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# **NEWS**

# **COMMENCEMENT OF DUTIES FOR 2020**



General Sir John Kotelawala Defence University ceremonially commenced work for the New Year, on 01st January 2020. A special function was held with the presence of all staff and undergraduates, for National Flag hoisting followed by the public servants' oath and multi religious blessings invoked by Buddhist, Christian, Hindu and Islamic priests. The ceremony was graced by the Vice Chancellor, Air Vice Marshal HMSKB Kotakadeniya WWV, RWP, RSP, VSV, USP, MSc (Def & Strat Stu), fndu, psc; Deputy Vice Chancellor(Defence & Admin), Brigadier N Hathurusinghe psc IG Hdmc and Deputy Vice Chancellor (Academic), Snr Prof Jayantha Ariyarathne.

# **KDU DIGITALIZES ITS ACADEMIC & ADMINISTRATIVE FUNCTIONS - eKDU 2020**

By being one of the first Sri Lankan universities to adopt digitalization, KDU marked a milestone in its journey on the 01st of January 2020. The concept of "e-KDU 2020" emerged as an idea of the Vice Chancellor, Air Vice Marshal, Sagara Kotakadeniya; and the project was developed under the guidance of the Director, CITS & DS, Brigadier Laknath De Silva. Under this concept, special administrative and academic functions of the university were digitalized.

Through the Online Student Eligibility System and Student Enlistment System, Advanced Level students are facilitated to check their eligibility as per their A/L results and apply for the degree programmes at KDU. An automated Procurement Management System is introduced to overcome the drawbacks of the manual process; and provide provision to open tender files, track status of tender files and view the procurement plan. A Financial Management System is developed to achieve the goals of planning, organizing, directing and controlling the financial activities in KDU. The system manages three main sections: income, expenditure and financial statements. The concept, MySpace, facilitates the students to retrieve their personal information, examination results and also to seek online counselling services. e-Classroom is a platform which interconnects VC's Office, Computer Lab, KDU Hospital and the Southern Campus. In addition, the Mess Bill Management System provides facilities to generate the monthly mess bills for all mess members.

Through the concept of "e-KDU 2020", which is a fully digitalized academic and administrative system, KDU has opened an array of novel pathways to the competitive world.

# **GENERAL CONVOCATION – 2019**

The General Convocation of KDU took place on the 10<sup>th</sup> of January 2020 at the BMICH under the patronage of His Excellency the President, Gotabaya Rajapaksa. During the convocation, KDU witnessed the crowning moment of its students of Intakes 31, 32 and 33. A total of 1282 students who belonged to different faculties graduated this year having completed their programmes successfully. Trophies for the Best Overall Performance in each academic field and Best Student Officers from the tri-forces were awarded during the ceremony. The Sword of Honour for the best All Round Performance of Intake 32 was awarded to Second Lieutenant JAD Weerasinghe.

During his address, The President remarked that General Sir John Kotelawala Defence University should strive to be an exemplary higher educational institution, not just in Sri Lanka, but in the region as well. He also mentioned that the free education system has a truly transformative impact on Sri Lanka and it should always be protected. The opportunities available for further education through the state education system as well as the private sector should be broadened in future. He added that those who can afford to pay for private education must be allowed to follow their higher studies in Sri Lanka instead of going abroad. He further stated that, if the availability of high-quality tertiary education providers were increased in the country, we would be able to reverse the 'brain drain' as well as reduce significant outflows of our foreign reserves.







#### CONVOCATION DINNER – 2019

The traditional Convocation Dinner of Intake 31, 32 and 33 of KDU was held in the vintage Mount Lavinia Hotel, replete with military decorum and traditions, on the 12th of January 2020. Secretary of Defence, Maj Gen (Rtd) Kamal Gunaratne WWV RWP RSP USP ndc psc graced the occasion as the Chief Guest, while Service Commanders, former Chancellors, Senior Military Officers, Academic and Administrative Staff of KDU were present on the occasion. The valuable contribution of the new graduates to the annual event signifies the final accomplishment of their academic career at KDU.







## 2<sup>ND</sup> AND 3<sup>RD</sup> PHASES OF FOE BUILDING

The 02<sup>nd</sup> and 03<sup>rd</sup> phases of the Faculty of Engineering Building were opened on the 14<sup>th</sup> of January 2020 by the Vice Chancellor, Air Vice Marshal HMSKB KOTAKADENIYA WWV, RWP, RSP, VSV, USP, MSc (Def & Strat Stu), MA (IR), fndu, psc.





## FAREWELL TO OUTGOING VICE CHANCELLOR

A battalion parade was held and a dinner was hosted on the 16th of January 2020, to bid farewell to the outgoing Vice Chancellor, Air Vice Marshal Sagara Kotakadeniya WWV, RWP, RSP, VSV, USP, MSc (Def & Strat Stu), MA (IR), fndu, psc.





# **NEW VICE CHANCELLOR**



An eminent senior officer of the Sri Lanka Army, Major General Milinda Peiris RWP RSP USP LOM ndc psc MPhil(Ind) PGDM assumed duties as the new Vice Chancellor of General Sir John Kotelawala Defence University on the 16<sup>th</sup> of January 2020. A colourful and grand parade of honour was held to welcome the newly appointed Vice Chancellor, in the presence of all cadet officers, day-scholars and civil and military staff of the University.

Major General Milinda Peiris has been appointed as the Vice Chancellor of KDU for the second occasion. On his previous tenure as the Vice Chancellor of KDU from the 28th of December 2008 to the 18<sup>th</sup> of February, 2016, he was instrumental in transforming KDU to be a well-recognized university in the region.







# **BACHELOR'S DEGREE PROGRAMMES FOR 2019/2020**

On the 10<sup>th</sup> of February 2020, KDU officially inaugurated its Intake 37 Batch for the Academic Year 2019/2020. The inauguration ceremony was held with the participation of more than 800 students along with their parents, while the Vice Chancellor, Major General Milinda Peiris RWP RSP VSV USP ndc psc MPhil (Ind) PGDM graced the occasion as the Chief Guest.

KDU received 7831 applications via its Online Application System for twenty (20) degree programmes for Intake 37. Following a structured enlistment process, 841 candidates were registered for the degree programmes at KDU, on payment basis, for Intake 37. Moreover, KDU introduced a new degree programme in Strategic Studies and International Relations from Intake 37 onwards. The ultimate goal of KDU is to produce graduates with efficient, disciplined and self-motivated personalities, who will serve the best interests of the nation.





## **FACULTY-INDUSTRY CONSULTATIVE BOARD (FICB) MEETING - 2020**

The Faculty-Industry Consultative Board (FICB) of the Faculty of Computing was held on the 10th of February 2020 at KDU. The aim of this meeting was to evaluate the curricula of all the undergraduate degree programmes offered by the faculty. The Rector of the Southern Campus, the Dean of the Faculty of Computing, all academic staff members of the faculty along with a wide range of eminent senior academia from other universities, representatives from tri-forces and industry experts, facilitated a fruitful discussion by contributing expert comments and views. The obtained opinions will be used to revise the core areas and yearly distribution of elective subjects, in order to improve the professional conduct of all the five-degree programmes in the near future.



## VICE CHANCELLOR'S VISIT TO THE UNIVERSITY OF OTAGO, NEW ZEALAND.

The Vice Chancellor (VC) of KDU, Major General Milinda Peiris RWP RSP VSV USP ndc psc visited the University of Otago, New Zealand on the 19th of February 2020. The visit was on an invitation extended by the School of Biomedical Sciences of the University of Otago, to discuss collaboration and partnership on a range of initiatives.

During his two-day visit, the VC met the staff of the Research and Enterprise Office and discussed the modality they adopt to establish an entrepreneurial environment in the university campus. He also had discussions with research students at School of Biomedical Sciences on how they are encouraged by the university to carry out translational research of national interest. Further, he visited lab facilities and gained firsthand experience as to how research activities are supported through the provision of infrastructure. The VC also met Prof George Dias, the Professor of Anatomy, with whom KDU already has a successful research and teaching partnership, to look at nurturing further collaborations in knowledge exchange and joint research.



## EX-SERVICEMEN GET-TOGETHER IN ELLERSLIE, AUCKLAND, **NEW ZEALAND**

Major General Milinda Peiris, the Vice Chancellor of KDU attended the ex-servicemen get-together held in Ellerslie, Auckland, New Zealand on the 21st of February 2020. Brigadier (Retd) YRMP Wijekoon vsv, the 2<sup>nd</sup> Commandant of KDU (then KDA) who served during the period, 01st July 1982 to 30th September 1983; and Brigadier (Retd) EADAS de Alwis, the Commanding Officer of KDU (then KDA) from 16th November 1995 to 05th September 1996, were also present at this event.



#### APPOINTMENT OF NEW CHANCELLOR

General G H Silva (Retired) RWP VSV USP ndc was appointed as the 5th Chancellor of General Sir John Kotelawala Defence University on the 20<sup>th</sup> of January, 2020. The newly appointed Chancellor paid a visit to KDU on the 2<sup>nd</sup> of March, 2020, and he was welcomed by Major General Milinida Peiris RWP RSP VSV USP ndc psc, the Vice Chancellor and the senior staff members of KDU.







## COMMENCEMENT OF RECONSTRUCTION OF KDU AUDITORIUM

Construction of a new KDU Auditorium with state-of-the-art facilities was initiated in September 2010 and continued until 2017. The auditorium has a seating capacity of 1410 with fully equipped modern amenities. With the directions and instructions of the Vice Chancellor of KDU, Major General MP Peiris RWP RSP VSV USP ndc psc, the Central Engineering Consultancy Bureau (CECB) and the Sri Lanka Army have joined forces to complete the construction of the KDU auditorium by 2021. Recommencement of construction work was launched on the 11<sup>th</sup> of March 2020. The new auditorium, once completed, will be a great asset to KDU and the country.







# VISIT OF SECRETARY DEFENCE TO UHKDU

The new Secretary of Defence, Major General (Retired) Kamal Gunarathnae WWV RWP RSP USP ndc psc MPhill, visited the University Hospital, KDU (UHKDU) on the 19<sup>th</sup> of March 2020. He was warmly welcomed by the Vice Chancellor of KDU, Major General Milinda Peiris RWP RSP VSV USP, the Executive Director, Director Administration, Director Medical, all the consultants and the staff of UHKDU.



# PREPAREDNESS OF UHKDU FOR COVID – 19

A special respiratory illness treatment unit was started on the 15<sup>th</sup> of March 2020 at UHKDU, in order to examine patients with respiratory illnesses. The samples taken from COVID-19 suspicious patients were sent for PCR testing. The patients, who were found positive for COVID-19, were transferred to IDH, immediately.





#### ALLIANZ INSURANCE LANKA HELPS UHKDU

The University Hospital of KDU received a donation of Rs. 4 million from Allianz Insurance Lanka Ltd., to purchase a high performance Real Time quantitative PCR (RT-qPCR) machine to test for the Coronavirus in suspected patients. Mr. Ganeswaran Subramaniam, CEO, Allianz Insurance, handed over the cheque to the Defence Secretary, Maj. Gen. (Retd) Kamal Gunaratne on the 31st of March 2020, at the Ministry of Defence. This donation is no doubt a boost to the testing capacity at UHKDU.

#### KDU COMMENCED TESTING FOR COVID-19

General Sir John Kotelawala Defence University began RT-PCR testing for COVID-19 on the 10th of April 2020 at its biomedical laboratory in the Faculty of Medicine. The well trained and dedicated staff of the biomedical laboratory of KDU performed RT-PCT tests on the samples received from different hospitals and quarantine centers of the country during the period of Sinhala and Tamil New Year. KDU is also expected to receive an additional RT-PCR machine and antibody testing kits in the near future, to further boost the capacity for COVID-19 testing.

# MEDIA BRIEFING ON RESEARCH INVENTIONS BY KDU FOR COVID-19

A media briefing was held on the 23rd of April 2020 at 1000 hours at KDU to present the medical equipment and other apparatuses invented by Students and Academia of KDU, which would be useful to combat the COVID-19 pandemic. The Faculties of Engineering, Computing and Medicine took the leading role in this endeavour. The newly invented products are: KDU Ventilator-2020 Ver. 1.0, KDU MEDICARE Robot-2020 Ver. 1.0, KDU Ventilator Pro KDU Ver. 1.0, Curec: Doctor Patient Communication Platform and UV Air Purifier.











# VISIT OF PTF FOR TACKLING HEALTH SECURITY OF TRI SERVICES IN KDU

The Presidential Task Force (PTF), headed by the Western Province Governor and Marshal of the Sri Lanka Air Force, Roshan Goonetileke, together with Admiral (Retd) Jayantha Perera, Maj Gen (Retd) Sumeda Perera and Rear Admiral (Retd) Ananda Peiris, visited KDU on the 01st of May 2020. On arrival, the members of the PTF were briefed in detail by the Vice Chancellor, Maj. Gen. Milinda Peiris, on the operations and procedures followed at KDU. Thereafter the members of the PTF visited all areas of KDU to get a first-hand idea about the current situation at KDU. The PTF is responsible for preparing, implementing and monitoring an effective mechanism which would ensure health security at military establishments, in view of the COVID-19 Pandemic.

#### DONATION OF LAND FOR KDU

Ms. Malani Kotelawala, one of the nieces of the benefactor of KDU, Late Rt Hon General Sir John Kotelawala, donated a 27 perch land in Boralasgamuwa in memory of her loving parents, Mrs. Chandrawathi Jayawardena and Mr. David Dharmadasa Kotelawala. The legal and official proceedings of handing over and taking over of the land took place at the General Sir John Kotelawala Memorial Museum, at an auspicious time on the 4th of May 2020. KDU pays its gratitude to Ms. Malani Kotelawala for her generosity and timely action taken to donate her land to KDU; and Mrs. Nimal Wickramasinghe for registering the "Deed of Gift", free of charge.



# VISIT OF DEFENCE ATTACHÉ OF THE EMBASSY OF THE PEOPLE'S REPUBLIC OF CHINA

Senior Colonel Wan Dong, the Defence Attaché and Colonel Chang Qianjin, the Deputy Defence Attaché of the Embassy of the People's Republic of China paid a visit to KDU on the 21st of May 2020. With the courtesy of the Government of the People's Republic of China, they donated a pack of face masks promoting "අතියෝග හමුවේ නොසැලෙන සැබෑ මිතුදම" (True friendship, unwavering in the face of challenges) and signifying the long lasting friendship enjoyed by the People's Republic of China and Sri Lanka.



#### WORLD ENVIRONMENT DAY

In response to the directives of the Ministry of Defence and with the patronage of the Vice Chancellor, Major General Milinda Peiris, KDU initiated a tree-planting programme at the university premises on the 8th of June 2020. This event was conducted to mark the World Environment Day.

As a university, KDU recognizes the need for conserving biodiversity and ecosystems to mitigate climate change and future environmental challenges while ensuring food security of the nation and symbolizing the collective responsibility of all citizens towards the same. A selection of saplings: Mangoes, King Coconuts, Mangosteens and Jackfruits were planted in the university premises. In parallel, a similar tree-planting programme was held at the Southern Campus - KDU in Sooriyawewa.





#### RESEARCH DATABASES DURING THE COVID-19 PANDEMIC

In order to facilitate students and academic staff of KDU, the Library has activated remote access for various research databases including IEEE and Emerald during the COVID-19 pandemic. KDU Library also has activated trial access for e-resources including BMJ Journals and Case reports, Gale Reference Complete, Hein online Academic Core and Medline Complete.

# **DONATION FOR COVID-19 HEALTHCARE AND SOCIAL SECURITY FUND**

KDU donated Five Million Rupees for the COVID-19 Healthcare and Social Security Fund, extending the University's support and solidarity for the noble efforts of the Government to combat the COVID-19 pandemic. Further, the Vice Chancellor and the Staff of KDU expressed their appreciation and gratitude to His Excellency the President for the strategic preparedness and response plan launched in combatting the pandemic situation.



## **CELEBRATION OF THE** INTERNATIONAL NURSES DAY

In commemoration of the 200th anniversary of birth of Florence Nightingale, International Nurses Day was celebrated on the 13th of May 2020 at the UHKDU Main Auditorium of the University Hospital of Kotelawala Defence University (UHKDU). Dr. Jayantha Balawardhana, the Executive Director of UHKDU, was the chief guest of the event, and Mrs. Geethani Champika Udugama Korala, the Chief Matron Nursing Officer of the IDH hospital participated in the ceremony as the chief invitee guest lecturer. She addressed the gathering on the topic, "COVID-19 Personal Protective Equipment".



# KDU INVENTIONS FOR COMBATING COVID-19

With the intention of easing out the current national crisis of COVID-19, KDU has taken several initiatives of research and development to combat the pandemic and to mitigate its impact. These initiatives are diverse, highlighting several areas of importance, spanning from improving people's health, diagnosing SARS-COV 2 infections, developing biomedical equipment to devise strategies to face the post-impact of the pandemic.

Since the beginning of the pandemic, certain academic staff members of the Faculties: Engineering, Computing and Medicine, have been collaboratively working in teams, on various inventions. These research teams also comprised of students of KDU, including both officer cadets and day-scholars. With the immense support and encouragement of the Vice Chancellor, Major General Milinda Peiris, these initiatives have already become a huge success. On completion of production, some of these items were presented to the Secretary, Ministry of Defence on the 21st of April 2020.



## KDU VENTILATOR-2020 VER. 1.0

This is a pneumatically driven, time-cycled ventilator with user determined volume and flow rate selection capability. This is an endeavour of a research team led by, Eng. Udaya Damapge Senior Lecturer, KDU), with the researchers: Cmde Janaka Gunasela (Senior Lecturer, KDU), Capt Priyankara Dissanayake (Senior Lecturer, KDU), Consultant Anaesthesiologist, Samanthi Pullaperuma (Senior Lecturer, KDU), LCdr. Sanjaya Arunapriya (Lecturer, KDU), Mr. Dinesh Bandara (Dinesh Ro Electronics) and Mr. Dinesh Lasantha (ECO TECH Automation (Pvt) Ltd). The product development cost was Rs. 100,000.



# **KDU MEDICARE LITE ROBOT-2020 VER. 1.0**



This is an invention of a medical assistant robot to take care of COVID-19 patients without direct contact with humans. The functions of this robot includes: the ability to deliver food and medicine to patients; two way communication for doctor and patient for real time medical inspections; and the ability to handle the robot remotely to minimize the possibility of doctors and healthcare workers being infected, whilst treating COVID-19 patients.

This product is an outcome of the endeavours of a group of researchers led by Eng. Udaya Damapge (Senior Lecturer, KDU), with Cmde Janaka Gunaseela (Senior Lecturer, KDU), Capt. Geeth Karunaratne (Lecturer, KDU), and members of the Electronic, Robotic & Innovation Club of KDU. The product development cost was Rs. 250,000.00. Two units of KDU MEDICARE LITE Robot-2020 Ver. 1.0 were handed over to the University Hospital of KDU, on the 30th of April 2020.

# KDU VENTILATOR PRO KDU VER. 1.0

This is a patient ventilator which is less expensive and takes less time to build using locally sourced material and components. This ventilator allows the control of all vital parameters during ventilation. This is an effort of a group of researchers: Dr. KMGP Premadasa (Senior Lecturer, KDU), Sqn Ldr WNI Yalagama (Lecturer, KDU), Dr R Wijesiriwardena (Senior Lecturer, University Moratuwa), AWC Abeygunawardena (SUO), Maddegoda (O/C), KDP Anjana (O/C), WHPP Alwis (O/C) and Mr Nadun Madanayake (Student, University of Sri Jayewardenepura) and Mr Naveen Ranasinghe (student-SLINTEC). The input of the Consultant Anaesthesiologist, Brig (Dr) Thamasi Makuloluwa (Senior Lecturer, KDU), on the use and application of the equipment also contributed to the success of this product development. The cost involved was less than Rs. 100,000.



## **UV AIR PURIFIER**

This purifier is capable of destroying airborne pathogens, such as, SARS COV-2 virus, using UV-C light. This device can be used to purify air in a theatre or a ward with patients with respiratory diseases. This product was developed by a group of researchers, namely: Dr. KMGP Premadasa (Senior Lecturer, KDU), Sqn Ldr WNI Yalagama (Lecturer, KDU), Mr Nadun Madanayake (Student, University of Sri Jayewardenepura) AWC Abeygunawardena (SUO), MGSJB Maddegoda (O/C), KDP Anjana (O/C), WHPP Alwis (O/C) and Mr Naveen Ranasinghe (student-SLINTEC), with a cost of approximately Rs. 40,000.

Six units of UV Air purifiers (UV Air Purifier v2.0) designed by this research team have been manufactured in KDU and handed over to the University Hospital of KDU on the 06th of May 2020.



## **CUREC: A DOCTOR-PATIENT COMMUNICATION PLATFORM**

"CuRec" is an interactive patient-doctor communication platform developed by the Faculty of Computing, KDU as an aid to combat the COVID-19 pandemic situation in the country. It is a mobile app developed to link doctors and patients during this Pandemic. It stands for Cure and Recovers. The computer application addresses the problem of over-utilizing healthcare resources, and it minimises the risk of unnecessary exposure of people to the virus. Unlike other prevailing apps, the key features of CuRec are the real-time video calling facility and the location tracker. The user is given a self-assessment to identify his/her COVID-19 status based on a scoring system, from high to low, after which the user can choose to call the doctor. On the other hand, the doctor will answer the call from a priority queue, diagnose the patient, and assign the patient with medical advice, based on interim guidelines given by the Ministry of Health and Indigenous Medicine for COVID-19 isolation centres. The app also provides a Symptoms Log for the patient to monitor his/her history and decisions given by the previous doctors.

This application was developed by a group of researchers including Dr. Pradeep Kalansooriya (Senior Lecturer and Head- Department of Computer Science) along with KDU computing undergraduates, namely: Mr. Kasun Kalhara, Mr. Nimesh Ekanayaka, Mr. Chanakya Bandara, Mr. Savindu Bandara, Mr. Malith Ileperuma, Miss. Sanara Premeratne and Miss. Kethmie Perera. Dean, Faculty of Computing, Commodore Janaka Gunaseela, Dean, Faculty of Medicine, Dr. Namal Wijesinghe (Consultant Cardiologist) and a panel of medical experts, namely: Dr. Saman Yapa Bandara, (Deputy Director – LRH), Dr. Viraj Jayasinghe (Consultant Paediatrician – LRH), Dr. Vasan Ratnasingam (Secretary GMOA – LRH) and Dr. Mangala Rajamanthri (VP - Base Hospital Karawanella) acted as consultants to the project. It was introduced to the Minister of Health, Hon. Pavithra Wanniarachchi and the Secretary of the Ministry, Maj. General Sanjeewa Munasinghe, on the 15th of May 2020, at the Ministry of Health.







## SIX FUNCTION ICU BED

A six function ICU bed was invented by the undergraduates of the Faculty of Engineering, KDU, on the directions of the Head of the Department of Mechanical Engineering, Capt (E) MCP Dissanayaka. This project was carried out by undergraduates following the degree on Mechanical Engineering: three day scholars of intake 34: JLS Jayawardana, MLA Peiris and VR Mannage; and two officer cadets of Intake 35: TUO ND Pamunuwa and O/Cdt KLV Wasana. This bed is integrated with a new lateral movement which is useful to transfer the patient to a trolley or another bed, which is a special feature in comparison to the normal five function ICU bed. The total cost for this project was around Rs. 2.5 lakhs.



# **PROMOTIONS**



Col. BMJ Balasooriya RWP RSP (UHKDU) has been promoted to the rank of Brigadier with effect from the 25th of February 2020.



Ms. Thamara Kothalawala (Department of Languages) successfully completed her Master of Philosophy in Linguistics from the University of Kelaniya, Sri Lanka. She has been promoted to the post of Senior Lecturer Grade II.



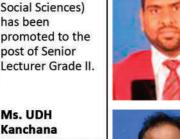
Lt. Col. EMGHJB **Dehideniya RWP RSP** (UHKDU) has been promoted to the rank of Colonel with effect from the 22<sup>nd</sup> of January 2020.



Eng. (Dr.) RP Kumanayake (Department of Civil Engineering) has been promoted to the post of Senior Lecturer Grade I, with effect from the 01st of August 2019.



Ms. HMAGK Ekanayake (Department of Social Sciences) has been promoted to the post of Senior Lecturer Grade II.



Dr. SP Senanayaka (Department of Basic Sciences) has been promoted to the Post of Senior Lecturer Grade II.



Dr. AWMKK Bandara (Department of Basic Sciences) has been promoted to the Post of Senior Lecturer Grade II.



Kanchana Assistant Librarian, has been promoted to the post of Senior Assistant Librarian Grade II with effect from the 20th of June 2019



Mr. Alagaratnam (Assistant Librarian) has been confirmed in the post with effect from the 1st of September, 2019.



Lt. VD Saluwadana has been promoted to the rank of Captain.

# **NEW APPOINTMENTS**



**Brigadier Prasad Edirisinghe** assumed duties as the new Rector of the Southern Campus KDU on the 03rd of March 2020.



Dr. KMGP Premadasa has been appointed as the Director of the International Relations Office (IRO) of KDU from March 2020.



Dr. KMN Kumarasinghe has been appointed as the Director of the Staff Development Centre of KDU from January 2020.



Colonel ULIS Perera RSP USP psc assumed duties as the Dean of the Faculty of Defence and Strategic Studies of KDU on the 14th of January 2020



**Eng. SU Dampage** has been appointed as the Dean of the Faculty of Engineering with effect from the 01st of April 2020.



Lt Col KADCR Kannangara RSP assumed duties as the Deputy Dean of the Faculty of Defence and Strategic Studies of KDU on the 20th of March 2020.



LCdr (G) CG Rathnayake has been appointed to the post of Squadron Commander of Intake 33 at FDSS.



Ms. RDUP Sugathapala (Senior Lecturer -Grade II) was appointed as the Head of the Department of Nursing Midwifery, Faculty of Allied Health Sciences.



Mr ARN Silva (Senior Lecturer - Grade II) was appointed as the Head of the Department of Basic Sciences, Faculty of Allied Health Sciences.



FIt Lt RDC Ranneththi was appointed as a legal officer to UHKDU on the 04th of May 2020

# WORKSHOPS, SEMINARS, CONFERENCES AND **GUEST LECTURES**

## R STATISTICAL WORKSHOP





The R Statistical Workshop was successfully held on the 26th of February 2020 at the Computer Laboratory of the Main Academic Building of KDU. The workshop was organized by the Department of Mathematics, Faculty of Engineering, KDU and the resource person was Dr. W. A. R. De Mel, Senior Lecturer in Statistics at the Department of Mathematics, University of Ruhuna. This workshop was designed as an introduction to the academic staff and students of KDU, who seek to use R statistical software for their applied statistical tasks. During the workshop, the participants gained hands-on experience on using R in statistical data analysis.

## WORKSHOP ON AGRICULTURE AT SOUTHERN CAMPUS









An expert team led by the Director Agriculture, Hambantota District, visited the Southern Campus on the 28th of May 2020 to conduct a special workshop on cultivation. The departmental officials gave technical know-how and relevant guidance on cultivating crops within the campus premises. The expert team inspected the cultivated crops, and on-site briefing and advice were given. The officials assured continued support for the project and appreciated the efforts taken by the military staff, who eventually derived a rich learning experience from this special workshop.

#### CCNA CERTIFICATE AWARD CEREMONY







Twenty three KDU students successfully completed the Cisco Certified Network Associate (CCNA) Routing and Switching Professional Programme for batch IV and V. Following the 300 hour total course duration, they completed the professional exams in CCNA 1, 2, 3 and 4.

The certificate award ceremony conducted by the Centre for IT Support & Development Services of KDU was held on the 06th of February 2020. The Chief Guest was the Director, CITS & DS of KDU, Brigadier DLSU De Silva usp. The Programme Manager, Cisco Academy, Ms. Kalhari Kaluarachchi and Staff Officer II of the Faculty of Graduate Studies, Major RMH Karunarathna were also present at the occasion.

## **INAUGURATION OF CTHE PROGRAMME VIII**



The inauguration ceremony of Certificate in Teaching in Higher Education (CTHE Programme VIII), KDU was held on the 24th of February 2020 at the Staff Development Centre.



#### SPECIAL COURSE ON ENGLISH COMMUNICATION SKILLS FOR MILITARY OFFICERS

The English Language Teaching Unit (ELTU) of Southern Campus, KDU started conducting a special course on English Communication Skills for the Military Officers of the Campus to enhance their English language skills. The course was initiated during the COVID-19 lockdown and will be continued for three months to improve the writing and speaking skills, which are essential for



military officers to execute their role as responsible military personnel. It is being conducted by Mr. PDDD Wickramasinghe and Ms. NWSC Wijewathna, Lecturers of the ELTU, Southern Campus.

#### INDIA-SRI LANKA RELATIONS: THE WAY FORWARD

A delegation from the Manohar Parrikar Institute of Defence Studies and Analyses (MP-IDSA) of India led by the Ambassador, Sujan R. Chinoy, Director General, paid a visit to KDU on the 05th of March 2020.

The delegation participated in a panel discussion organized by the Department of Strategic Studies titled, "India-Sri Lanka Relations: The Way Forward". The panel comprised of practitioners and academics from MP-IDSA, Ambassador Sujan R. Chinoy, Director General; Dr Ashok Behuria, Senior Fellow; Commodore Roby Thomas, Senior Fellow; Dr Smruti Pattanaik, Research Fellow; Dr Gulbin Sultana, Research Analyst and was chaired by Emeritus Professor Amal Jayawardane, Senior Professor in International Relations. The audience was educated on various issues compounding the bilateral relations between India and Sri Lanka. The panel discussion also highlighted the regional and global implications of India's position in the region. It was followed by a lively discussion with many timely questions being raised by the audience which comprised of undergraduates, as well as academic and military staff.







## TIPS OF HIGH-RISE BUILDING DESIGN

A guest lecture organized by the Civil Engineering Society of the Department of Civil Engineering, on "Tips of High-rise Building Design", was conducted by Dr. Laksiri Pradeep, Senior Lecturer, Open University of Sri Lanka and CEO, Eco International- Engineering and Design Consultants, on the 12th of March 2020 at the Faculty of Engineering. The academic staff and the students of the faculty participated in the event.



## HISTORICAL HERITAGE AND TRADITIONAL SETTLEMENTS PRESERVATION STRATEGY BASED ON BIONIC APPROACH AND DATA-DRIVEN ANALYSIS

Professor Paolo Genovese, an eminent Italian architect and academic at the University of Tianjin, China, visited the Southern Campus, KDU on the 18th of January 2020. Prof. Genovese is the Director of the Laboratory of Bionic Architecture and Planning Research Centre of the University of Tianjin, and has published seven monographs, fifteen books, and more than eight-hundred papers, and he has also been the tutor of over 70 PhD and Master's dissertations in China and abroad. Professor Genovese delivered a lecture on, "Historical Heritage and Traditional Settlements Preservation Strategy Based on Bionic Approach and Data-Driven Analysis", at the auditorium of the Southern Campus, which was attended by the undergraduates and academia of the Faculty.

#### ARTIFICIAL INTELLIGENCE

Guest lectures conducted by industrial professionals formulate an integral attribute of the degree programmes offered by the Department of IT, enabling undergraduates to acquire new knowledge of the evolving IT industry. The undergraduates of Southern Campus, KDU were given such a valuable opportunity to expand their knowledge in the field of Artificial Intelligence, which is the next generation of modern computing, on the 21st of January 2020. This guest lecture was delivered by Mr. Rohan Karunaratne, Senior IT Consultant in Research and Development at Technical and Technology of Fetsynergies Sri Lanka. The lecture was held at the main auditorium of the Southern Campus, from which the participants derived a rich learning experience at the end of the day.





# **CSR PROJECTS**

#### CLEANING RATMALANA RAILWAY STATION

Mechanical Engineering and Marine Engineering Societies of KDU organized a project on cleaning the Ratmalana Railway Station and the surrounding area. Staff members, officer cadets and day scholars participated in this programme in order to keep its environment clean.

#### **NEWLY BUILT HOUSE TO A LIBRARY EMPLOYEE**

KDU Library Network completed yet another CSR project with great support from the University on the 06th of February 2020. The ceremonial event of handing over the ownership of a block of land with a newly-built house to Mr. Rukmal Priyantha, a library staff member and his four young daughters was held at Paragasthota, Bandaragama. The financial assistance for purchasing the 15 perch land and building the house was received from a few members of the 1987 batch of the Faculty of Science, University of Kelaniya, staff and students of KDU and well-wishers. In addition, the entire labour force for the project was provided by KDU.









## VISIT TO KIRIBANWEWA SCHOOL

Located in the rural outskirt of Sri Lanka, Southern Campus - KDU implements a number of CSR initiatives, each year, to uplift the living standards of the communities in the vicinity. The project on enhancement of school development is one of its key concerns. One such workshop was conducted for the students sitting for the Advanced Level Examination



on the 22<sup>nd</sup> of January at the Kiribbanwewa Maha Vidyalaya. The undergraduates addressed the school children and briefed them on the importance of higher education and the opportunities available for them at KDU. The workshop was organized by the Factulty of Defence and Strategic Studies.

#### SURVEY AT VICTORIA HYDROELECTRIC POWER PLANT

As per the request made by the Mahaweli Authority of Sri Lanka, a crack detection survey at the Victoria Hydroelectric Power Plant was conducted by the Department of Civil Engineering, KDU. The 3 day, 24-hour monitoring survey was conducted by the academic staff of the department with the involvement of the undergraduates of the MSc in Civil and Structural Engineering programme, from the 15th to the 17th of February 2020.

The survey was conducted with advanced survey instruments, and both absolute and relative deformations of the hydroelectric powerhouse were monitored. Through the advanced monitoring survey, vertical and horizontal displacements of the power plant were identified. The observed readings and calculations are submitted to the Ceylon Electricity Board and the Mahaweli Complex in Kandy, for onward actions.



## MEGA CULTIVATION PROJECT AT THE SOUTHERN CAMPUS



Considering the need of the country to have a self-sufficient economy in the post pandemic era, Southern Campus embarked on a large scale cultivation project within the campus premises. Numerous crops are being cultivated and nurtured daily with great effort. The military staff is actively engaged in this endeavour, implemented under the purview of the Rector -Southern Campus and the Senior Admin Officer.

#### TRADITIONAL MEDICINES FOR COVID-19

Dr. Nishantha Kumarasinghe has commenced a research project on, "Effect of Turmeric and Trikatu-based Traditional Medicines for COVID-19 in Sri Lanka; An Interventional Study", to find an indigenous solution for the recent COVID 19 pandemic.

# DONATION OF CPR MACHINE

Mr. Dilshan, undergraduate of the Faculty of Medicine, University of Colombo, donated a CPR machine to the Faculty of Medicine of KDU, under the guidance of Rear Admiral Sarath Weerasekara and with the sponsorship of the Sri Lanka Youth Association.



# DONATION FOR "HETA HUSMAK WENUWEN ADA API"

Dr. Nishantha Kumarasinghe donated 500 Mee plants for the tree-planting project, "Heta Husmak Wenuwen Ada Api", conducted by the Faculty of Medical Sciences, University of Jayewardenepura and the Sri Lanka Air Force, in February 2020 in Mullaitivu.

#### UHKDU BLOOD DONATION





Blood donation is an invaluable mission during the pandemic of COVID 19. Thousands of Sri Lankans depend on blood products for their survival. National Blood Transfusion Service (NBTS) is committed to the continuation of supply of blood and blood products to hospitals islandwide. Nevertheless due to the pandemic, NBTS is facing difficulties in collecting blood from mobile campaigns.

The Blood Bank of the University Hospital KDU (UHKDU), as a joint partner of the NBTS, arranged an in-house blood collection in collaboration with KDU staff from the tri-forces, on the 30th of April 2020, at the Blood Bank of UHKDU. The Blood Bank of UHKDU salutes the blood donors, the silent heroes, for giving the gift of life.

# STUDENT ACTIVITIES

#### CAMP VISIT OF INTAKE 37

The newly enlisted officer cadets of Intake 37 were sent to the respective military academies for basic intensive military training for a period of six months. After completion of their training, the officer cadets re-joined KDU on the 4th of January 2020. At present, 213 cadets of the tri-forces and the police are engaged in training at KDU.





#### **LEADERSHIP SKILL DEVELOPMENT TRAINING** FOR INTAKE 37 DAY-SCHOLARS

General Sir John Kotelawala Defence University conducted ten-day Leadership Development Training for the newly enrolled day-scholars of Intake 37. Two hundred and nineteen day-scholars participated in the programme from the 17th to the 28th of January 2020 at the KDU premises. The training was aimed at developing leadership qualities, teamwork and positive thinking through theoretical and practical training. This training programme comprised of physical training, lectures, group activities, drill, confidence building training and a hike.

# STUDY TOUR FOR KDU FEMALE LAW UNDERGRADUATES BY USAID CORE JUSTICE PROGRAMME

Nine students from the Faculty of Law of KDU participated capacity development a female programme organized for law undergraduates on career choices and opportunities in the legal sector. This was organized by the USAID CORE Justice Programme and was held from the 19th to the 21st of January 2020. The undergraduates who represented KDU were Madree Peramunugama, Rashini Kulasekara, Samali Sudasinghe, Lochani Jayasuriya, Kaveena Serasinghe, Sachithra Wathuge, Yasassri Nandasena, Anushi Jayalath and Kaveendra Lewangama.

# KDU MOOTING AND DEBATING SOCIETY AT THE FIFTH PROF. N.R. MADHAVA MENON SAARCLAW MOOTING COMPETITION AND LAW STUDENTS CONFERENCE, 2019-20

Three student members of the KDU Mooting and Debating Society and the Teacher-in-charge participated in the Fifth Prof. N.R. Madhava Menon SAARCLAW Mooting Competition and Law Students Conference 2019-20, at Lloyd Law College – India. The event was organized by Lloyd Law College with technical support from MILAT- Menon Institute of Legal Advocacy and Training, under the patronage of SAARCLAW at Lloyd Law College, Greater Noida, Uttar Pradesh, India. The moot was based on the areas of Public International Law, and nineteen teams participated in the competition representing all SAARC countries.



Asel Ariyapperuma (LLB/17/060) and Chathura Eksara De Silva (LLB/18/006), undergraduates of the Faculty of Law, KDU, participated as the oralists of the competition; and Gimhani Hirunika (LLB/17/089) participated as the researcher of KDU. They presented a paper on 'Gender Equality' at the Law Student Conference; and the coach of the KDU team, Ms. Padmaja Wijesooriya presented a paper on, "Good Governance: Sri Lankan Experience at the Teachers' Colloquium".

# KDU MOOTING AND DEBATING SOCIETY AT THE H.V. PERERA QC MEMORIAL MOOT COURT COMPETITION



Middle of March, three student members of the KDU Mooting and Debating Society: Chirantha Devaraja (D/LLB/19/0072), Tracy Seneviratne (D/LLB/19/ 0103) and Vishale Thirunavukkarasu (D/LLB/19/0038), participated in the H.V. Perera QC Memorial Moot Court Competition organized by the Moot Society of Sri Lanka, Law College. Victor's Moot is Sri Lanka's only moot competition on international commercial arbitration. It engages law students in head-to-head competition and discussion among their international counterparts on timely developments of international commercial arbitration with the end goal of achieving uniform global standards in this sphere. Even though the KDU team submitted their memorials, the oral competition was postponed due to the COVID-19 pandemic.

# QUARTER-FINALS AT THE 3RD LUMS INTERNATIONAL MOOT **COURT COMPETITION 2020**

KDU Mooting and Debating Society participated in the 3rd LUMS International Moot Court Competition 2020, held at the Lahore University of Management Studies in Pakistan, from the 13th to the 17th of February 2020. The moot was based on International Law, and specific attention was given to the legality of keeping refugees in safe zones. More than 20 teams from Asian countries participated in the competition and the team from KDU represented Sri Lanka. The undergraduates of the Faculty of Law, KDU, namely: K.A.K. Edirisinghe (LLB/16/101), K.R.P.U. Kahathuduwa (LLB/17/076) and Hellan Kivya Vincy (LLB/19/037) were qualified for the quarter-finals of the competition.



#### **RUK ROPANA PROGRAMME**



The importance of lush greenery is strongly felt by the residents of Southern Campus KDU more than anyone else, having experienced the harshness of the dry zone. Thus, tree planting programmes are carried out throughout the year to foster the environment of the campus. One such Ruk Ropana Programme was conducted on the 4<sup>th</sup> of February at the campus premises with the participation of military staff, academics and students.

## FAMILIARIZATION VISIT TO SOUTHERN CAMPUS

A group of fifty students and four teachers of Jinaraja Boys' College, Gampola, visited the KDU Southern Campus on a famtiliarization tour on the 19<sup>th</sup> of February 2020. During this visit, they were briefed on the academic and military programmes conducted by KDU and in-house facilities available at the Southern Campus. A presentation was conducted to the visiting group at the campus auditorium by the Deputy Dean, Faculty of Defence and Strategic studies, who took the initiative in organizing this tour.

#### **UNDERGRADS EXCEL AT ARCHITECT 2020**

Undergraduates following Bachelor of Architecture at the Southern Campus represented KDU at Architect 2020, annual exhibition of the Sri Lanka Institute of Architects (SLIA), held from the 20<sup>th</sup> to the 23<sup>rd</sup> of February 2020, at the BMICH, Colombo. It was a unique platform for the undergraduates to exhibit their skills as aspiring architects. The project they presented under the theme, "Art of Architecture", was highly commended by professionals of the industry and visitors. Apart from demonstrating their talents, the undergraduates also had the opportunity of viewing the design work displayed by fellow architecture schools in the country.





# STUDENT-TEACHER EXCHANGE PROGRAMME WITH KRISTIANSTAD UNIVERSITY, SWEDEN

The student-teacher exchange programme between Kristianstad University, Sweden, and the Department of Nursing & Midwifery, Faculty of Allied Health Sciences, KDU, continued for the second occasion. Two academic staff members of Kristianstad University of Sweden, visited the Faculty of Allied Health Sciences, KDU during the month of February 2020.



# **SPORTS**

#### CHAMPIONS AT THE ROTARACT CHAMPIONS LEAGUE 2020



The Rotaract Champions League (RCL) is one of the most awaited events in the Rotaract calendar. RCL 2020 was organized for the 6th consecutive year by the Rotaract District 3220 Sri Lanka and Maldives with the participation of more than 1500 competitors from 75 Rotaract Clubs. This event took place on the 11th, 18th and the 19th of January 2020 at the University of Colombo.

The overall RCL Championship was won by the Rotaract Club of KDU for the 5th time after securing 1494 points. The Rotaract Club of the University of Sri Jayewardenepura became the runners-up with 994 points while the Rotaract Club of the Sri Lanka Institute of Information Technology (SLIIT) secured the position, 2<sup>nd</sup> runner-up with 763 points.

The Rotaract Club of KDU won the 1st place in Badminton. Basketball (Women). 200m (Women), 1500m (Women), 4x100m Relay (Women), Tug of War (Men), Tug of War (Women), Tag Rugby (Women), Cricket (Women) events, the 1st and 3rd place in Shot Put (Men), 2nd place in Futsal (Women), 1500m (Men), 2nd and 3<sup>rd</sup> in 200m (Men) and 3<sup>rd</sup> place in Basketball (Men), Carrom, Table Tennis, 100m (Women) and 400m (Men). The Vice Chancellor in the presence of several senior officers congratulated the winning teams.

# MEDALISTS AT THE DISTRICT AND WESTERN PROVINCE



The Karate team of KDU participated in the District and Western Province Tournament 2019 organized by the Sri Lanka Karate - Do Federation on the 18th and 19th of January 2020 at the Bandaragama Indoor Stadium. KDU team won 34 medals: 9 Gold, 10 Silver and 15 Bronze, for both Kata and Kumite events.

# CROWNED AT BASL MEN'S AND WOMEN'S NATIONAL CHAMPIONSHIP



KDU Women's Boxing Team participated in the BASL Men's and Women's National Championship 2019 held at the Royal MAS Arena from the 21st to the 25th of January 2020. KDU boxers performed excellently to win 4 medals: 1 Gold, 1 Silver and 2 Bronze in hard fought bouts. Lady Officer Cadet BDR Mendis of Intake 36 brought distinct honour to KDU by being the 1st gold medalist in the history of KDU Boxing, playing in the 64kg Light Welter Weight Class and by becoming the National Champion in Women's Light Welter Weight Category.

## **SOUTHERN PREMIER LEAGUE 2020**

The annual cricket tournament organized by the Department of IT, Faculty of Computing of the Southern Campus - KDU was held at the campus grounds on the 6th of February 2020. More than eleven teams participated in the tournament and two exhibition matches were also held between the teams of academic staff and military staff. The winner of the Southern Premier League, 2020 was the team representing the Information Technology undergraduates of Intake 35 of the Faculty of Computing. The Rector, Southern Campus, Maj. Gen. Adeepa Thilakarathna was the Chief Guest at this event.







The annual Inter Squadron Swimming Meet 2020 of KDU was held at the University Swimming Pool premises on the 14<sup>th</sup> and 16<sup>th</sup> of February 2020. The Dean, Faculty of Defence and Strategic Studies, Colonel ULJS Perera, RSP, USP, psc opened the meet ceremonially. The Deputy Vice Chancellor (Defence and Administration), Brigadier N. Hathurusinghe, psc, IG, Hdmc who is also the Chairman of the Sports Council of KDU, graced the occasion as the Chief Guest at the colourful closing ceremony.

This Annual Inter Squadron Swimming Meet was conducted under the guidance of the Vice Chancellor, Major General MP Peiris RWP, RSP, VSV, USP, ndc, psc, Mphil, (Ind), PGDM to enhance swimming and sportsmanship of officer cadets and day-scholars of the University.

Gajaba Squadron was crowned as the Champions of the Inter Squadron Swimming meet 2020 among six squadrons by securing 272 points at the end. Parakum and Mahasen Squadrons became the  $1^{st}$  Runner up and  $2^{nd}$  Runner up, securing 261 points and 110 points, respectively.

#### LEO SUPER SEVENS 2020 INTER UNIVERSITY RUGBY TOURNAMENT

The annual Leo Super Sevens Inter University Rugby Tournament which was organized by the Leo Club of the University of Colombo was held on the 08<sup>th</sup> of February 2020 at the Havelock Grounds. There were nine teams from various higher education institutes and the KDU Rugby team secured the title, 2<sup>nd</sup> Runner Up for the second consecutive year by beating the Royal Institute.

#### ROWERS CROWNED WITH SILVER AND BRONZE

KDU Rowing Team participated in the 35<sup>th</sup> National Rowing Championship organized by the Amateur Rowing Association of Sri Lanka (ARASL) from the 19<sup>th</sup> to the 22<sup>nd</sup> of February 2020 at the Diyawanna Rowing Centre (DRC). The KDU Rowing Team won 06 Silver medals and 10 Bronze medals in Intermediate and Open categories.





KDU having one of the emerging boxing clubs in Sri Lanka, organized the Inter Squadron Boxing meet 2020 with the aim of identifying potential amateur boxers among undergraduates. Out of 136 amateur boxers, 36 boxers were qualified to compete in the final 18 bouts which were held on the 24th of Feb 2020. The Vice Chancellor, Maj Gen M P Peiris RWP RSP VSV USP ndc psc graced the closing ceremony as the Chief Guest. O/C W D C Epa was crowned as the Best Boxer, O/C K G N S Karunarathna became the Best Loser and O/C W L R Y Premakumara clinched the title of the Most Scientific Boxer. The shield of the Inter Squadron Boxing Meet 2020 was secured by the Parakum Squadron.









#### COLOURS NIGHT OF KDU 2018 – 2019



KDU ceremonially conducted its Colours Night 2018-2019 on the 28th of February 2020. The event was held at the Main Auditorium of the Faculty of Graduate Studies with the gracious participation of the Vice Chancellor, Major General Milinda Peiris as the Chief Guest.

The event was organized to appreciate the sports talents and skills displayed by military and civilian undergraduates of KDU during the years 2018 and 2019, with the objective of encouraging them to enhance their sporting talents and to elevate themselves to national and international levels.

In this ceremony, 347 sports men and women were awarded colours for 19 indoor and outdoor sports. Among the colours awardees, 5229 O/C TIU Mendis was awarded as the Fittest Cadet Male for 2018 and 5756 O/C BAAU Balasuriya as the Fittest Cadet Male for 2019. 5680 L/O/C PD Dharmasiri was awarded as the Fittest Cadet Female for 2019.

The event was a culmination of the collective effort of all involved in uplifting sports at KDU, and the special role played by the coaches of respective sports events was recognized by awarding them with certificates in appreciation of the invaluable service rendered.

#### CHAMPIONS OF POWERLIFTING

The Powerlifting team of KDU started the year 2020 by winning the Overall Men's Championship Under 23 on the 01st of March 2020, at the "All Island Shakthi Bench Press Independence Commemoration Tournament-2020". This tournament was organized by the Shakthi Sports Club, Wadduwa and conducted under the supervision of the Sri Lanka Powerlifting Federation.

The tournament represented competitors from Sri Lanka Light Infantry and Sri Lanka Sinha Regiment of the Sri Lanka Army and various other powerlifting sports clubs. The event was held under the weight categories of 59 kg, 66 kg, 74 kg, 83 kg, 93 kg, 105 kg, 120 kg and above 120 kg. The KDU Powerlifting team performed extremely well to secure one Gold medal, 5 Silver medals and 7 Bronze medals.









# **General Sir John Kotelawala Defence University**

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15<sup>™</sup> - 16<sup>™</sup> October 2020

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#### **CATEGORY II**

 Submission of extended abstract / full papers
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