</sup>
University Category Male		
Blue	SP Randoombage	1 <sup>st</sup>
	LM Chethiyawardhana	2 <sup>nd</sup>
	KMSDS Thalkotuwa	3 <sup>rd</sup>
Open Category Female		
Under 30 yellow	HGNP Amarathunga	2 <sup>nd</sup>
	KPSY Karunanayaka	3 <sup>rd</sup>
Under 30 blue	WMB Madumali	1 <sup>st</sup>
	GHAHN de Silva	2 <sup>nd</sup>
Under 30 black	GHAHN de Silva	2 <sup>nd</sup>
	RADN Rajapaksha	1 <sup>st</sup>
Open Category Male		
Under 30 male blue A group	LM Chethiyawardhana	2 <sup>nd</sup>
Under 30 male blue B group	SP Randoombage	1 <sup>st</sup>

## Discussion on “Impact of COVID 19 for Port Operation and Logistics” by Mr. Pushpika Walpola

Mr. Pushpika Walpola, Manager- Logistics at Sri Lanka Port Authority (SLPA), conducted a lecture on 30<sup>th</sup> April 2020. He is an expert in the area of Shipping Logistics, and he spoke on “Impact of COVID 19 for Port Operation and Logistics”.



INTECS TechTalk is a series of meetups organized for the undergraduates of the Faculty of Information Technology with the aim of keeping students updated and providing more exposure to the industry and trending technologies. This project was announced in 2020 by the Information Technology Society (INTECS) of the Faculty of Information Technology and the sessions were made available via zoom for free. INTECS TechTalk was planned to be held as a series of meetups with the collaboration of professionals

**Discussion on “What industry expects from a TLM undergraduate during the internship” by Mr. Chandana Weerabahu**



Mr. Chandana Weerabahu, Director of Supply Chain at Hemas Manufacturing (Pvt) Ltd, conducted the guest lecture on 4<sup>th</sup> August 2020.

This initiative was especially meant for 17 and 18 batches of the Department of Transport and Logistics Management who are ready to start their internships. He delivered the session under the theme “What Industry Expects from a TLM Undergraduate during the Internship.”

from the industry. The first session of INTECS TechTalk- “An Insight to the Industry” was held on 23<sup>rd</sup> May 2020. The session was a discussion on opportunities and new trends in IT Industry in both global and local contexts and the session was addressed by the speakers, Mr. Anoukh Ashley Jayawardana, a senior software engineer from Crimsonlogic Pte(Ltd) and Mr. Janitha Chanuka Wijekoon, a senior software engineer from Ateamsoftware Pvt(Ltd).

**Discussion on “Transitioning to the New Normal as an Undergraduate” by Dr. Ranil Sugathadasa**

A guest lecture was conducted by Dr. Ranil Sugathadasa to address the issues pertaining to COVID-19 on 10<sup>th</sup> July 2020 with the participation of 195 students representing all four batches of the Department of Transport and Logistics Management. The program was initiated under two phases. In the first phase, students were asked to describe issues faced due to COVID- 19 pandemic. The data was collected by sending out a google sheet through the semester instructors and batch representatives. In the second phase, the session was conducted under the topic of “Transitioning to the New Normal as an Undergraduate.”

**An Abstract Guide to Level 2 Project: The Guest Talk**



Information Technology Society (INTECS) of Faculty of Information Technology organized a zoom session for level 2 students

of the faculty to provide an abstract guide for their level two project. This session was conducted on 20<sup>th</sup> June 2020. Mr. Tharindu Ranaweera, Software Engineer at Sysco Labs was the guest speaker of the session. He is an alumnus of Faculty of Information Technology. Under the guidance of Dr.Lochandaka Ranathunga and Dr. Supunmali Ahangama, from Department of Information Technology and with the immense support of INTECS committee members the session came to an end with the participation of more than 250 participants.

**LinkIT - The Knowledge Sharing Program by INTECS**

LinkIT - The Knowledge Sharing Program was initiated by the INTECS, the Information Technology Society of the Faculty of Information Technology during COVID-19 with the aim of promoting article writing skills of the faculty's undergraduates. It also encouraged non-writers to start their technical-writing journey by creating a platform where such articles written by the students of Faculty of Information Technology are recognized.

While LinkIT is open to the undergraduates at the Faculty of IT, it is one of the well sought after programs by the faculty's students. LinkIT as mentioned earlier, carries out two simultaneous programs to promote student writing through the Facebook page and also the exclusive Medium publication. While the Facebook page promotes articles under any subject area, the Medium publication is more focused on technology based articles that makes it a niche publication.

## Attended ALT's first virtual Summer Summit

Anuradha Peramunugamage, Programmer cum Systems Analyst attached to undergraduate studies division of Faculty of Engineering, University of Moratuwa attended ALT's first virtual Summer Summit, 26<sup>th</sup>-27<sup>th</sup> August 2020. The leading professional body for Learning Technology in the UK, Association for Learning Technology (ALT) has organized the Summer Summit to champion the work of community and to share useful resources to help with the start of the next academic

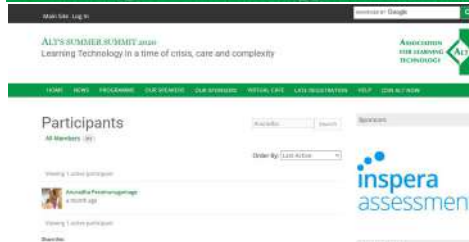


## Appointments & Promotions

### Dean faculty of Business



**Prof. SWSB Dasanayake** has been appointed to the Dean faculty of Business for a period of three (03) years with effect from 17.09.2020



year during a global pandemic. The theme of the summit is exploring Learning Technology in a time of crisis, care and complexity. Hundreds of participants from

over 25 countries participated in the event. There were 40 sessions over two days. Some themes were Higher Education during COVID times, Open Educational Practices, Caring in Practice: digital wellbeing, Strategies for coping with teaching during a crisis, etc. Global OER Graduate Network [GO-GN] funded her to participate for the summit. Selected from 100+ application 20 applicants were selected.

### Directors



from 07.11.2019

**Dr. (Ms.) TC Sandanayake** has been appointed to the post of Director/ Postgraduate Studies of the Faculty of Information Technology for a period of three (03) years with effect



from 26.12.2019.

**Dr. (Ms.) S Ahangama** has been appointed to the post of Director/ Undergraduate Studies of the Faculty of Information Technology for a period of three (03) years with effect



**Prof. PGV Dias** has been appointed to the post of Director/International Relations for a period of four (04) months with effect from 12.07.2020.

### Promotions



**Dr. ND Jayaweera** has been promoted to the post of Professor in the Department of Mechanical Engineering with effect from 11.06.2018.



**Dr. (Ms.) LWN Arachchige** has been promoted to the post of Senior Lecturer Grade I in the Department of Electrical Engineering with effect from 02.05.2019.



**Prof. SR Munasinghe** has been appointed to the post of Director/Enterprise (On part – time basis) with effect from 17.04.2020.



**Ms. DMPP Dissanayake** has been Confirmed in the post of Lecturer (Probationary) with effect from 17.12.2013 and promoted to the Post of Senior Lecturer Grade II in the Department of Building Economics with effect from 31.03.2019.



**Dr. HHMP Rathnayake** has been confirmed in the post of Lecturer (Probationary) with effect from 02.05.2013 and promoted to the post of Senior Lecturer Grade II in the Department of Chemical & Process Engineering with effect from 09.04.2019.



27.02.2020.

**Ms. GTI Karunaratne** has been appointed to the post of Director/Quality Assurance of the Faculty of Information Technology for a period of three (03) years with effect from

### New Appointments

**Ms. RMAS Rathnayake** has been appointed to the post of Career Guidance Counsellor in the Career Guidance Unit with effect from 01.12.2019.





**Mr. EMMS Ekanayake** has been promoted to the post of Curator (Landscape) Grade II with effect from 15.07.2018.



**Mr. BH Perera** has been promoted to the post of Senior Assistant Registrar (Library Service) in the Library with effect from 02.07.2017.



**Ms. SU Gamage** has been confirmed in the post of Lecturer (Probationary) with effect from 10.10.2016 and placed to the post of Lecturer (Transitional) in the Department of Language with effect from 10.10.2019.



**Dr. (Ms.) TKGP Ranasinghe** has been promoted to the post of Senior Lecturer Grade II in the Department of Town & Country Planning with effect from 31.08.2018



**Ms. MADMG Wickrama** has been promoted to the post of Senior Lecturer Grade II in the Department of Earth Resources Engineering with effect from 15.02.2019.



**Dr. (Ms.) WWAS Fernando** has been confirmed to the post of Lecturer (Probationary) with effect from 30.05.2012 and promoted to the post of Senior Lecturer Grade II in the Department of Transport & Logistic Management with effect from 30.11.2019.



**Dr. AGBP Jayasekara** has been promoted to the post of Professor in the Department of Electrical Engineering (on merit) with effect from 08.01.2019



**Dr. HMR Premasiri** has been promoted to the post of Professor in the Department of Earth Resource Engineering (on merit) with effect from 04.04.2019



**Dr. (Ms.) HMAGK Nandasiri** has been confirmed to the post of Lecturer (Probationary) with effect from 01.03.2013 and promoted to the post of Senior Lecturer Grade II in the Department of Textile & Clothing Technology with effect from 01.10.2019.



**Dr. (Ms.) U Kulatunga** has been promoted to the post of Professor in the Department of Building Economics (on merit) with effect from 19.12.2018



**Prof. (Ms.) BMWPK Amarasinghe** has been promoted to the post of Senior Professor in the Department of Chemical & Process Engineering with effect from 05.10.2017



**DR. (MS.) HRAT Ranaweera** has been confirmed to the post of Lecturer (Probationary) and promoted to the post of Senior Lecturer Grade II in the Department of Textile & Clothing Technology with effect from 01.10.2019.



**Dr. RASC Gopura** has been promoted to the post of Senior Lecturer Grade I in the Department of Textile & Clothing Technology with effect from 18.12.2018.



**Prof. SMA Nnayakkara** has been promoted to the post of Senior Professor in the Department of Civil Engineering with effect from 31.10.2014.



**Ms. MB Mufitha** has been confirmed to the post of Lecturer (Probationary) and promoted to the post of Senior Lecturer Grade II in the Department of Interdisciplinary Studies with effect from 26.09.2019.



**Mr. PAPVDS Disaratna** has been promoted to the post of Senior Lecturer Grade I in the Department of Building Economics with effect from 01.12.2018.



**Mr. TLC Dilroshan** has been promoted to the post of Deputy Registrar in the Academic Establishments Division with effect from 07.10.2019



**Ms. YLD Nandasena** has been promoted to the post of Deputy Registrar in the Examination & Registration Division with effect from 07.10.2019



**Ms. SAS De Silva** has been promoted to the post of Deputy Bursar in the Finance Division with effect from 07.10.2019



**Ms. MSP Peiris** has been promoted to the post of Deputy Internal Auditor in the Internal Audit Division with effect from 07.10.2019

## ADVISORY BOARD

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Mr. BH Sudantha  
Mrs. Ruvini Kodikara  
Professor. (Mrs) BMWPK Amarasinghe  
Archd. Sithumini Rathnamalala  
Dr. GD Samarasinghe

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Dr. (Mrs) DA Meedeniyana

## NEWS TO BE SENT TO

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# University of Moratuwa

## Bimonthly UOM news

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