



UNIVERSITY OF MORATUWA,

SRI LANKA



**ANNUAL REPORT
& STATEMENT OF ACCOUNT
2019**

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2019

OUR VISION

To be the most globally recognised Knowledge Enterprise in South Asia

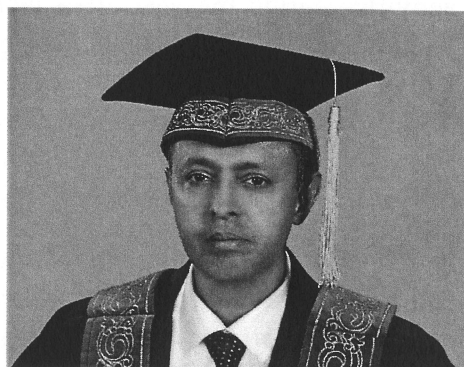
OUR MISSION

To be the leading Knowledge Enterprise for technological and related disciplines in South Asia by:

- Providing transformative education in technological and related disciplines which nurtures the inquiring mind and develops knowledge and skills for facing global challenges;
 - Carrying out nationally relevant and high-impact research to expand the boundaries of knowledge and to enhance the national technological capabilities;
 - Providing expert services to the State, Industry and the Society as an Internationally positioned Sri Lankan University; and
 - Contributing to sustainable, scientific, technological, social and economic development of Sri Lanka.
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VICE-CHANCELLOR'S MESSAGE

The University of Moratuwa (UOM) has gained reputation as **one of the best** Universities in Sri Lanka today. UOM strives to produce academically sound, self-confident, flexible, highly employable, internationally recognized quality graduates who are readily employable soon after graduation. Moreover we train our students to become “job creators” rather than “job seekers” when they graduate. In order to produce graduates in engineering, architecture, quantity surveying, design, town and country planning, facilities management, information technology, transport & logistics management and business it costs less than US\$ 9000 per student for 4 years (recurrent), which is less than the annual salary of many of our new graduates.



The University has set several goals in order to be an active player in the economic development of our country while contributing to making Sri Lanka a “Knowledge Hub” through strategic planning and implementing many initiatives.

By the end of 2019, the University of Moratuwa had an undergraduate student population of 8369 while UOM admitted 1731 students in December 2019 from 2018 A/L batch catching up with some waiting time despite severe space constraints making the University of Moratuwa ahead of many other universities in commencing academic programs for the new intake.

It must be highlighted that the University has been increasing the annual intake of students over 40% overall and 118% in the IT Faculty during the last ten years to meet the increasing demand for our degree programs by students and their parents.

Despite the significant increase in annual enrolment during the last ten years and with limited facilities, the UOM is proud that it continues to maintain and improve the relevance and quality of all of its graduates.

In 2019, 1290 (92%) of 1407 students, who sat the final examinations graduated within the minimum stipulated time period to obtain the first degree. The number of degrees conferred, including postgraduate, at the General Convocation in the year 2019 was 1910 of which 1407 were bachelors degrees and 503 were postgraduate degrees.

Tracer survey done in 2019, on employment patterns of graduates, reported that 91.4% of all graduates were employed at the time of the convocation, showing that the graduates of UOM are much sought after by the industry and its employers.

The third cycle of the Institutional Review (IR) of University of Moratuwa by the University Grants Commission (UGC) was done in the year 2019. The previous two cycles were successfully conducted in the years 2006 and 2013. The university is privileged to obtain an “A” grade (the highest possible grade) for this year’s Institutional Review.

Efforts were taken to commence joint degrees, attract international students, facilitate international visits, facilitate placements for our students in international universities, entering into agreements and Memorandum of Understandings (MOUs) with international universities etc. Some of the activities during the year 2019 include foreign delegations to UOM by several internationals, including Indian Delegations, Delegates from National Taiwan University, A team from Deakin University, Australia , His excellency, the Ambassador of Finland, Team from Delhi Technological University, Delegates from Incheon National University, Korea , Delegation from Shanghai University of Electric Power, delegation from the University of Auckland and from National Sun Yat-sen University, Taiwan to promote collaboration in Academic and Research.

In 2019, several collaborations have been initiated with international Universities and Institutes and UOM is waiting for UGC approval to sign MOUs and Agreements with them. The active notable collaborations include Nagaoka University of Technology, AALTO University Finland, Incheon National University, Ansbach University of Applied Sciences, University of Miyazaki, University of Shandong, Royal Melbourne Institute of Technology, Australia and Deakin University for collaborative research and student / staff exchanges.

UOM continued its excellent performance in 2019 with the recognition received through the performance of its staff and students in many areas nationally and internationally during the year 2019.

It is sincerely hoped that the Government, Ministry of Higher Education and the UGC will take into account the significant achievements of UOM in the past several years and, assist the University to achieve the goals and objectives of the Strategic Management Plan in order to realise its vision to become **“the most globally recognised knowledge enterprise in South Asia”**.

Prof. K. Kapila C.K. Perera
Vice-Chancellor
University of Moratuwa

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CORPORATE GOALS

- Achieve international recognition as a centre of excellence in higher learning
 - Achieve excellence in research, innovation and enterprise with national & international relevance with global recognition
 - Be a premier university in providing education responsive to the national needs and expectations of the industry and society
 - Enhance the intellectual and physical environment at the University to achieve excellence in its activities
 - Create a community of well accomplished, skilled and contented staff and students to meet the conditions of a vibrant university
 - Become a leading expert service provider of advanced technology and consultancy services
 - Be an advisor to the government in policy formulation and national development in all relevant disciplines and higher/professional education in Sri Lanka
 - Quality assurance and efficient corporate governance to be in the culture of the University
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THE COUNCIL

Ex-officio Members:

Vice-Chancellor (Chairman)	Prof. KKCK Perera
Deputy Vice-Chancellor	Prof. PKS Mahanama
Dean, Faculty of Architecture	Prof. ML De Silva (up to 05.12.2019) Dr. DP Chandrasekara (from 06.12.2019)
Dean, Faculty of Business	Prof. ND Gunawardane
Dean, Faculty of Engineering	Prof. NK Wickramarachchi
Dean, Faculty of Information Technology	Mr. PM Karunaratne
Dean, Faculty of Graduate Studies	Prof. (Mrs.) SAD Dias

Members appointed by the UGC:

Dr. Thilak Siyambalapitiya (From 20.04.2015)

International Energy Consultant and the Editor of SLEMA Journal, Former President of Sri Lanka Energy Managers Association, Corporate Member of the Institution of Engineers, Sri Lanka and had worked in the Ministry of Power and Energy and Ceylon Electricity Board on energy efficiency and power generation planning.

Eng. Vajira Kulathilake (From 20.04.2015)

CEO of NDB Capital Holdings Limited (NCAP), immediate past Chairman of the South Asian Federation of Exchanges (SAFE) and Colombo Stock Exchange (CSE), a CFA Charter holder and a Fellow Member of the Chartered Institute of Management Accountants UK (FCMA). Served in key strategic positions including the United States Agency for International Development (USAID), Sampath Bank and CKN Fund Management.

Mrs. Geethanjali Rupika Ranawaka (From 27.08.2015)

Director General of National Intellectual Property Office, Sri Lanka since 2012, Member of the Committee to propose amendments to the Acts of Department of National Archives, Department of Customs., and a member of committees of several other Government institutes, and Implemented several projects at NIPO with the assistance of WIPO during the last 4 years.

Dr. Vinya Shanthidas Ariyaratne (From 22.05.2017)

President of the Sarvodaya Shramadana Movement, a Board Certified Specialist in Community Medicine, a past President of the College of Community Physicians of Sri Lanka (CCPSL) , A Visiting Fellow at the Liverpool School of Tropical Medicine-UK, A Chevening Fellow at the Nuffield Institute of the Faculty of Medicine and Health of the University of Leeds- UK.

Professor Kemal Deen (From 22.05.2017)

Professor of Surgery at the Faculty of Medicine, University of Kelaniya, Fellow of the Royal College of Surgeons London, a Member of American Society of Colon and Rectal Surgery, a Fellow of the National Academy of Science – Sri Lanka, Fellow of the Association of Colon and Rectal Surgeons – India, a Fellow of the Pakistan Society of Clinical Oncology – Pakistan, visiting professor at the Tata Memorial Cancer Centre – Mumbai, India, the Islamic International Medical University, the Christian Medical College, Vellore, India and the International Medical University, Seremban, Malaysia.

Mr. Manil Jayasinghe FCA,FCMA,CIPFA (From 20.04.2018)

Fellow Member of the Chartered Institute of Management Accountants (UK) , Fellow Member of the Institute of Chartered Accountants of Sri Lanka and a member of The Chartered Institute of Public Finance & Accountancy, Vice President of the Institute of Chartered Accountants of Sri Lanka, Chairman of the Statutory Accounting Standards Committee, Member of the Statutory Auditing Committee, Member of the Board of International Accounting Education Standards Board of International Federation of Accountants, Chairman of the Accounting Standards Committee of the South Asian Federation of Accountants (SAFA), Consultant to the Audit Committees of the Listed Companies and council member of CMA Sri Lanka.

Mr. Lilan Randika Wickramarathne (From 20.04.2018)

Attorney- at - Law of the Supreme Court of Sri Lanka and a Registered Company Secretary, Associate Member of the Chartered Institute of Management Accountants (ACMA) (UK) and a Chartered Global Management Accountant (CGMA), Unit Manager – Group Legal and Regulatory of Dialog Axiata PLC.

Mr. Madhura Prematilleke (From 20.04.2018)

Architect and urban designer, was a Senior Lecturer at the Department of Architecture, UoM, Leader of team Architrave, Colombo.

Dr. Tilakaratne A. Piyasiri (From 20.04.2018)

Vice Chairman (Planning) of the National Education Commission, served several state institutions that include the services as the Director General of the Tertiary and Vocational Education Commission (and the Vice Chancellor of the University of Vocational Technology, serves as the Overall Coordinator to align the Technology degree programmes in the universities to the requirements of Professional Institutions for accreditation and Former Senior Lecturer in Mechanical Engineering, University of Moratuwa.

Dr. Sanjiva Weerawarana (From 20.04.2018)

Member of Working Committee on Technology in Sri Lanka National Science Foundation, Member of Chamber Committee in the Ceylon Chamber of Commerce, Member of Board of Director in Sampath Bank, Founder, Chairman & Chief Architect in Lanka Software Foundation
Member of the Computing Standing Committee in University Grants Commission and Member of the Board of Director in Sri Lanka Institute of Nanotechnology (SLINTEC)

Members elected by the Senate:

Prof. MS Manawadu

Prof. PGR Dharmaratne

Registrar (Secretary):

Ms. V Kulasekara – (up to 14.03.2019)

Ms. WMDP Madawala Hulugalla (from 15.03.2019)

Bursar (On invitation):

Mr. KAD Pushpakeerthi

1. REVIEW OF UNIVERSITY ACTIVITIES

The University of Moratuwa (UOM) which is the successor to the Institute of Practical Technology, Katubedda set up in 1960 and the Ceylon College of Technology set up in 1966, commenced functioning as Katubedda Campus on 15th February 1972. Under the provisions of Universities Act No 16 of 1978, the Katubedda Campus of University of Sri Lanka acquired the status of an independent University with its present corporate name “The University of Moratuwa, Sri Lanka”. By the end of 2019, the UOM consisted of five Faculties namely, Architecture, Engineering, Information Technology, Graduate Studies and Business. The Faculty of Business was established in January 2017 while University of Moratuwa eagerly awaits to establish a Faculty of Medicine. At the end of 2019, the University had twenty two (22) academic departments (see Table 1) offering twelve (12) Bachelors degree programs to students selected by the University Grants Commission (UGC). These 22 departments conduct over fifty two (52) postgraduate programs on cost recovery basis out of which 47 programs were conducted in 2019 and new intakes were taken for 32 programs including several new postgraduate programs. The UOM has gained reputation as

one of the best Universities in Sri Lanka today. In terms of education, the University strives to produce “world class graduates” in technological fields – who can gain admission easily to any postgraduate program of a reputed world class University and perform as good as any graduate from an internationally reputed University both in higher studies and in practice. The main goal of the UOM therefore, is to produce academically sound, self-confident, flexible, highly employable, internationally recognized quality graduates who are readily employable soon after graduation, and also to train our students to become “job creators” rather than “job seekers” when they graduate. It should be highlighted that the UOM produces highly employable world class quality graduates in engineering, architecture, quantity surveying, design, town and country planning, facilities management, information technology, transport & logistics management and business at **a cost of less than US\$ 9000 per student** (recurrent), which is less than the annual salary of many of our new graduates.

Table 1-Faculties and Departments of the University of Moratuwa

Faculty of Architecture
Department of Architecture
Department of Town & Country Planning
Department of Building Economics
Department of Integrated Design
Faculty of Business
Department of Decision Science
Department of Industrial Management
Department of Management of Technology
Faculty of Engineering
Department of Chemical & Process Engineering
Department of Civil Engineering
Department of Computer Science & Engineering
Department of Earth Resources Engineering
Department of Electrical Engineering
Department of Electronic & Telecommunication Engineering
Department of Languages
Department of Materials Science and Engineering
Department of Mechanical Engineering
Department of Mathematics
Department of Textile & Clothing Technology
Department of Transport & Logistics Management
Faculty of Information Technology
Department of Information Technology
Department of Computational Mathematics
Department of Interdisciplinary Studies
Faculty of Graduate Studies

The University has set several goals in order to be an active player in the economic development of our country while contributing to making Sri Lanka a “Knowledge Hub” by strategic planning

and implementing many initiatives. Establishing a Faculty of Medicine has also been initiated by the UOM with land acquisition, curriculum development and signing initial loan agreement with Kuwait Government.

With this background, this review first looks at the increased access to higher education at the UOM followed by the University's achievements and recognitions in 2019. Thereafter it looks at the strategic planning aspects, the capital investments, producing innovative & entrepreneurial graduates, university-industry interaction, quality assurance and our efforts in enhancing research profile and internationalization. The review concludes with a brief statement of the constraints faced by the University which hinders its strategic development.

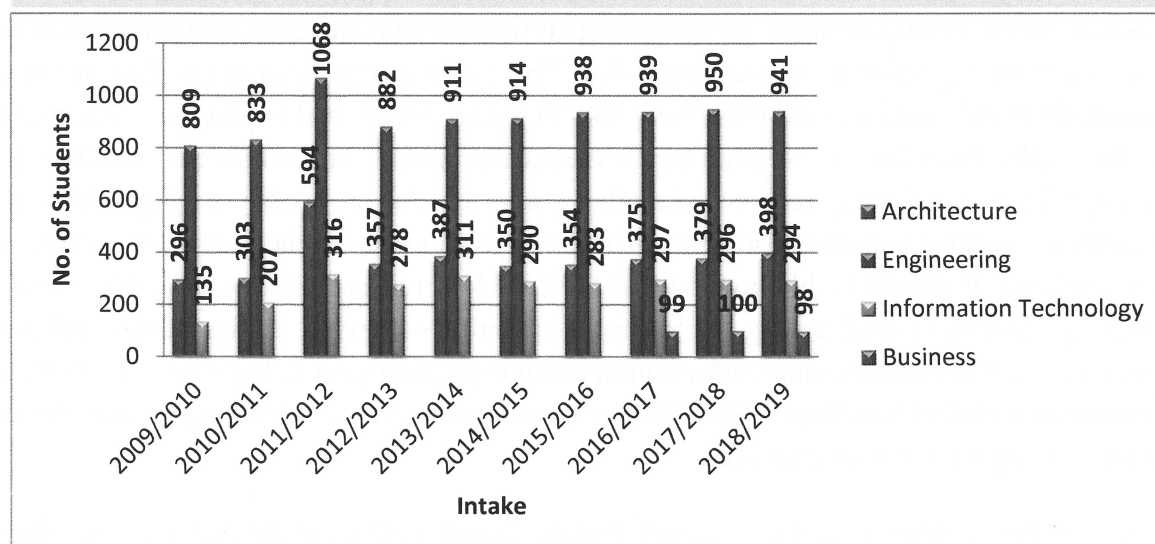
1.1 Increased Access to University Education

In 2000, the UOM established the Institute of Technology, University of Moratuwa (ITUM) to offer the National Diploma of Technology (NDT) program separately from the University, which was earlier a part of the Engineering Faculty. At that time, the University had two Faculties, Engineering and Architecture, with an undergraduate population of 2300 students. The NDT program had 1050 Diploma students. The Faculty of Engineering offered one degree program, B.Sc. Engineering in nine disciplines while the Faculty of Architecture offered two degree programs, B.Sc. in Built Environment and B.Sc. in Quantity Surveying.

By the end of 2019, the UOM had an undergraduate student population of 8369. The Faculty of Engineering offered three degree programs – B.Sc. Engineering (in ten specialised disciplines), B.Sc. in Transport and Logistics Management and B. Design in Fashion Design and Product Development.

The Faculty of Architecture offered six degree programs – B. Architecture, B. Design, B.Sc. in Quantity Surveying, B.Sc. in Facilities Management, B.Sc. in Town and Country Planning, and B.Sc. in Landscape Architecture. The Faculty of Information Technology offered two degree programs – B.Sc. in Information Technology and B.Sc. in Information Technology and Management. From 2017 onward Faculty of Business is offering Bachelor of Business Science degree program with three specialization areas namely, Business Analytics, Business Process Management and Financial Analytics. All these programs are 4 year honours degree programs. In addition, the Faculty of Information Technology offers the Bachelor of Information Technology (BIT) program as an externally delivered program with the assistance of partner institutions.

Figure 1 – Annual enrolments to faculties over the last ten years



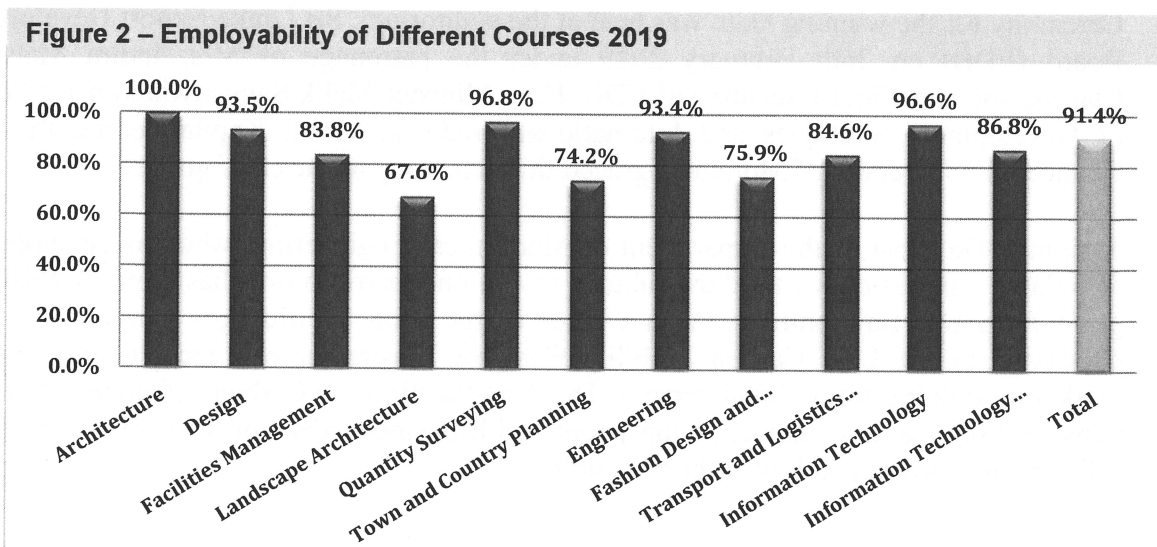
The UOM admitted 1731 students in December 2019 from 2018 A/L batch catching up with some waiting time despite severe space constraints making the University of Moratuwa ahead of many other universities in commencing academic programs for the new intake.

It must be highlighted that the University has been increasing the annual intake of students over 40% overall and 118% in the IT Faculty during the last ten years to meet the increasing demand for our degree programs by students and their parents. Fig. 1 shows the patterns of student intake to three faculties taking undergraduate students over the last ten intakes. 2011/2012 academic year was an exceptional year where university with immense difficulty had to accommodate additional students due to Court decision as a settlement to injustice created to students due to Z score issue.

The UOM launched its first external degree program in Open and Distance Learning (ODL) mode, the Bachelor of Information Technology (BIT) degree in 2006. The Master Plan for the UOM identifies ODL as a means by which the University could significantly increase access to a large number of A/L qualified students, especially in the rural areas, to high quality education provided by the University. The activities of the Centre for Open and Distance Learning (CODL) has been expanding with the competitive grant of Rs. 20 Million received from the Higher Education for the Twenty First Century (HETC) Project in September 2012 for quality enhancement of CODL activities and governance. Funds received under this grant were mostly spent in years 2014 - 2017. This BIT program is mainly delivered through accredited partner organisations and this model is different to the external degrees offered by many other universities as it ensures quality while controlling student numbers. The intake to this program during the year 2019 was 561 and there were 2539 registered students following this program by the end of 2019.

1.2 Achievements and Recognitions

Despite the significant increase in the annual number of enrolments during the last ten years and with limited facilities, the UOM is proud that it continues to maintain and improve the relevance and quality of all of its graduates. Tracer survey done at the convocation in 2019, on employment patterns of graduates, reported that 91.4% of all graduates, 100.0% of Architecture graduates, 93.5% of Design Graduates, 93.5% of Design Graduates, 96.8% Quantity Surveying graduates, 93.4 % of the Engineering graduates, and 96.6% of Information Technology graduates were employed at the time of the convocation, showing that the graduates of UOM are much sought after by the industry and its employers. Fig. 2 shows the employability ratios of each undergraduate program conducted by the UOM.



In 2019, 1290 (92%) of 1407 students, who sat the final examinations graduated within the minimum stipulated time period to obtain the first degree. The number of degrees conferred, including postgraduate, at the General Convocation in the year 2019 was 1910 of which 1407 were bachelors degrees and 503 were postgraduate degrees.

UOM continued its excellent performance in 2019 in terms of recognitions received through the performance of its staff and students in many areas nationally and worldwide and some of the notable ones are indicated below.

International Awards:

- A range of Internet of Things (IoT) products developed at the Dialog-University of Moratuwa mobile communications lab won the coveted 'Industrial IoT Initiative of the Year' award at the 7th annual Global Telecoms Awards (GLOTEL Awards) held in London in November 2019. The winning entry is a result of a 4-way partnership between Dialog, the University of Moratuwa, Axiata Digital Labs (ADL) and Lanka Electricity Company (LECO). As the award signifies, the partnership has demonstrated that home-grown technology can make a global impact, the end-to-end IoT systems experience gained throughout this development process has also enabled the Department of Electronic & Telecommunication Engineering to introduce two new course modules for its undergraduates, as well the Dialog-UOM lab to support several final year projects.
- A group of students of Batch '15 of the Department of Computer Science and Engineering have participated in Microsoft Imagine Cup 2019 and got selected for the regional finals. They are the only team from Sri Lanka who was able to qualify for the regional finals and was one of the 12 teams which were selected for finals. The final round was held on 10th February, 2019 in Sydney. The competing product is named Mind Probe, which aims at helping people with communication disabilities like ALS, and DMS. The brain waves are used to predict a number a person is thinking and this information will be used to interface with a smartphone.
- A group of undergraduates of the Department of Integrated Design (DID), Faculty of Architecture won the pavilion design competition of Creative Youth Program (CYP), Expo2020 Dubai. Upon winning the competition, the team got the opportunity to be involved in the execution phase of Sri Lanka Pavilion for Expo-2020 in Dubai until year 2020. This brought plenty of benefits to the country, including free of duty in fit-cost-construction of Sri Lankan Pavilion inclusive of all freight. The Press Briefing and Certificate Awarding Ceremony for the winning team was held at the auditorium, Sri Lanka Export Development Board (EDB) on 26th February 2019 under the patronage of Mrs. Indira Malwatte, Chairperson and Chief Executive of EDB. Hon. Minister Malik Samarawikrema, Ministry of Development Strategies and International Trade and Prof. Kapila Perera, the Vice Chancellor, University of Moratuwa graced this ceremony as the chief guests.
- Sasiranga De Silva of the Department of Mechanical Engineering, who has developed an affordable conversion kit to allow tuktuks to run on electric power has won a US\$20,000 grant from UN Environment. As a winner of the Asia Pacific Low Carbon Lifestyles Challenge in the Low Carbon Mobility Category, Sasiranga will receive business and marketing training from global experts. The Asia-Pacific Low Carbon Lifestyles Challenge aims to mobilize and support young people with business ideas on how to foster energy efficient, low-waste and low-carbon lifestyles.

- A third year student in Media and Communication Design of the Department of Integrated Design, Faculty of Architecture has been selected as the student representative of Sri Lanka for the Roger Hatchuel Academy of the Cannes Lions festival for creativity 2019. The Roger Hatchuel Academy is an annual five-day training programme, scheduled in France from the 17th - 21st of June 2019. The programme is designed to give students specializing in the field of advertising, communications and other creative disciplines a head start they need to secure a role within the competitive creative industry. It is tailored to the current industry landscape, one which combines classroom sessions and a selection of official Festival content. This opportunity is given only to 40 students across the world and by winning the Cannes Young Lions competition, he gets the opportunity to attend the Cannes Lions Festival 2019.
- Research team of Students and staff from Department of Building Economics won the Best Track Paper Award at the 9th International Conference on Industrial Engineering and Operations Management (IEOM) Conference held in Bangkok, Thailand for their research paper titled "Conflict Avoidance in Construction Stage through Proper Practice in Pre Contract Stage".
- A MPhil student of the Department of Electronic and Telecommunication Engineering, has won three gold medals, one silver medal, and three special prizes at the International Invention Innovation Competition (iCAN 2019) in Canada. His inventions included a guiding device for blind people, a headlight dimming device for vehicles, an automated rail gate control system and a sewing machine monitoring system.
- The 19th Kuala Lumpur International Business, Economics and Law Conference 2019 organized by The Infrastructure University Kuala Lumpur, Selangor, Malaysia was held on August 24-25 at Bangi, Selangor, Malaysia. The Best Paper Award was presented to Dr. Thesara VP Jayawardane at the Department of Industrial Management, Faculty of Business for her paper titled "Sri Lankan Female Entrepreneurs: The Legal Challenges Faced". Her research paper will be published in The International Journal of Business, Economics and Law, Volume 19.
- Spikes Asia, Singapore provides a platform for the Asia Pacific's creative community to come together for a spectacular three-day celebration of creativity in communication. Spikes Asia Festival is considered a once in-a-lifetime opportunity for learning and networking for creative communications professionals across the region. In the Young Spikes Student competition organized under this, students were asked to create a poster in response to a brief provided by UNDP. A Level II student of Media and Communication Design, Department of Integrated Design, Faculty of Architecture, University of Moratuwa won the Gold Medal for the Student Creative Award for Print for his poster design. He also got the opportunity to go to Singapore for a conference, a workshop and an awards ceremony from 25th to 27th September 2019 at the Suntec Convention Center, Singapore.
- A group of students from Electronic and Telecommunication Department were able to present a design idea for a device that helps people with speech disorders to communicate with others. The idea was unveiled at the InnovateFPGA 2019, which is a global FPGA design contest where teams from around the world compete to invent the future of Artificial Intelligence with Terasic and Intel. From the 30 teams which participated, they were able to secure the Iron Award at the Asia Pacific and Japan regional final round of the InnovateFPGA competition.

- Prof. Sisil Kumarawadu was accorded an honorary position of Overseas Distinguished Professor in the College of Electronics and Information Engineering of the Shanghai University of Electric Power (SUEP). Founded in 1951, the 12 distinct Colleges of SUEP engage in a broad spectrum of electric power engineering research, ranging from novel concepts of prime movers in the power plants to power systems cybersecurity. UoM and SUEP have already made important progress in terms of joint research initiatives which include setting up of a Smart Energy Efficient Buildings Joint Research Lab. Prof. Kumarawadu is currently a Senior Professor in Electrical Engineering and Head of the Department of Electrical Engineering, University of Moratuwa.
- Dr. Thilina Lalitharathne, Sanjaya Mallikarachchi and Dulith Chinthaka of Department of Mechanical Engineering won the First Prize at the BrainComputer Interface Hackathon held during the IEEE BIBE 2019, Athens, Greece for their “Brain Signaled Controlled Wearable Surgery Assistant Robot”.

National Awards:

- The Annual MAS Awards Ceremony 2018 was held on 28th of February 2019 at Galle Face Hotel, Colombo with the participation of top ranking personals at MAS cluster and other Universities. Head of the Department of textile and Clothing Technology, Prof.(Mrs) Samudrika Wijayapala and other senior staff members have been invited as special guests to grace this occasion. Two Students of Department of Textile and Clothing Technology received the MAS Award for the Best Overall Student for the year 2018 and Best overall Student for the year 2018 - Fashion Design and Product Development.
- “KDU Logistics Day 2019” a Logistics Case Study challenge, organized by the Management Club of General Sir John Kotelawela Defense University in collaboration with Hayleys Advantis concluded successfully at Hayleys Advantis premises on the 1st of April 2019. TLM undergraduates emerged as the champions as well as first runner up and second runner up.
- An Award was made in recognition of the contribution by Vidya Jyothi Professor KKYW Perera towards Digital Electronics in Sri Lanka. He was the very first Professor of Electronic Engineering in Sri Lanka and he pioneered as the founding Head of the Department of Electronics and Telecommunications Engineering at the University of Moratuwa, and taught Analog and Digital Electronics. He was also the Chairman of the Computer and Information Council (CINTEC) of Sri Lanka and served later as the Chairman of Sri Lanka Telecom (SLT), the government Telecom operator.
- A Level 4 student in the Faculty of Information Technology won STEMUp Most Valuable Volunteer (MMV) Award for the year 2019-2020 on 24th August 2019 at SLT Head Office, Colombo. STEMUp Educational Foundation recognizes individuals who have contributed their valuable time and skills for the benefit of student community and inspired others to volunteer.

- Prof. Sisil Kumarawadu has been awarded the Sri Lanka Education Leadership Award 2019 by the World Education Congress and CMO Asia with CMO Council as its strategic partner. The Award is presented to individuals and institutions who have become role models with their exemplary leadership. The Award is based on a researched process where a shortlist produced by a research cell is reviewed by a jury comprising eight senior professionals around the world.
- The Faculty of Engineering, University of Moratuwa won the Gold Award for the Best University Stall at Techno 2019, the National Engineering and Technology Exhibition, organized by the Institute of Engineers, Sri Lanka. This was held on 11th, 12th and 13th of October at BMICH. University of Moratuwa attained the Gold Award for four consecutive years consecutively competing with other state universities. The exhibition was organized to provide an innovative and exciting experience under the theme “Innovative Engineering towards Sustainable Sri Lanka”. Modern and thrilling exhibits from undergraduate and postgraduate research projects of all Departments of the Faculty of Engineering were showcased at the exhibition.
- HackX 2019 is an Inter University Hackathon organized by the Industrial Management Science Students’ Association of the University of Kelaniya. This year’s event allowed more solid refined startups to emerge through the industrial level product development guidance as an Innovative Startup Challenge. At the competition, undergraduates were given a chance to design innovative and feasible solutions and execution plans to solve existing issues both locally and globally. The team Bits of Erised from the Faculty of Information Technology, University of Moratuwa was awarded 2nd Runners up of hackX 2019 on 29th September 2019, after successfully getting through the initial filtration round, semi finals and finals of the competition.
- Prof. MTR Jayasinghe (Senior Professor), Prof. Mrs. C Jayasinghe (Senior Professor) and Dr. JCPH Gamage of Department of Civil Engineering (Senior Lecturer) became the Presidential Award Winners for Scientific publications in 2017 at the Presidential Awards for Scientific Publication ceremony held in August 2019.
- Professor Gihan Dias of the Department of Computer Science and Engineering was awarded the “ICT Lifetime Achiever Award” for the invaluable services rendered for the development of local ICT Industry. This recognition is awarded jointly by BCS Chartered Institute for IT and ICT Agency (ICTA) of Sri Lanka at the NBQSA Awards Ceremony on 11th of October 2019.
- The Best Safety Academic Award from the National Safety Professionals Association (NSPA) was awarded to Prof. Ajith De Alwis during the National Safety Awards Day conducted by National Institute of Occupational Safety and Health of Sri Lanka of Ministry of Labour and Trade Union Relations. The event took place on 26th September 2019 at Nelum Pokuna Theatre, Colombo.

- Team Legato representing the Classical Music Society of University of Moratuwa was able to win the Best Performance Award along with the Most Popular Award at the Andante 2019 Inter University music competition. This competition was organized by Sri Lanka Technology Campus and the grand finale was held at Nawarangahala, Royal College, Colombo.
- Ms. Tharusha Ranadewa, Lecturer, Department of Building Economics and Prof. Yasangika Sandanayake, Head of the same Department, won the BEPAM Best Paper Award for the paper titled “Lean Enabling Human Capacity Building of Small and Medium Contractors in Sri Lanka” at the 8th World Construction Symposium 2019.
- Ms. Fasna Fasly, Research Assistant of the Department of Building Economics and Dr. (Ms.) Sachie Gunathilake, Senior Lecturer of the same Department, won the BEPAM Highly Commended Paper Award for the paper titled “Energy Retrofits to Enhance Energy Performance of Existing Buildings: A Review” at the 8th World Construction Symposium 2019.
- Ms. Kaveesha Dewagoda, Lecturer attached to the Department of Building Economics, received the CIOB Best Presenter Award for the paper titled “A Conceptual Knowledge Value Chain Model for Construction Organisations Engaged in Competitive Tendering” at the 8th World Construction Symposium 2019.

1.3 Master Plan and the Strategic Management Plan

The Master Plan for the UOM was developed for 2020 and 2030 by a team of staff members from the Faculty of Architecture. All the current physical development activities at the UOM are carried out in accordance with the Master Plan. With the rapid expansion of the University, a revised Master Plan for 2020 and 2030 is being developed by a team of experts representing all the faculties of the University, in line with the national development plans and Corporate Plans of Ministry of Higher Education and the UGC incorporating rapid development of UOM physical infrastructure facilities.

The Strategic Management Plan (SMP) 2017-2018 was developed revising the previous Corporate Plan 2010-2015 and after extensive discussions with all stakeholders during the latter part of year 2013 which was approved by the University Council in March 2014. The review of the SMP 2014-2018 shows that UOM has achieved most of its goals and objectives where financial commitments to achieve them were not so significant and is well on the way to achieve the rest.

A two-day brainstorming workshop was held on January 2017 to update the SMP for 2017-2021 with the participation of the Vice-Chancellor, Members of the Council, Members of the Senate and selected Academic and Administrative Staff of the University while another workshop was conducted as a one-day workshop February with the participation of the Vice-Chancellor, Deputy Vice-Chancellor, Registrar, Deans of Faculties and Acting Librarian with a selected number of staff in the categories of Academic Support and Non Academic Staff.

1.4 Capital Investments

The UOM received significant funding for its physical infrastructure development and Table 2 provides details of construction projects that were completed and on-going during the last five years commensurate with the expansion of the academic programs.

The capital investment from funds received from the Treasury through the University Grants Commission (UGC) during 2019 was Rs. 128.6 million for construction, Rs. 73.42 million for rehabilitation of capital assets, Rs. 77.48 million for strengthening research and Rs. 143.96 million for acquisition of fixed assets.

Table 2 – Capital Infrastructure Development Projects during the last 5 years.

Project	Value (Rs. Million)	Status
Faculty of Architecture – Phase II (Town & Country Planning)	140	Completed in 2015
Student Centre and Canteen Extension	57	Completed in 2015
Highway Testing Laboratory Phase I	6.7	Completed in 2015
Hostel Building 1 (Pre-fabricated) under hostel project (funded directly by the Ministry)	196.4	Completed in 2016
Hostel Building 2 (Pre-fabricated) under hostel project (funded directly by the Ministry)	196.4	Completed in 2016
Faculty of Information Technology – Phase II	205	Completed in 2016
Faculty of Architecture – Phase IV (Architecture)	150	Completed in 2016
Faculty of Architecture – Phase III (Integrated Design)	110	Completed in 2017
Extension to Administration Block	282	Completed in 2017
Lecture Room Building for Faculty of Architecture (Steel)	164	Completed in 2017
Multipurpose Building for Faculty of Engineering (Steel)	184	Completed in 2017
Highway Testing Laboratory Phase II	23.7	Completed in 2018
Department of Textile & Clothing Technology	307	Completed in 2018
Balance work for Ground & Mezzanine Floors of Textile Extension Building of Department of Textile & Clothing Technology	28	Completed in 2019
Building for Department of Building Economics	75	On-going
Department of Materials Science & Engineering	439	On-going
Female Hostel (for 400 students)	194	On-going
Hostel Building 3 (Pre-fabricated) under hostel project (funded directly by the Ministry)	196.4	On-going
Proposed Building for Department of Mechanical Engineering	247	On-going

1.5 Producing Innovative and Entrepreneurial Graduates

The UOM created the “NDB Bank Endowed Professor/Fellow in Entrepreneurship” in 2010, the first such industry supported chair in the university system with financial assistance from the National Development Bank with a commitment for three years. First Endowed Professor under this initiative was appointed in October 2010 and the entrepreneurship initiatives taken under this significantly improved the entrepreneurship culture in the University mainly with Young Entrepreneurs Sri Lanka (YESL) program and minor specialization of Entrepreneurship introduced to engineering degree curricula.

Another important initiative of the University was to establish a similar endowed chair on “Innovation and Entrepreneurship” with funding from the Industrial Financial Services (IFS) with an investment over Rs. 16 million over a period of three years. An agreement for this purpose was signed in November 2014 and the new entrepreneurship initiative was formally launched from September 2015 with the appointment of a senior fellow in Innovation and Entrepreneurship.

Under the university strategies to establish facilitation mechanisms for inventions, innovations and entrepreneurship and promote culture of entrepreneurship among university students and staff, some notable initiatives were taken during 2017. “The Enterprise”, Sri Lanka’s first government university based startup co-working space was declared open. The Enterprise enabled the university to house more than 25 startups at present, with further facilities to be added with already proposed private sector partnerships. The Enterprise will be the University of Moratuwa’s Center for innovation, entrepreneurship and technology licensing. While providing an open office environment for university startups, it aims to foster collaboration and facilitate further innovation within the university itself.

The co-working space is capable of housing 15 student startups at the start and 3 industry startups (startups by graduates). Each and every selected student startup will be given the opportunity to obtain 2 to 3 seats in the incubator with Wi-Fi, free of charge along with access to the in-house meeting room and the pantry. Also, the three industry startups will be allowed to obtain 5 to 6 seats offered at a discounted rate. The selection criteria to co-working space are specifically drafted ensuring the selection of most outstanding startups. Currently, University of Moratuwa has brought up more than 80 startups at various stages in startup life cycle. Mora Ventures, initiated in February 2017, is the ongoing startup incubator at University of Moratuwa. Mora Ventures is expected to take place quarterly until Sri Lanka’s first ever unicorn (over USD 1 billion worth startup) is founded by the year 2027.

A newly built medic drone was ready to deliver blood samples over the air for the first time in Sri Lanka. This drone is a further improvement of its two predecessors MoraHex and Hornet. MoraHex was tested earlier for fully autonomous package delivery in February 2019, and the Hornet was tested for fully autonomous vertical takeoff and landing (VTOL) capability. By combining the two, the MoraMedic drone has been created with the capability to carry 8 test tubes filled with blood samples from a hospital to a research centre which is 11km away. It lands autonomously at the designated location at the research centre and releases the box containing blood samples, and immediately flies back to the hospital. This drone was developed by the Unmanned aerial vehicle research laboratory of the University of Moratuwa under the supervision of Prof. Rohan Munasinghe.

A research team of Department of Electronic and Telecommunication Engineering developed an electronic score board for the Ministry of Sports Development, on a request to overcome the issues in traditional scoring. This electronic score board was mainly designed for Kabaddi, but, could be easily modified for other similar sports as well. While showing the result to the score enterer, this score board projects the same on to a second larger screen for the spectators and players. In addition to scoring, it also has a siren which generates alarms, countdowns, time-out etc. This electronic score board has been used for actual games a number of times where it has been tested for proper functionality and performance. A team of match referees were trained to operate and maintain the electronic score board.

Level III Media and Communication Design students of the Department of Integrated Design, Faculty of Architecture developed a design project on packaging design. The project was an

initiative to uplift the Sri Lankan packaging design industry and game board manufacturers. This helped students to understand the current practices in the local packaging industry and, to propose diverse packaging solutions. The innovative ideas of students and project development was constantly reviewed by representatives of the following companies: JF&I Packaging, Print Care (Pvt) Ltd, Anim8 (Pvt) Ltd, Javana Graphics (Pvt) Ltd (Panther products). The project concluded with 13 board Game designs and concepts.

Further University of Moratuwa has developed a precision surveying quadrotor drone, called “Mora-X”, for commercial applications. The drone has a REACH M+ Real-time kinematic (RTK) GPS sensor interfaced to the flight controller to register the aerial photos with precise geo-location by comparing and correcting temporal anomalies in GPS signals with REACH RS+ reference station on the ground (PPK- Post Processed Kinematic). Shutter signal of the 20MPix camera is used for GPS tagging, thus, reducing position error caused by time difference (about 100ms) between trigger command and camera shutter. Camera is tilted down by 7 degrees, the same pitch-down angle of the drone while cruising in surveying missions so that the aerial photos are all perfectly registered. With all these features, Mora-X has been able to achieve a georeferencing accuracy of 3-4cm in aerial surveying. Commercialization of the drone will take place through the “Enterprise – University Business Linkage Cell”. Mora-X was designed by Prof. Rohan Munasinghe and developed by the unmanned aerial vehicle research team.

University of Moratuwa has successfully tested artificial intelligence (AI) for realtime traffic sensing, most probably for the first time in Sri Lanka. A research team lead by Prof. Rohan Munasinghe has developed a sensor unit which has a miniature camera to take images of the road, process those images, and run a Deep Neural Network Robotics, University of Moratuwa, presented a research paper titled “An Exploratory Study on Proxemics Preferences of Humans in Accordance with Attributes of Service Robots” at the 28th IEEE International Conference on Robot and Human Interactive Communication (RO-MAN) held from Oct 14 - 18 in New Delhi, India. Mrs. Samarakoon is a PhD. (DNN) to infer the traffic level in real-time. The not- thatdeep DNN was trained using a set of traffic images taken at Maharagama junction on Piliyandala outer circular road. These images range from very low (intensity 1) to very high (intensity 5) traffic levels. After training, the sensor unit was deployed at the same location for accuracy testing. During testing, the sensor displayed the real-time traffic intensity on its display as shown at the bottom right corner of each figure, using a number ranging from 1 to 5 (very low traffic to very high traffic). The team has so far completed only the proof-of-concept part disregarding processing delay and inadequate camera student at SUTD, Singapore.

The paper was compiled based on research work conducted in Intelligent Service Robotics Group, University of Moratuwa. The paper was co-authored by Dr. AGBP Jayasekara, Department of Electrical Engineering, University of Moratuwa, Dr. MAVJ Muthugala, SUTD, Singapore, and Prof. M R Elara, SUTD, Singapore. height. Keeping the cost per sensor unit lowest was one key objective so that this technology is made economically feasible in large scale deployment. Nevertheless, an intriguing result has already been achieved. Next, the team will further develop the sensor unit and deploy a bunch of these sensors at the same location (four-way junction) for traffic light control liaising with the respective authorities. The success of this project will avoid unnecessary waiting of vehicles, presently caused by static signal timing. This project. funded by the World Bank through a AHEAD grant is a part of ITS (Intelligent Transport Systems) multi-disciplinary research group of the University. The initial stage of the project was funded by the Innovation Quotient (Pvt) Ltd.

By 2019, the University has 33 patent applications which are being processed by NIPO for patent grants.

These initiatives will complement the already established entities such as Intellectual Property Advisory Committee (IPAC), University Industry Interaction Cell (UIIC), and incubators in departments and faculties, in the University's efforts to foster the entrepreneurship ecosystem. They will no doubt significantly contribute towards making our graduates "job creators than job seekers" and for the staff members to obtain patents for their inventions leading to possible commercialization.

1.6 University Industry Interaction

Effective University Industry interaction is one of the strongest attributes of the UOM. Common initiatives include part time Postgraduate courses to industry practitioners, Short courses, Training and Continuous Professional Development (CPD) courses, Seminars, Workshops, Consultancy and Testing assignments, industry funded R & D Laboratories, Endowed Chairs, Department Industry Consultative Boards, Faculty Industry Consultative Boards and Corporate Social Responsibility activities. The University strongly encourages these interactions with the Industry and Society as they bring benefit to the staff members, students and the institution alike in addition to supporting development of the industries and thereby economy of the country.

Industry funded research Centres is another important mechanism for successful university industry collaboration. The Dialog UOM Research Laboratory for Mobile Communications has been a successful model for industry based research and product development in telecommunications established about a decade ago. The success of this lab has led to the establishment of the, "Zone 24X7 UOM Research Laboratory" for electronics related new technologies, "SIL-UOM laboratory" for product and process development of rubber and leather products, "Premium International-UOM" for Bio medical technologies, Ceylon Pencil Corporation ATLUS-UOM for Stationary Technologies, INSEE – UOM for material research, Textured Jersey for student industry placement and training including foreign training, strengthening research, design and technical capabilities, product development and support for Annual Fashion Show, "Epic-UOM Innovation Lab" to construct an in-house, fully-equipped state-of-the-art research and innovation centre, setup and operate a Micro-Grid pilot project and a Smart Grid Research Laboratory in the Department of Electrical Engineering with collaboration of Lanka Electricity Company and Asian Development Bank (ADB) and "QBITS" as the first Artificial Intelligence Innovations Lab in Sri Lanka.

Another few initiatives were taken in 2019 strengthen the university industry collaboration. One such is the deployment of an innovative Internet of Things (IoT) enabled smartgrid solution to introduce Prepaid Electricity Metering to Sri Lanka at the "GSMA Mobile for Development Utilities Asia Industry Forum 2019" together with the Dialog Axiata PLC, Lanka Electricity Company (LECO) and the Ministry of Power and Renewable Energy. The event was inaugurated by the Minister for Power, Energy and Project Implementation. The Dialog-UoM lab developed the smart meter module which was integrated with LECO's electronic energy meter. This enables the meter to maintain a prepaid wallet, with which consumers will be able to reload their electricity meter as and when it is convenient. This is similar to how a prepaid mobile is reloaded, rather than having to pay a monthly bill. The smart-grid solution is supported by IoT and an analytics platform developed jointly by Dialog and LECO.

Another initiative was to establish A Timber Design Innovation Center (TDIC) to uplift the Moratumulla timber based industry collaboratively with The Coordinating Secretariat for Science Technology & Innovation (COSTI) under Ministry of Science, Technology and

Research (MSTR) in cooperation with Department of Integrated Design, University of Moratuwa. The successful establishment of the center will enhance and introduce the Sri Lankan timber and timber based industry to high-end global export market and, in the future this will function as a fully-fledged center to support the timber sector.

The Opening Ceremony of SLIoT Design Innovation Lab was held on the 29th October 2019 at the University of Moratuwa. The Lab was declared open by Prof. Kapila Perera; Vice Chancellor of the University of Moratuwa and Mr. PG Kumarasinghe Sirisena; Group Chairman, Sri Lanka Telecom PLC, in the presence of SLT senior management, Deans of Faculties and Heads of Departments of the University. The lab, a joint venture between the Department of Computer Science and Engineering of the University of Moratuwa and Sri Lanka Telecom, supports student work in Internet of Things (IoT) based solution development at both prototype and field deployable levels. It comprises state-of-the-art test and measurement equipment for IoT product building, and unlike a typical study environment, it also has space designed for student group work, brainstorming and software design and construction. Ongoing projects in smart healthcare, smart retail, intelligent manufacturing plant monitoring, and autonomous indoor navigation were demonstrated at the inauguration ceremony.

The Faculty of Business partnered with LAKARCADE (Pvt) Ltd, one of the biggest novelty Gift & Souvenir shopping malls in Asia located in the heart of Colombo to provide gainful engagements to BPM undergraduates in the areas of business process analysis and improvements at their premises. In order to reach this agreement, the initial meeting was held successfully at the Head office of ALKARCADE with the top management and a team of academics from UoM, including the Dean Business and several academics from the Department of Management of Technology on 30th December 2019.

The policy of the University Council is to ensure that all staff members fulfil their defined academic work norms and academic loads for undergraduate activities to ensure that they are academically accountable for the grant given by the UGC from the Consolidated Fund of the Government, while engaging in University Industry Interaction activities. All of the other services provided by the University to the Industry and Society, such as courses offered for higher training and qualification upgrading of graduates; Training programs, CPD courses, Research and Development projects, Seminars, Workshops and other academic assignments conducted to develop and transfer knowledge and technology; Consultancy and Testing assignments to Industry; and Corporate Social Responsibility activities, are on **Cost Recovery** (self-financing) basis according to Public Finance Circular 380. Thereby, UOM fulfills its obligations to Society and Industry at **no cost** to the Government.

Through these actions the UOM generated Rs. 623.10 million in 2019 by carrying out such **Cost Recovery** (self-financing) activities and industry initiatives for entrepreneurial activities. The generated income was utilized according to Public Finance Circular 380 on non-profit basis.

1.7 Quality Assurance

Quality Assurance at UOM is a process embedded in University Management that efficiently and reliably achieves, in a systematic, consistent and transparent manner, the standards of its key processes encompassing teaching inputs, learning outcomes, research platform, performance assessment, student services and extra-curricular activities encompassing the administrative system, to assure students, staff, employers and society-at-large of the quality of its services and

products. The QA policy of the University is intended to develop and inculcate a QA based culture within the institution that is to be embraced by all staff, academic, non-academic and administrative and also by the students.

Quality Assurance Strategy (QAS) falls in-line with the Vision and Mission set out in the University SMP. In operationalizing the SMP, the University Management establishes the systems, processes and monitoring mechanisms to ensure the quality of its services and products meet judiciously set benchmarks and targets. Hence, Goals specified in the SMP have been converted to Quality Policies, which are distilled into Quality Objectives, each of which is broken down into prioritised Actions under the leadership of the Internal Quality Assurance Unit (IQAU) of the university. The Officer/Stakeholder responsible for making progress in each Action has been identified and continuously monitored in line with the guidelines of the Quality Assurance and Accreditation Council (QAAC) by way of external and internal reviewing that takes place at designated periods. The university Senate and the Council reviews the activities of the IQAU at their monthly meetings. Internal Quality Assurance Unit was declared open by, Vice-Chancellor of University of Moratuwa in November 2017 in the new Administrative Building.

The University requires its primary stakeholders, staff and students, to have a rewarding experience at Moratuwa and the QAS offers a definition of what that means. It also paints a clear picture of what constitutes excellent teaching and learning at a prestigious University of international scale. The QAS looks at the external and internal context in which teaching inputs and learning outcomes take place, including postgraduate and research thereby describing new mechanisms at Faculty level for improving and maintaining standards. The faculty level QA Cells work along with the IQAU in this regard with its network extending up to individual academic departments and divisions.

The QAS also focuses on what staff and students from diverse backgrounds need if they are to be able to take advantage of the opportunities available, thrive academically and personally, develop necessary knowledge and skills to enter into a profession with global challenges and contribute to the success of the wider world of work and also to pursue a career through postgraduate qualifications and research. Part of this is about the quality of teaching, research, mentoring and the value placed on it by the institution, and the QAS incorporates actions designed to ensure that the UOM remains synonymous with professional excellence in this regard.

Further, the QAS treats teaching inputs, learning outcomes, performance assessment, research, scholarship and enterprise as complementary, and helps to establish a distinctive view of their interrelationship. In an increasingly competitive environment in meeting global challenges, with growing pressure to provide what individuals and societies need and to differentiate the institution from its competitors, the QAS helps to reassert the different strands of the UOM's mission depicting the differentiating elements. UoM has also developed several related policies in this context, in particular that related to plagiarism in view of enhancing the quality of assessment and that of all academic documentation. It should render the University better able to deal with change without compromising on the values that have always sustained it.

The third cycle of the Institutional review (IR) of University of Moratuwa by the University Grants Commission (UGC) was done in the year 2019. The previous two cycles were successfully conducted in the years 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 was formed under the leadership of the Vice-Chancellor comprising (not limited to) DVC, Director/Quality Assurance, Deans of Faculties, Registrar, Bursar, Librarian, Senior Academics and Administrative Officers, which worked

towards the submission of this SER. The steering committee was ably 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 international reviewer who is an internationally renowned QA expert. The panel made its site visit to the university from 16-21st December 2019, following their desk evaluation of the SER submitted by University of Moratuwa. The review panel then submitted their review report to the UGC with their commendations and recommendations giving an “A” grade to the university which was then forwarded to the Vice-Chancellor by the UGC.

The whole IR process was coordinated by the (IQAU) of the university under the guidance of the Director/Quality Assurance with the logistical assistance from DR/Academic & Publications and AR/External Affairs & Publicity.

Towards our vision to become a world class university, the UOM has been striving to rise in world rankings and in 2019 the UOM maintained the Third best in Sri Lanka and 2543 in the world (top 20%) by December 2019 in Webometrics ranking of world universities. Due to the nature of webometrics evaluation criteria, it is difficult to improve the position for a medium size university like UOM.

The UoM was ranked in the 351- 400 slot among the 499 universities considered for QS Asia University Ranking 2019 (QS AUR 2019) out of around 12,000 universities in the Asian region for the first time and this makes University of Moratuwa one of the top 2.5% Universities in Asia.

This is in addition to maintaining International accreditation for several undergraduate programs, from CILT, IMechE, CText, IChemE, RIBA, RICS, CICES, PAQS. With the Institution of Engineers, Sri Lanka (IESL), which is the accreditation body of engineering academic qualifications, becoming the full signatory of the Washington Accord in June 2014, all engineering degrees offered by the UOM are now considered qualitatively equivalent to those offered by world’s best universities.

During the year 2019, there were several accreditation visitations mainly to renew the accreditations already acquired and in a few cases new accreditation. The Institution of Engineers Sri Lanka (IESL) re-accredited/accredited BSc Eng degree programs offered Faculty of Engineering during 2019.

The University holds a monthly “Pasuviparama” meeting chaired by the Vice-Chancellor between the University Officers and the representatives of all the Trade Unions since March 2006 to discuss ways and means of improving the productivity of the University and the staff to achieve the objectives of the University. In addition, a monthly liaison meeting is held between the Officials of the University and the Committee Members of all the Student Unions, chaired by the Vice-Chancellor to discuss important issues related to the student community that need to be addressed within the month. Further, all Faculties hold a monthly Staff Student Liaison meeting, chaired by the Dean of the Faculty to discuss and resolve all the student issues at Faculty level. All of these meetings are part of the annual calendar of the University.

During the year 2019, several more initiatives were taken for systems improvements. These include emphasis to develop the Management Information Systems for administrative functions such as student registration, results processing, transcript issuing, student welfare, supplies function, vehicle booking, asset management, facilities management, document control, establishment matters, staff development matters etc. By end 2019, some modules were deployed and others were in the development, implementation and testing process.

1.8 Research Initiatives

UOM considers research as an essential activity for all academic staff. With the establishment of the Faculty of Graduate Studies in January 2015 with specific emphasis on promoting research degree programs supported by the Director/Office of Research, the university research activities and research culture have significantly enhanced.

The University offers three research degrees, Master of Science (with a major component of research), Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) through Architecture, Business, Engineering and IT faculties. The FGS seeks to enhance these programs through strategies to streamline administrative procedures, to attract high quality students, to explore new research partnerships and funding opportunities, and to enhance research capacity within the University. The FGS works closely with the Office of Research and the Office of International Relations in these efforts. In 2019, 127 new research students were enrolled including 18 PhD students.

In year 2019 several other initiatives were taken to further enhance research and dissemination of research outcomes. These include: Grants for organizing international conferences (Rs. 5 Mn administered through Faculty of Graduate Studies); Grants for hosting reputed overseas academics (Rs. 3 Mn through Faculty of Graduate Studies); Vice Chancellor's scheme for conference attendance and open access publishing using generated funds (through Senate Research Committee); and Revised awards scheme with improved benchmarks and based on a single year's performance. In addition, during the year 2019, the FGS introduced many initiatives to promote research culture in the university including improvements to the research administration and management system, conduct of several workshops and seminars to enhance research and dissemination capacity of academics.

Academics are encouraged to secure funding for research from external funding agencies, both internationally and locally. In 2019, the University received Rs. 48.5 million from external funding agencies and in addition, the University funded research projects of Academic Staff through the Senate Research Committee (SRC). During the year 2019, SRC granted 58 short term grants, 26 long term grants, and 1 capital incentive grants totalling to Rs. 77.48 million.

The above initiatives and actions have improved research performance notably as indicated by increase in research excellence awards with 196 academics. It has also improved high quality publications in indexed journals from 12 in 2013 to 21 in 2014, 40 in 2015, 66 in 2016, 138 in 2017, 189 in 2018 and 261 in 2019 (38% increase compared to last year).

It is expected that these initiatives and activities will have significant boost in research output - the number of research degrees and publications, quality of research and publications, research funding and research collaborations.

1.9 Internationalization

The University of Moratuwa continued to provide great emphasis on internationalization during the year 2019. In order to provide a greater effort, a Director/International Relations was appointed in September 2015 with the objective of providing focused attention to many ways of enhancing the international outlook of the University of Moratuwa. Efforts were taken to commence joint degrees, attract international students, facilitate international visits, facilitate placements for our students in international universities, entering into agreements and MOUs with international universities etc. Some of the activities during the year 2019 include foreign

delegations to UOM by several internationals, including Indian Delegations, Delegates from National Taiwan University, A team from Deakin University, Australia, His excellency, the Ambassador of Finland, Team from Delhi Technological University, Delegates from Incheon National University, Korea, Delegation from Shanghai University of Electric Power (SUEP), delegation from the University of Auckland (UoA) and from National Sun Yat-sen University, Taiwan to promote collaboration in Academic and Research.

At present UOM have more than 25 collaborations with international universities and some of them are very active. In 2019, several collaborations have been initiated with international Universities and Institutes and waiting for UGC approval to sign MOUs and Agreements with them. The active notable collaborations include Nagaoka University of Technology, AALTO University Finland, Incheon National University, Ansbach University of Applied Sciences, University of Miyazaki, University of Shandong, Royal Melbourne Institute of Technology, Australiya (RMIT) and Deakin University for collaborative research and student / staff exchanges.

During 2019, University of Moratuwa has over 15 full time international students. In addition, there are several schemes whereby international students spend short periods at the University of Moratuwa under various student exchange programs.

1.10 Sports and Recreational Activities

UOM sportsmen/ women participated in the Sri Lanka University Games (SLUG) 2019 held at University of Ruhuna and placed second in Men's Championship while Third in overall Championship among 14 Government Universities. UOM won the SLUG Rowing (Men), Taekwondo (Men & Women) and Table Tennis (Men & Women) Championships. Uom was runners up in Badminton (Men), Basketball (Men), Chess (Men & Women), Football and Rowing (Women) while winning the bronze medal in Basketball (Women), Carrom (Men & Women), Karate (Men) and Rugby Football.

UOM organized the annual Mora International Cricket Sixes 2019 with 18 teams including PES University of Bangalore, India. UOM also organised the annual Academic Mora Seven's Rugby Football Tournament, UIM Shuttlers Fest Badminton Tournament, Mora Smashes 2019 the Table Tennis Tournament, Mora Cup Football Championship, Gamunu Rathnayake Memorial Volleyball Quadrangle Tournament and the MORA Hockey Sevens 2019.

The Colours awards Ceremony 2018 was held on 13th March 2019 at the Civil Engineering Auditorium and 450 sportsmen and women were felicitated with University Colours for various sports. Vice Admiral Piyal De Silva, the Navy Commander was the Chief Guest and SAB Silva, the captain of Rowing was awarded with the best alround student – Sports & Academic Award. Four students of the UOM, Mevan Abeywickrama, Supun Warusawithana and Nuwani Navodya of the University Table Tennis Team and N Rajendran of Tennis women team represented Sri Lanka Universities at the World University Games held in Italy in August 2019. Mr. Luxman Wijesuriya, Instructor of Physical Education was appointed by the SLUSA as the head of delegation of the National University Sports Contingent of 67 which attended the FISU Summer Games 2019. Mr. KRDC Rathnamudali, the Director of Physical Education was appointed as the team manager of the taekwondo Team.

A level three student of Department of Integrated Design won the bronze medal for Sparring (63-68 kg weight category) at the Colombo district Taekwondo selection rounds, organized by Sri Lanka Taekwondo Federation, in parallel to Sri Lanka National Taekwondo Festival. A final year student of Department of Textile and Clothing Technology represented the National Taekwondo Team and was able to obtain a silver medal from women's team poomsae (team demonstration) event (above 24 age category) at 13th South Asian Games held in Nepal from 1st to 10th

December 2019. A first-year student of Department of Textile and Clothing Technology represented the National Karate Team and was able to obtain a bronze medal from Kumite (fighting) event at 13th South Asian Games held in Nepal from 1st to 10th December 2019.

FIT SIXES is a six-a-side cricket tournament organized annually by the Student Union of the Faculty of Information Technology to strengthen the bond among graduates, undergraduates and academic staff of the Faculty. "FIT Sixes 2019" was held on 26th October 2019, at the University premises with the participation of teams from Faculty of IT undergraduates, graduates and IT Professionals in the industry. "Extrogene Software" was the main sponsor of the event and FIT Moments (IT Faculty official media unit) was the official media partner for the event.

Annual Tamil Thai Pongal Celebration organized by Tamil Literary Association of University of Moratuwa for the year 2019 was held on 27th January 2019 at the University premises with the participation of more than 800 people. All students played an active role in the event reflecting a heightened sense of brotherhood among students while The students and staff of Department of Civil Engineering celebrated the Sinhala and Tamil New Year with much vigor and excitement with organizing the "CIVIL APE AVURUDU – 2019".

Earth Resources Engineering Society of Department of Earth Resources Engineering organized a multi-religious event for the purpose of remembering two students who had passed away, and also to develop respect, empathy and social harmony among students in the Department.

A community service project by the Fashion Design Students' Society (FDSS), of Fashion Design Degree Course, Department of Textile & Clothing Technology took effect on May 10th 2019 at the Aniyakanda Hospital, Kandana. The objective of this project was to help and develop mental health sector in the society. FDSS identified a psychiatric ward, "SuwaMansala" of Aniyakanda Hospital as lacking in crucial aspects and decided to improve the quality of life of in-house patients. Sneha 2019 The annual CSR project "Sneha 2019" organized by the Society of Transport and Logistics(STL), made a start on 5th July 2019 for the fourth consecutive time extending hands of compassion and brotherhood to students in Muththettupola Vidyalaya, Pallebadda, Ratnapura. Sneha 2019 organized a 3-day seminar for O/L students in Muththettupola Vidyalaya conducted by undergraduates of Department of Transport and Logistics Management (TLM), University of Moratuwa. With the financial assistance of South Asia Gateway Terminals (Pvt) Ltd and Hayleys Advantis Limited, the dilapidated building of the school was renovated and brought back to usable condition. The annual community service project organized by the Earth Resources Engineering Society (Department of Earth Resources Engineering) called "Gurugedarata Arunellak" took place on 11th November 2019 at Monaragala Viharamadevi Primary School, Buttala. The objective of this event was to donate books, computers and science laboratory equipment and sports equipment etc. to the school in order to facilitate student learning.

The 5th Annual Ice Cream Dansala The 5th annual ice cream dansala organized by Department of Mechanical Engineering was successfully held at the Department premises on June 19th 2019 with the participation of many students and staff members. Students of the Faculty of Business have organized a CSR project for Piliyandala Dharmaraja Maha Vidyalaya and charity event at the Salina Alwis Gunaratne Home for the Elders.

Sarasavi Gee Sisila , The annual musical extravaganza organized by students of the Department of Building Economics was held for the 24th consecutive time on 26th of July 2019. The creativity and commitment of the students in the Department towards organizing this event was reflected in the glamour and success of the event while Rhythm Divine – 2019, The Annual Talent Show of the Department of Transport and Logistics Management organized by the Society of Transport and Logistics (STL) was held successfully at the University premises.

UoM Leos marked the end of another successful and victorious Leostic year last month. Proving their eminence in serving humanity, they became the Most Outstanding Leo Club of Sri Lanka for the second consecutive year, which is the highest recognition that a Leo Club in Sri Lanka can receive. UoM Leos, as a pioneering Leo Club in Sri Lanka, organizes a large number of community service projects per year. Among them “NenaDiyawara”, which is a seminar series held in six phases relevant to Ordinary Level Examination, has been able to lighten up the lives of hundreds of students in rural schools. This project was praised with a couple of awards at Leo Multiple Awards Ceremony. “The Symphony of Cure” was also an awardwinning project done by UoM Leos to heal the hearts of tiny tots at Apeksha Hospital, Maharagama.

The first INTECS outreach for the year 2019 was held in Anuradhapura for two consecutive days, furnishing young individuals of two reputed schools with the knowledge of Information Technology. It was held on June 24th, 2019 in Anuradhapura Central College and on June 25th 2019 in Walisinghe Harischandra College, Anuradhapura. This outreach program was organized with the aim of providing guidance to students regarding their ICT education in school, promoting field of information technology among the students, and encouraging them to pursue higher education. Being the first outreach program for the year 2019, the outreach to Anuradhapura was a great success with a remarkable participation of over 200 students on each day. Valuable feedback was received regarding the program from students as well as teachers of both schools. Participation and the effort of 35 undergraduates of Faculty of Information Technology was one of the factors for the success of this outstanding outreach program.

The Electronic Club of the Department of Electronic and Telecommunication Engineering organized “Expose 2019”, an exhibition to commemorate the Department’s Golden Jubilee on the 18th, 19th and 20th January 2019. Throughout the past 50 years, the Department of Electronic and Telecommunication Engineering has paved the way for countless young Sri Lankan undergraduates to extend their reach to the far ends of cutting-edge technology. The numerous awards won nationally and internationally by the students of the Department and competent professionals produced by the Department are unmistakable proof for the excellent quality of teaching and guidance given. “Expose 2019” was a significant event as it showcased the expertise and potential of students via numerous items and events. The 14th Batch of the Department showcased some of their outstanding final year projects at the event. The exhibition also included many stalls containing games and fun activities as well as a drone show, which was organized at the University grounds. Another special activity of the exhibition was “Expose TV”, a live broadcast of the entire event, which was entirely undertaken and run by the undergraduate students. For this, a live studio was set up within the Department where the videography, editing, broadcasting were done. The participants could take a tour of the studio when live recording was not taking place. Having offered a remarkable experience for the participants, and the organizers, the exhibition came to an end on 20th January.

HackMoral 2.0 Extra-Curricular Activities Information Technology Society (INTECS) organized HackMoral 2.0 on June 29th 2019, at the Old gymnasium, UOM. HackMoral is a mini – hackathon which was first organized in 2018, with the aim of improving problem solving skills and coding skills of undergraduates. In this year, for the 2nd time, HackMoral 2.0 was organized and successfully completed with a higher participation and higher enthusiasm than the previous year. This year’s competition was sponsored by ANC NetAssist International.

Sri Lankan Robotics Challenge (SLRC) is one of the most glorious and iconic events organized by the Electronic Club of Department of Electronic and Telecommunication Engineering, University of Moratuwa. The 8th edition of SLRC commenced on 19th of October 2019 with the guidance of the Head of the Department, patron of Electronic Club, Senior Treasurer and Staff Advisor and the President of Electronic Club. The event was planned to create the best platform for competitors to showcase their talents. In the university category, Team NeoRX from ICBT

Campus, Kandy secured the winning title achieving the best overall scores and the most outstanding performance of the day.

1.11 Constraints

Most of the objectives of Goals 1-8 of the SMP 2014-2018 have been significantly achieved. However, in areas where the UOM has to depend on the Government for funds, and lack of autonomy for decision making, the goals and objectives are yet to be fully achieved.

- There are serious impediments for carrying out project management and maintenance works efficiently as the university finds it increasingly difficult to recruit qualified and skilled professional for the posts of Project Manager and Works Engineer due to less remuneration and other incentives. The same situation applies to other subordinate posts such as electrical supervisor. The University failed to recruit even after several attempts and, a solution to this must be found.
- In order to face the changing landscape of the higher education delivery, it is essential that the state Universities introduce new cadre to meet such evolving needs. These include the need of skilled professionals for new functions such as university business linkages, facilities management, IT services and leadership, legal services e-learning promotion, marketing and media. University is struggling without such cadre for these evolving needs and approval process is painful.
- There are several building projects lagging behind considerably due to procurement related issues and poor performance by the contractors. It is difficult to obtain services of an efficient contractor due to many issues. Consultants too are inefficient. When there is no good Project Manager from the University side the issues are compounded and inevitable delays result.
- Increasing hostel accommodation is commendable. However, the recurrent funding given to universities is insufficient to meet all existing needs and in order to maintain hostels in a standard condition there should be sufficient operational and maintenance funding. If such funding is not given by the government there should be a collective decision by the authorities to increase the hostel fees to a level to at least meet part funding for such maintenance work.
- The University is situated in a 53 acre block of land at Katubedda, Moratuwa. With the expansions that have taken place over the years, the premises are reaching a point of saturation as far as land is concerned. The University has attempted the strategy of vertical expansion to overcome the space constraint. This strategy is not expected to provide a total solution to the problem in the context of the need to maintain an environment conducive for a University. Thus, acquisition of new land to University of Moratuwa is an essential need both in expanding hostel accommodation and academic activities. A bigger plot of land of at least 10-15 acres at least is required for expansion of academic programs within the close proximity.
- UOM is thankful to the government for allocating special funding of Rs. 500 Mn to procure equipment to the Faculty of Engineering for upgrading of equipment to meet the accreditation requirements in 2016. However this kind of funding should be sustained to retain international accreditation which is an essential requirement towards becoming a world class university. The allocation for capital funding in 2017 has a significant drop making it difficult to maintain up-to-date facilities. This has also resulted in delaying the progress of the University in comparison with the SMP. The additional funding provided in 2011 (Rs. 100 million) and 2012 (Rs. 75 million) for gradual transformation of UOM to a truly international

university was not additionally provided in subsequent years. Such additional funding is essential to reach the anticipated targets.

- In order to innovate, develop technologies, commercialise and promote start-ups as strategies for rapid economic growth, the Universities should be able to establish incubators as found in other internationally reputed universities. Incubators in the Universities are not legally permitted because they cannot take a loss. Incubation requires: Seed funds and support without a guarantee of success, and Legal mechanism for ownership. Only the Sri Lanka Inventors Commission can take risks. Similarly, the universities cannot be a partner to business ventures in terms of becoming a shareholder for its own commercialized technologies. What is possible is only to obtain a royalty for such discoveries or outright selling of technologies. This policy needs a change as the University is now considering number of patents, number of technologies commercialised and number of start-ups as new key performance indicators.
- Universities are encouraged to carry out R & D work, especially development oriented R & D work. There are many requests for such target oriented R & D solutions for industry problems. However, very often the universities are criticised for delays and sometimes such projects are not given to universities due to difficulties in delivering in time. One of the reasons is the need to follow through government procurement process which takes much time. Research procurement cannot be planned in advance and hence need quick procurement. Deviating the usual guidelines results in many audit queries. Many countries have special route for procurement for research work. The UOM submitted its own procurement guidelines to be approved by the Ministry of Finance and Planning to overcome this issue and subsequently these guidelines were reviewed and another proposal was submitted by the UGC to address this issue about three years ago. It is earnestly expected that this bottleneck is cleared at the very earliest to avoid such delays.

2. Resources & Students

a. Summary

Faculty/ Division/ Centre	Total Undergraduate Students*		Total Academic Staff				Total Administrative Staff**		Total Academic Support Staff***		Total Non Academic Staff****	
	2018	2019	Permanent		Contract		2018	2019	2018	2019	2018	2019
			2018	2019	2018	2019						
Faculty of Architecture	2311	2349	81	90	21	3	2	2	17	1	75	72
Faculty of Business	198	296	13	18	8	7	1	2	10	-	09	4
Faculty of Engineering	5655	5668	239	242	53	34	3	1	73	25	257	215
Faculty of Information Technology	1752	1758	31	29	1	-	2	1	20	10	52	50
Faculty of Graduate Studies			-	-	-	-	2	2	-	1	5	3
Divisions and Centres			7	7	-	-	30	27	8	16	415	334
Grand Total	9916	10071	371	389	83	44	40	35	128	43	813	678

Notes-

³ Bachelor of Science in Quantity Surveying

⁶ Bachelor of Landscape Architecture

⁹ Bachelor of the Science in Engineering (Textile & Clothing Tech.)

¹² Bachelor of Science in Information Technology

¹ Bachelor of Architecture

⁴ Bachelor of Science in Town & Country Planning

⁷ Bachelor of the Science in Engineering (MPR)

¹⁰ Bachelor of Science in Transport & Logistics Management

¹³ Bachelor of Science in Information Technology and Management

² Bachelor of Design

⁵ Bachelor of Science in Facilities Management

⁸ Bachelor of the Science in Engineering (Earth Resources)

¹¹ Bachelor of Design in Fashion Design & Product Development

* Maximum No. of students at any given time within the year.

** Registrar, Bursar, Deputy Registrar/Bursar, Senior Assistant Registrar/ Bursar, Assistant Registrar/ Bursar, Deputy Internal Auditor, Director/ Physical Education, Health Service Officers, Works Engineer, Curator, Chief Security Officer (at 31st December 2019).

*** Permanent Academic Support Staff, Contract Academic Support Staff and Temporary Instructors (at 31st December 2019).

**** Permanent Non Academic Staff (at 31st December 2019).

b. Details

Faculty/ Division/ Centre	Course	Total Students*		Total Academic Staff				Total Administrative Staff **		Total Academic Support Staff***		Total Non Academic Staff****	
		2018	2019	Permanent		Contract		2018	2019	2018	2019	2018	2019
				2018	2019	2018	2019	-		-			-
Faculty of Architecture	AT ¹	396	407	81	90	21	3	2	2	17	1	75	72
	AD ²	271	286										
	QS ³	734	731										
	TCP ⁴	346	347										
	FM ⁵	322	323										
	BLA ⁶	242	255										
Sub Total		2311	2349	81	90	21	3	2	2	17	1	75	72
Faculty of Business		198	296	13	18	8	7	1	2	10	-	09	4
Sub Total		198	296	13	18	8	7	1	2	10	-	09	4
Faculty of Engineering	MPR ⁷	4350	4346	239	242	53	34	3	1	73	25	257	215
	EM ⁸	313	314										
	TM ⁹	362	376										
	TLM ¹⁰	344	343										
	FD ¹¹	286	289										
Sub Total		5655	5668	239	242	53	34	3	1	73	25	257	215
Faculty of Information Technology	IT ¹²	1172	1179	31	29	1	-	2	1	20	10	52	50
	ITM ¹³	580	579										
Sub Total		1752	1758	31	29	1	-	2	1	20	10	52	50
Faculty of Graduate Studies		-	-	-	-	-	-	2	2	-	1	05	03
Sub Total		-	-	-	-	-	-	2	2	-	1	05	03
Divisions and Centres		-	-	7	7	-	-	30	27	8	16	415	334
Sub Total		-	-	7	7	-	-	30	27	8	16	415	334
Grand Total		9916	10071	371	389	83	44	40	35	128	43	813	678

Notes-

³ Bachelor of Science in Quantity Surveying

⁶ Bachelor of Landscape Architecture

⁹ Bachelor of the Science in Engineering (Textile & Clothing Tech.)

¹² Bachelor of Science in Information Technology

* Maximum No. of students at any given time within the year.

** Registrar, Bursar, Deputy Registrar/Bursar, Senior Assistant Registrar/ Bursar, Assistant Registrar/ Bursar, Deputy Internal Auditor, Director/ Physical Education, Health Service Officers, Works Engineer, Curator, Chief Security Officer (at 31st December 2019).

*** Permanent Academic Support Staff, Contract Academic Support Staff and Temporary Instructors (at 31st December 2019).

**** Permanent Non Academic Staff, Contract & Temporary Non Academic Staff (at 31st December 2019).

¹ Bachelor of Architecture

⁴ Bachelor of Science in Town & Country Planning

⁷ Bachelor of the Science in Engineering (MPR)

¹⁰ Bachelor of Science in Transport & Logistics Management

¹³ Bachelor of Science in Information Technology and Management

² Bachelor of Design

⁵ Bachelor of Science in Facilities Management

⁸ Bachelor of the Science in Engineering (Earth Resources)

¹¹ Bachelor of Design in Fashion Design & Product Development

Staff category*	Salary Scale	Approved Cadre	Existing Staff												Permanent Cadre Vacancies	Actual Cadre Vacancies
			Permanent			Temporary			Contract			Assignment				
			Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total		
Academic Staff	U-AC 3 to U-AC 5	588	237	142	379	-	-	-	28	16	44	13	10	23	209	142
	U-AC 1 to U-AC 2	275	-	-	-	49	79	128	-	-	-	-	-	-	147	147
Library Staff	U-AC 5	1	-	1	1	-	-	-	-	-	-	-	-	-	1	0
	U-AC 4		-	-	-	-	-	-	-	-	-	-	-	-	0	0
	U-AC 3	6	3	3	6	-	-	-	-	-	-	-	-	-	6	0
Administrative Staff & Financial Staff	U-EX 3	2	1	1	2	-	-	-	-	-	-	-	-	-	0	0
	U-EX 2	15	5	8	13	-	-	-	-	-	-	-	1	1	2	1
	U-EX 1	13	1	10	11	-	-	-	-	-	-	-	-	-	2	2
Other Executive Staff	U-EX 2, U-EX 1	7	2	-	2	-	-	-	-	-	-	1	-	1	5	4
	U-EX 2	3	-	-	-	-	-	-	-	-	-	-	-	-	3	3
	U-EX 1	3	-	1	1	-	-	-	-	-	-	-	1	1	2	1
Medical Officers	U-MO 2	1	-	1	1	-	-	-	-	-	-	-	-	-	0	0
	U-MO 1	4	-	1	1	-	-	-	-	-	-	1	1	2	3	1
Academic Support Staff	U-AS 2, U-AS 1	8	4	1	5	-	-	-	-	-	-	-	-	-	3	3
	U-AS 2	64	20	18	38	-	-	-	2	3	5	2	1	3	26	18
	U-AS 1	4	-	-	-	-	-	-	-	-	-	-	-	-	4	4
Technical Staff	U-EX 2	185	1	-	1	-	-	-	-	-	-	-	-	-	50	50
	U-EX 1		2	-	2	-	-	-	-	-	-	-	-			
	U-MN 4		19	8	27	-	-	-	-	-	-	-	-			
	U-MN 3		-	-	-	-	-	-	-	-	-	-	-			
	U-MN 2		2	-	2	-	-	-	-	-	-	-	-			
	U-MN 1		-	-	-	-	-	-	-	-	-	-	-			
	U-MT 1		67	36	103	-	-	-	-	-	-	-	-	-		
Clerical & Allied Staff	U-MN 4	1	9	46	55	-	-	-	-	-	-	-	-	-	30	29
	U-MN 3	13	4	2	6	-	-	-	-	-	-	-	-	-		
	U-MN 2	4	2	-	2	-	-	-	-	-	-	-	-	-		
	U-MN 1	240	62	103	165	-	-	-	1	-	1	-	-	-		
Primary Staff	U-PL 3	89	143	4	147	-	-	-	-	-	-	-	-	-	116	115
	U-PL 2	135	68	7	75	-	-	-	-	-	-	-	-	-		
	U-PL 1	208	86	8	94	-	-	-	-	1	1	-	-	-		
Total		1869	738	401	1139	49	79	128	31	20	51	17	14	31	730	520

*As per the circular only

3. Local Students

a. Summary

(i) Bachelors Degrees (Undergraduate)

Faculty	Intake (No. of Students)		1 st Year Students		2 nd Year Students		3 rd Year Students		4 th Year Students		5 th Year Students		Number Graduated	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Faculty of Architecture	379	398	374	379	354	374	358	354	360	358	57	57	335	324
Faculty of Business	100	98	98	100	-	98	-	-	-	-	-	-	-	-
Faculty of Engineering	950	941	938	950	938	938	928	938	897	928	-	-	864	790
Faculty of Information Technology	296	294	297	296	283	297	288	283	302	288	-	-	235	240
Grand Total	1725	1731	1707	1725	1575	1707	1574	1575	1559	1574	57	57	1434	1354

(ii) Postgraduate Degree (by Course)

Faculty	Intake		Current No. of Students	No. Completed			
	(No. of Students)			M.Sc./ M.Eng./ MBA		Postgraduate Diploma	
	2018	2019		2018	2019	2018	2019
Faculty of Architecture	155	38	408	32	33	20	28
Faculty of Business	32	611	2030	114	185	136	100
Faculty of Engineering	365	78	170	10	45	2	1
Faculty of Information Technology	41	53	136	26	35	13	3
Total	593	780	2744	182	298	171	132

(iii) Postgraduate Degrees (by Research)

Faculty	No. of Students Enrolled						Current No. of Students						No. of Students Graduated					
	M.Sc.		M.Phil.		PhD		M.Sc.		M.Phil.		PhD		M.Sc.		M.Phil.		PhD	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Faculty of Architecture	New Registration from 2015 onwards are presented under Faculty of Graduate Studies						-	-	5	5	2	2	1	-	2	-	1	-
Faculty of Engineering							65	64	44	43	59	56	5	1	4	1	6	3
Faculty of Information Technology							1	1	3	3	2	1	-	-	-	-	-	1
Faculty of Graduate Studies	71	79	71	30	21	18	192	212	142	116	59	77	9	32	-	14	2	-
Total	71	79	71	30	21	18	258	277	194	167	122	136	14	33	6	15	9	4

(b) Details

(i) Bachelors Degrees (Undergraduate)

Faculty	Course	Medium	Intake (No. of Students) *		1 st Year Students		2 nd Year Students		3 rd Year Students		4 th Year Students		5 th Year Students		Number Graduated	
			2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Faculty of Architecture	AT ¹	English	58	68	60	58	54	60	55	54	57	55	57	57	69	64
	AD ²	English	59	59	55	59	37	55	44	37	35	44	-	-	44	28
	QS ³	English	125	125	125	125	124	125	128	124	16	128	-	-	85	98
	TCP ⁴	English	48	48	48	48	51	48	47	51	64	47	-	-	55	53
	FM ⁵	English	50	48	50	50	46	50	47	46	48	47	-	-	51	43
	BLA ⁶	English	37	50	36	37	42	36	37	42	40	37	-	-	31	38
Sub Total			379	398	374	379	354	374	358	354	360	358	57	57	335	324
Faculty of Business			100	98	98	100	-	98	-	-	-	-	-	-	-	-
Sub Total			100	98	98	100	-	98	-	-	-	-	-	-	-	-
Faculty of Engineering	MPR ⁷	English	726	723	721	726	723	721	727	723	708	727	-	-	685	632
	EM ⁸	English	52	49	48	52	50	48	48	50	50	48	-	-	38	39
	TM ⁹	English	60	68	59	60	61	59	54	61	49	54	-	-	44	42
	TLM ¹⁰	English	62	54	60	62	51	60	55	51	49	55	-	-	54	44
	FD ¹¹	English	50	47	50	50	53	50	44	53	41	44	-	-	43	33
Sub Total			950	941	938	950	938	938	928	938	897	928	-	-	864	790
Faculty of Information Technology	IT ¹²	English	198	196	198	196	188	198	189	188	189	189	-	-	147	158
	ITM ¹³	English	98	98	99	98	95	99	99	95	113	99	-	-	88	82
Sub Total			296	294	297	296	283	297	288	283	302	288	-	-	235	240
Faculty of Graduate Studies	There are no undergraduate students registered under the faculty of Graduate Studies															
Grand Total			1725	1731	1707	1725	1575	1707	1574	1575	1559	1574	57	57	1434	1354

Notes-

³ Bachelor of Science in Quantity Surveying

⁶ Bachelor of Landscape Architecture

⁹ Bachelor of the Science in Engineering (Textile & Clothing Tech.)

¹² Bachelor of Science in Information Technology

*Note:- 90% of the Academic year of a given intake is completed in the following calendar year

¹ Bachelor of Architecture

⁴ Bachelor of Science in Town & Country Planning

⁷ Bachelor of the Science in Engineering (MPR)

¹⁰ Bachelor of Science in Transport & Logistics Management

¹³ Bachelor of Science in Information Technology and Management

² Bachelor of Design

⁵ Bachelor of Science in Facilities Management

⁸ Bachelor of the Science in Engineering (Earth Resources)

¹¹ Bachelor of Design in Fashion Design & Product Development

(ii) Postgraduate Degree (by Course)

Faculty	Course Name	Medium	Intake (No. of Students)		Current No. of Students	No. Completed			
						M.Sc./ M.Eng./ MBA		Postgraduate Diploma	
			2018	2019		2018	2019	2018	2019
Faculty of Architecture	MSc/ PG Dip in Urban Design	English	09	10	34	-	01	01	02
	MSc/ PG Dip in Spatial Planning Management & Design	English	10	-	32	08	02	-	-
	PG Dip in Interior Design Leading to MSc. in Interior Design	English	-	-	13	04	03	03	10
	MSc/ PG Dip in Occupational Safety & Health	English	26	22	62	01	10	-	01
	MSc/ PG Dip in Project Management	English	60	-	82	04	12	11	07
	Msc/ PG Dip in Landscape Design	English	-	-	08	01	-	-	-
	Master of Architecture	English	-	-	18	-	-	-	-
	MSC/ PG Dip in ACOMAS	English	-	-	16	-	-	01	04
	MSc/ PG Dip in Construction Law & Dispute Resolution	English	50	-	137	14	05	04	04
	MSc/ PG Dip in Town & Country Planning	English	-	-	-	-	-	-	-
	MSc/PG Dip in Environmental Planning	English	-	06	06	-	-	-	-
Faculty of Engineering	MSc/ PG Dip in Computer Science	English	57	80	300	-	38	-	05
	MBA/ PG Dip in Information Technology	English	32	40	58	-	19	-	-
	M Eng/ PG Dip in Foundation Engineering Earth Retaining Systems	English	-	-	69	-	01	-	02
	MSc/ PG Dip in Business Statistics	English	25	31	161	04	09	02	02

Faculty	Course Name	Medium	Intake (No. of Students)		Current No. of Students	No. Completed			
						M.Sc./ M.Eng./ MBA		Postgraduate Diploma	
			2018	2019		2018	2019	2018	2019
Faculty of Engineering	MSc/ PG Dip in Operational Research	English	16	38	102	02	06	02	02
	M Eng/ PG Dip in Highway & Traffic Engineering	English	13	23	77	15	12	19	04
	MSc/ PG Dip in Transportation	English	04	10	27	03	01	-	01
	MBA/ PG Dip in Project Management	English	-	-	59	03	-	03	-
	MSc/ PG Dip in Electronics & Automation	English	21	32	68	05	12	02	-
	MSc/ PG Dip in Environmental Engineering and Management	English	-	22	36	02	01	09	07
	MBA in Supply Chain Management	English	20	18	27	18	19	-	-
	MSc/ PG Dip in Environmental Management	English	-	16	72	02	01	12	01
	M Eng/ PG Dip in Structural Engineering Design	English	-	38	62	07	01	18	02
	MSc/ PG Dip in Construction Project Management	English	-	-	30	-	05	08	13
	MSc/ PG Dip in Financial Mathematics	English	21	20	121	02	09	01	04
	M Eng/ PG Dip in Manufacturing System Engineering	English	-	32	72	06	07	07	02
	MSc/ PG Dip in Polymer Technology	English	-	-	15	01	-	-	-
	MSc/ PG Dip in Mining & Mineral Exploration	English	-	-	-	02	-	-	-
	MSc/ PG Dip in Electrical Engineering	English	16	28	57	13	10	20	06

Faculty	Course Name	Medium	Intake (No. of Students)		Current No. of Students	No. Completed			
						M.Sc./ M.Eng./ MBA		Postgraduate Diploma	
			2018	2019		2018	2019	2018	2019
Faculty of Engineering	MSc/ PG Dip in Electrical Installation	English	30	39	101	15	07	19	12
	MSc/ PG Dip in Industrial Automation	English	38	27	86	-	02	-	10
	MSc/ PG Dip in Materials Science Eng.	English	-	28	80	-	05	-	01
	MSc/ PG Dip in Sustainable Process Development	English	-	22	63	-	04	-	01
	MBA/ PG Dip in e-Governance	English	-	06	14	-	-	-	-
	MSc/ PG Dip in Building Services Eng.	English	-	-	38	-	-	03	13
	M Eng/ PG Dip in Energy Technology	English	-	21	12	11	06	07	03
	MSc/ PG Dip in Textile & Clothing Management	English	-	14	62	-	02	02	02
	MBA/ PG Dip in Infrastructure	English	-	-	09	-	-	-	-
	MSc/ PG Dip in Telecommunication	English	21	26	58	-	-	02	03
	MSc/ PG Dip in Electronics & Telecommunication	English	-	-	63	-	-	-	-
	MSc/ PG Dip Water Resource Engineering	English	23	-	31	03	08	-	04
Faculty of Information Technology	MSc/ PG Dip in Artificial Intelligence	English	25	34	106	01	08	02	01
	PG Dip in Information Technology for Education	English	-	-	-	-	-	-	-
	MSc/ PG Dip in Information Technology	English	16	44	64	09	37	-	-

Faculty	Course Name	Medium	Intake (No. of Students)		Current No. of Students	No. Completed			
						M.Sc./ M.Eng./ MBA		Postgraduate Diploma	
			2018	2019		2018	2019	2018	2019
Faculty of Business	MBA/ PG Dip in Management of Technology	English	28	44	115	23	28	13	03
	MBA/PG Dip in Entrepreneurship	English	04	09	21	03	07	-	-
Total			593	736	2744	182	298	171	132

Note : M.Sc./M.Eng./MBA and Postgraduate Diploma courses are usually offered part time and have normal durations of two years and one year respectively

(iii) Postgraduate Degrees (by Research)

Faculty	No. of Students Enrolled						Current No. of Students						No. of Students Graduated					
	M.Sc.		M.Phil.		PhD		M.Sc.		M.Phil.		PhD		M.Sc.		M.Phil.		PhD	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Faculty of Architecture	New Registration from 2015 onwards are presented under Faculty of Graduate Studies						-	-	5	5	2	2	1	-	2	-	1	
Faculty of Engineering							65	64	44	43	59	56	5	1	4	1	6	3
Faculty of Information Technology							1	1	3	3	2	1	-	-	-		-	1
Faculty of Graduate Studies	71	79	71	30	21	18	192	212	142	116	59	77	9	32	-	14	2	-
Total	71	79	71	30	21	18	258	277	194	167	122	136	14	33	6	15	9	4

4. Details of Foreign Students

(a) Details of Undergraduate Foreign Students (including scholarship holders)

(i) Details of Undergraduate Foreign Students Under 100 Scholarship Programme

Faculty	Course	3 rd Year Students		4 th Year Students	
		2018	2019	2018	2019
Faculty of Engineering	Bachelor of the Science of Engineering (MPR)	5	5	-	5
Faculty of Architecture	Bachelor of Science in Quantity Surveying	-	-	1	-
	Bachelor of Science in Town & Country Planning	-	-	2	-
Total		5	5	3	5

(ii) Details of Undergraduate Foreign Students (Other Student with Foreign Qualification)

Faculty	Course	Intake		1 st Year Students		2 nd Year Students		3 rd Year Students		4 th Year Students	
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Faculty of Engineering	Bachelor of the Science of Engineering (MPR)	-	2	-	2	1	-	3	1	1	3
Faculty of Architecture	Bachelor of Architecture	-	-	-	-	1	-	-	1	-	-
	Bachelor of Science in Town & Country Planning	-	1	-	1	-	-	-	-	-	-
Total		-	3	-	3	2	-	3	2	1	3

(b) Details of Postgraduate Foreign Students

Faculty	Course	Medium	Country of Students	Intake		Current No. of Students		No. of Students Graduated	
				2018	2019	2018	2019	2018	2019
Faculty of Architecture	M.Sc./ PG Diploma in Project Management	English	Iran	-	-	02	02	-	-
			Korea	-	-	01	01	-	-
			Maldives	-	-	01	01	-	01
	M.Sc/ PG Diploma in Construction Law and Dispute Resolution	English	China	-	-	01	01	-	-
Faculty of Engineering	M.Sc./PG Dip in Water Resources Engineering and Management	English	Bhutan	02	-	04	01	-	03
			Afghanistan	02	-	03	02	-	01
			Pakistan	01	-	02	01	-	01
			India	01	-	01	01	-	-
			Nepal	01	-	01	-	-	01
Faculty of Business	MBA/PG Dip in Entrepreneurship	English	China	-	01	-	-	-	-
Total				07	01	16	10	-	07

5. Details of Academic Staff

Faculty	Senior Professor		Professor		Associate Professor		Senior Lecturer		Lecturer (Transitional)		Lecturer (Probationary)		Contract Academic Staff		Instructors	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Architecture	1	1	3	06	-	-	50	48	1	1	26	34	21	7	16	4
Business	2	2	-	-	-	-	4	06	-	-	7	10	8	8	10	2
Engineering	15	19	27	25	3	04	143	146	3	1	48	47	53	53	70	37
Graduate Studies	-															
Information Technology	1	1	-	-	-	-	18	18	1	2	11	08	1	-	20	6
Total	19	23	30	31	3	4	215	218	5	4	92	99	83	68	116	49

Library	Librarian		Senior Assistant Librarian Grade 11		Senior Assistant Librarian Grade 1		Assistant Librarian Grade 11	
	2018	2019	2018	2019	2018	2019	2018	2019
Library Staff*	1	1	4	4	2	2	-	-
Total	1	1	4	4	2	2	-	-

Considered under the Academic Staff categories

6. Details of Administrative Staff

Administrative Officers	Registrar/ Bursar		Deputy Registrar/ Bursar		Senior Assistant Registrar/ Bursar		Assistant Registrar/ Bursar		Other Administrative Officers*	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
General Administration	0	1	3	5	5	2	8	7	15	7
Financial Administration	1	1	2	3	3	2	3	2	-	-
Total	1	2	5	8	8	4	11	9	15	7

* Deputy Internal Auditor, Senior Assistant Internal Auditor, Director/ Physical Education, Health Service Officers, Works Engineer, Curator, Chief Security Officer

7. Details of Non Academic Staff

Faculty / Branch	Senior Staff*		Junior Staff**		Minor Employees		Contract Staff ***	
	2018	2019	2018	2019	2018	2019	2018	2019
Faculty of Architecture	08	08	38	38	26	25	02	-
Faculty of Engineering	34	31	79	83	105	100	21	-
Faculty of Information Technology	03	03	21	24	24	23	03	-
Faculty of Graduate Studies	-	-	02	02	01	01	02	1
Faculty of Business	-	-	03	02	02	02	04	-
Capital Works & Services	01	01	05	04	01	01	03	-
Career Guidance Unit	-	-	01	01	01	01	-	-
Centre for IT Services	-	-	04	04	01	01	02	-

Faculty / Branch	Senior Staff*		Junior Staff**-		Minor Employees		Contract Staff ***	
	2018	2019	2018	2019	2018	2019	2018	2019
Electricity Supply	-	-	-	-	06	06	-	-
Examination Services	01	01	13	12	05	5	06	-
Financial Administration	06	05	14	12	04	06	06	-
General Administration	10	08	32	31	13	11	09	-
Health Services	-	-	06	06	09	08	03	-
Hostels	05	05	02	02	08	07	10	-
Internal Audit	02	02	02	03	01	01	01	-
Lands & Buildings	01	01	09	05	33	32	20	-
Library Services	09	09	18	19	12	10	0	-
Physical Education	01	01	-	-	07	05	01	-
Security Services	01	01	04	02	14	16	01	01
Stores & Supply Services	03	05	08	04	02	02	02	-
Student & Staff Welfare	01	01	03	03	-	0	05	-
Transport Services	-	-	-	-	33	31	0	-
Water Supply	-	-	-	-	05	05	0	-
Workshop	-	02	11	09	26	21	0	-
Legal & Documentation Unit	-	-	01	01	01	01	0	-
CODL	-	-	01	01	01	01	0	-
External Affairs & Publication & ISP	-	-	01	01	-	0	01	-
Staff Development Centre	-	-	-	0	-	01	01	-
Total	86	84	278	269	180	323	103	02

Note: Details of Non Academic Staff

* Senior Non Academic Staff

** Non Academic Staff other than Minor Employees

*** Contract Staff of all categories of Non Academic Staff

08. Research Projects / Patents

(a) Summary

Faculty	Research Projects on going	Research Project completed
Faculty of Architecture	29	09
Faculty of Business	08	-
Faculty of Engineering	200	50
Faculty of Information Technology	11	02
Grand Total	248	61

(b) Details

Faculty	Departments	Research Projects on going	Research Project completed
Faculty of Architecture	Dept. of Architecture	13	02
	Dept. of Integrated Design	10	01
	Dept. of Town & Country Planning	06	03
	Dept. of Building Economics	-	03
Sub Total		29	09
Faculty of Engineering	Dept. of Chemical & Process Eng.	17	03
	Dept. of Civil Engineering	36	05
	Dept. of Computer Science & Eng.	27	05
	Dept. of Earth Recourses Eng.	13	06
	Dept. of Electrical Engineering	25	07
	Dept. of Electronic & Telecom. Eng.	12	06
	Dept. of Mathematics	04	-
	Dept. of Materials Science & Eng.	33	07
	Dept. of Mechanical Engineering	18	05
	Dept. of Textile & Clothing Tech.	07	05
	Dept. of Transport & Logistic Mgt.	06	-
	Dept. of Languages	02	01
Sub Total		200	50

Faculty	Departments	Research Projects on going	Research Project completed
Faculty of Information Technology	Dept. of Information Technology	02	01
	Dept. of Interdisciplinary Studies	03	-
	Dept. of Computational Mathematics	06	01
Sub Total		11	02
Faculty of Business	Dept. of Management of Technology	08	-
Sub Total		08	-
Library		-	-
Sub Total		-	-
Grand Total		248	61

09. Research, Innovation and Publications

(a) Summary

Faculty	International Journal Publications	Local Journal Publications	Books Publications	Conference Presentations
Faculty of Architecture	40	4	2	43
Faculty of Business	6	1	0	14
Faculty of Engineering	195	22	11	344
Faculty of Information Technology	19	0	0	52
Library	1	2	0	5
Grand Total	261	29	13	458

(b) Details Research, Innovation and Publications

Faculty	Department	International Journal Publications	Local Journal Publications	Books/ Book Chapters Publications	Conference Presentations
Faculty of Architecture	Dept. of Architecture	4	02	-	08
	Dept. of Town & Country Planning	9	02	01	04
	Dept. of Integrated Design	1	-	-	01
	Dept. of Building Economics	26	-	01	30
Sub Total		40	04	02	43
Faculty of Business	Dept. of Management of Technology	5	01	-	09
	Dept. of Industrial Management	1	-	-	04
	Dept. of Decision Sciences	-	-	-	01
Sub Total		06	01	0	14
Faculty of Engineering	Dept. of Chemical & Process Eng.	30	02	-	21
	Dept. of Civil Engineering	39	11	03	64
	Dept. of Computer Science & Eng.	19	01	-	92
	Dept. of Earth Recourses Eng.	12	01	02	8
	Dept. of Electrical Engineering	23	03	01	31
	Dept. of Electronic & Telecom. Eng.	29	-	01	45
	Dept. of Materials Science & Eng.	03	01	01	21
	Dept. of Mathematics	02	01	-	06
	Dept. of Mechanical Engineering	17	-	02	28
	Dept. of Textile & Clothing Tech.	15	-	01	15
	Dept. of Transport & Logi. Mgt.	06	-	-	13
	Dept. Languages	-	02	-	-
Sub Total		195	22	11	344
Faculty of Information Technology	Dept. of Information Technology	08	-	-	36
	Dept. of Interdisciplinary Studies	02	-	-	04
	Dept. of Computational Mathematics	09	-	-	12
Sub Total		19	0	0	52
Library		01	02	-	05
Sub Total		01	02	0	05
Grand Total		261	29	13	458

10. Programmes, Seminars & Workshops

(i) Conducted by the University

Description	Faculty of Architecture		Faculty of Business		Faculty of Engineering		Faculty of Information Technology		Faculty of Graduate Studies	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
a. No. of Short Courses	-	-		-	-	7	-	-	-	-
b. No. of Seminars / Workshops/ Training programmes	-	1		-	-	15	-	-	-	6
c. No. of Conferences	-	1		-	-	2	-	-	-	-
Total	0	2		0	0	24	0	0	0	6

(ii) Participated by Staff Members of the University

Subject	Registered /Attended by		Completed by		Made Presentations	
	2018	2019	2018	2019	2018	2019
a. No. of Postgraduate Degree Programmes	61	58	07	04		
b. No. of Postgraduate Diploma Programmes	-	-	-	-		
c. No. of Degree Programmes	-	-	-	-		
d. No. of Diploma Programmes	-	-	-	-		
e. No. of Certificate Programmes	-	-	05	06		
f. Other (Seminars & Workshops)	-		23*	28	35**	34
Total	61	58	35	38	35	34

NA = Not Applicable

* As a participant

** participated as resource persons

11. Details of Awards Received

Subject	Total No. of Awards		No. of Academics		No. of Students	
	2018	2019	2018	2019	2018	2019
a. Local Awards (University/ SRC)	178	195	111	126	67	69
b. National Awards (President/ CVCD)	39	19	22	13	17	06
c. International Awards	20	20	13	11	7	9
d. Other	-	-	-	-	-	-
Total	237	234	146	150	91	84

12. Details of New Courses Started during 2019

Faculty	Department	Medium	Type of the Course	Name of the Course
Engineering	Materials Science & Engineering	English	Master/ Postgraduate Diploma	MSc/ PG Diploma in Nanotechnology

* Not new intake of existing courses, totally new courses started during the year

13. Details of Recurrent Expenditure

Subject	2018 Rs.	2019 Rs.
a. Personal Emoluments	1,998,628,221	2,745,835,755
b. Travelling	8,071,653	6,404,961
c. Supplies	117,395,855	118,580,773
d. Maintenance	49,273,237	48,674,247
e. Contractual Service	250,119,036	292,458,428
f. Other *	262,836,258	238,277,619
Total	2,686,324,260	3,450,231,783

* Including Mahapola& Bursary expenditure and excluding Depreciations.

14. Details of Capital Expenditure

Subject	2018 Rs.	2019Rs.
a. Acquisition of furniture & Office Equipment	68,352,493	147,436,165
b. Acquisition of Machineries (Lab & Teaching Equipment)	99,682,294	66,861,533
c. Acquisition of Building & Structures	192,658,894	128,647,026
d. Other	107,652,731	93,517,378
e. Rehabilitation & Improvements	90,181,735	73,425,846
Total	558,528,147	509,887,948

15. Details of Project Expenditure (Local / Foreign Funded)

Name	TCE Rs. (Ongoing Projects)		Expenditure in Rs.		Cumulative Expenditure as at		% of Physical Progress	
	2018	2019	2018	2019	31.12.2018	31.12.2019	2018	2019
Faculty of Architecture (Design) Phase 111	110,000,000	110,000,000	-	-	71,825,696	71,825,696	100	100
Faculty of Architecture (Archi) Phase 1V	150,000,000	150,000,000	12,344,159	2,956,180	109,560,751	112,516,931	100	100
Extension to Administration Building	282,000,000	282,000,000	5,967,369	3,117,932	244,720,709	247,838,641	100	100
Student Centre & Canteen Extension	57,000,000	57,000,000		3,265,286	50,339,541	53,604,827	100	100
Lecture Room Building for the Faculty of Architecture	164,000,000	164,000,000	3,898,043	-	150,716,779	150,716,779	100	100
Construction of Multipurpose Building for the Faculty of Engineering	184,000,000	184,000,000	7,055,007	146,739	159,716,274	159,863,013	100	100
Construction of Highway Testing Laboratory - Phase I	6,698,000	6,698,000	-	-	6,826,701	6,826,701	100	100
Balance Work for Ground & Mezzanine Floors of Textile Extension Build. for Dept. Textile & Cloth. Tech.	28,000,000	28,000,000	695,818	-	27,730,676	27,730,676	100	100

Name	TCE Rs. (Ongoing Projects)		Expenditure in Rs.		Cumulative Expenditure as at		% of Physical Progress	
	2018	2019	2018	2019	2018	2019	2018	2019
Advance Bitumen Testing and Accelerated Pavement Testing Laboratory – Phase II	23,770,000	23,770,000	3,344,327	394,444	9,811,851	10,206,295	100	100
New Building for Department of Building Economics	75,000,000	75,000,000	-	12,776,399	281,256	13,057,655	-	30%
Proposed Building Extension for the Department of Textile & Clothing Technology	307,000,000	307,000,000	159,607,870	63,118,046	235,038,679	298,156,725	80	100%
Building Complex for the Dept. of Material Science & Eng	439,000,000	439,000,000	476,625	-	953,250	953,250	-	-
Proposed Building for Department of Mechanical Eng	247,000,000	247,000,000	275,475	42,872,000	550,950	43,422,950	-	8%
Completion of the balance work (Prefabricated Steel) of the Lecture Hall Building of the Faculty of Architecture	-	150,000,000	-	-	-	-	-	-
Completion of the balance work (Prefabricated Steel) of the Multipurpose Building of the Faculty of Engineering	-	200,000,000	-	-	-	-	-	-

16. Details of Financial Progress (Expenditure)

Subject	Provision Rs.		Expenditure Rs.		Savings / Excess Rs.	
	2018	2019	2018	2019	2018	2019
a. Recurrent Except Project	2,424,000,000	2,865,400,000	2,686,324,260	3,450,231,783	(262,324,260)	(584,831,783)
b. Capital Except Project	369,000,000	275,000,000	352,916,196	294,867,171	16,083,804	(19,867,171)
c. Project - Local funded	431,000,000	395,000,000	192,658,894	128,647,026	238,341,106	266,352,974
d. Project - Foreign funded	-	-	-	-	-	-
Total	3,224,000,000	3,535,400,000	3,231,899,350	3,873,745,980	(7,899,350)	(338,345,980)

17. Details of Financial Progress (Generated Income)

Source of Revenue	Provision Rs.		Collection Rs.		Surplus /Deficit(Variation) Rs.	
	2018	2019	2018	2019	2018	2019
a. Undergraduate Studies	5,300,000	7,550,000	7,646,570	8,808,780	2,346,570	1,258,780
b. Postgraduate Studies (Research)	1,950,000	2,200,000	2,779,640	3,276,520	829,640	1,076,520
c. Postgraduate Studies (Cost Recovery Basis)	250,000,000	235,000,000	236,985,310	306,591,620	(13,014,690)	71,591,620
d. Consultancies/ Training Programs	250,000,000	250,000,000	363,739,242	316,515,719	113,739,242	66,515,719
e. Other	51,750,000	55,650,000	61,446,289	67,280,296	9,696,289	11,630,296
Total	559,000,000	550,400,000	672,597,051	702,472,935	113,597,051	152,072,935

18. Financial Performance Analysis

Subject	Formula	Expenditure Per Student Rs.	
		2018	2019
a. Recurrent Expenditure per Student (RE)	RE/No. of Student strength	331,195	406,479
b. Capital Expenditure per Student (CE)	CE/No. of Student strength	67,264	50,605
Total		398,459	457,084

19. Details of Infrastructure Facilities

Infrastructure Details	Expenditure Rs. (Mn.)		Physical Progress	
	2018	2019	2019	
Extension to Administration building	5.96	3.11	100%	100%
Faculty of Architecture (Phase II) - Department of Town and Country Planning	-	-	100%	100%
Faculty of Architecture (phase III) - Department of Integrated Design	-	-	100%	100%
Faculty of Architecture (phase IV) - Department of Architecture	11.33	2.95	100%	100%
Lecture Room Building for Faculty of Architecture (Under Additional Intake of Students)	3.89	-	100%	100%
Lecture Room Building for Faculty of Engineering (Under Additional Intake of Students)	7.05	0.15	100%	100%
Student Centre & Canteen Extension (Under Additional Intake of Students)	-	3.26	100%	100%
New Building for Department of Building Economics	-	17.09	-	7%
Proposed Building Extension for the Department of Textile & Clothing Technology	159.60	63.11	80%	100%
Proposed Building for Department of Mechanical Engineering	0.27	42.87	-	5%
Design, Construction and completion of the proposed Building for the Dept. of Materials Science and Engineering	0.47	-	-	-
Advance Bitumen Testing & Accelerated Pavement Testing Laboratory - Phase I & Phase II (Construction of Highway Material Testing Laboratory - Phase I & Heavy Vehicle Bitumen Testing Laboratory)	3.34	0.39	100%	100%
Balance Work for Ground & Mezzanine Floors of Textile Extension Building for Department of Textile & Clothing Technology	0.69	-	100%	100%

* - Under Rehabilitation Funds

* - Under Rehabilitation Funds

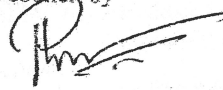
20. Financial Accounts 2019

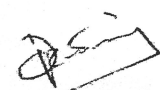
20.1 Statement of Financial Position as at 31st December 2019

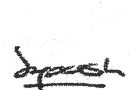
	Note	2019 Rs	2018 Rs
Assets			
Non Current Assets			
Property, Plant & Equipment	1	9,480,519,306	10,037,825,672
Investments (LT)	2	894,406,976	699,089,162
Work in Progress	3	689,562,284	577,215,357
Import Advance on Capital Item		5,371,150	3,804,637
		<u>11,069,859,716</u>	<u>11,317,934,828</u>
Current Assets			
Stocks	4	38,585,682	19,728,034
Loans & Advances to staff	5	49,309,916	52,034,483
Receivables	6	52,300,803	65,096,698
Pre Payments		4,249,975	4,310,110
Cash at Bank	7	144,969,929	164,681,510
Cash in Hand	8	50,000	5,000
		<u>289,466,305</u>	<u>305,855,835</u>
Total Assets		<u><u>11,359,326,021</u></u>	<u><u>11,623,790,663</u></u>
Liabilities			
Current Liabilities			
Deposit Payable	9	22,786,035	24,464,794
Research Grants	10	89,438,535	90,843,052
Payables	11	163,641,133	164,441,746
Accrued Expenses	-	137,504,763	97,105,081
Differed Income	12	660,800,892	558,508,281
		<u>1,074,171,357</u>	<u>935,362,954</u>
Non-Current Liabilities			
Provision for Gratuity		729,364,182	347,764,965
		<u>729,364,182</u>	<u>347,764,965</u>
Total Liabilities		<u><u>1,803,535,539</u></u>	<u><u>1,283,127,919</u></u>
Net Assets		<u><u>9,555,790,483</u></u>	<u><u>10,340,662,743</u></u>
Net Assets /Equity			
Capital Grant - Spent	13	3,806,254,641	3,949,650,980
Capital Grant -Unspent	14	0.00	18,652,736
Generated Funds Capital	15	58,570,010	55,435,546
Donation	16	562,946,621	638,353,279
Investment made by AHEAD	16 (a)	64,415,564	-
		<u>4,492,186,837</u>	<u>4,662,092,541</u>
Reserves			
Revaluation Reserve		5,420,265,315	5,701,953,501
Sport Dev. Reserve		1,367,650	1,360,900
General Reserve		<u>(1,236,464,751)</u>	<u>(813,782,527)</u>
		<u>4,185,168,214</u>	<u>4,889,531,874</u>
Funds			
Restricted Funds	17	851,303,587	763,358,796
Endowment Fund	18	27,131,846	25,679,532
Total Net Assets/Equity		<u><u>9,555,790,483</u></u>	<u><u>10,340,662,743</u></u>

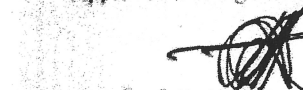
The Notes appearing on pages 06 to 21 form an integral part of the Financial Statement
The Council is responsible for the preparation and presentation of these Financial Statements.
Approved and signed for and on behalf of the council by

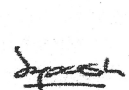

Prof. K. Kapila C.K. Perera
Vice Chancellor


Prof. P.K.S. Mahanama
Deputy Vice Chancellor
University of Moratuwa


W.M.D.P. Madawala Hulugalla
Registrar
Assistant Accounting Officer
University of Moratuwa


K.A.D. Pushpakeerthi
Bursar

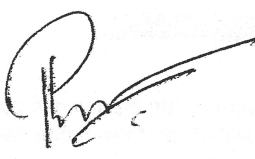

Prof. K. K. C. A. Perera
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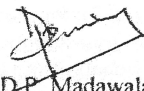

K.A.D. Pushpakeerthi
Bursar
University of Moratuwa

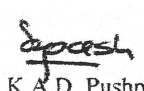
20.2 Statement of Financial Performance for the year ended 31st December 2019

	Note	2019	2018
Income			
Government Grant		2,756,920,000	2,329,350,000
Bursary		11,298,500	6,578,900
Mahapola		17,380,300	98,852,600
Endowment Scholarship		86,000	91,500
External Research Grants Income		48,410,570	72,770,518
Receipts from Cost Recovery Activities	31	520,323,724	536,644,801
Interest received	19	50,966,355	46,777,967
Income from students	20	12,085,300	10,426,210
Other Income	21	16,313,941	14,668,322
Amortization of Government Grant/Generated & Donation (Capital)		661,337,027	655,769,145
Total Income		4,095,121,716	3,771,929,963
Expenditure			
Personnel Emoluments	22	(2,316,466,946)	(1,899,255,770)
Traveling and Subsistence	23	(6,404,961)	(8,071,653)
Welfare services	24	(49,464,748)	(44,615,277)
Other Operating Expenses	25	(467,193,798)	(138,458,466)
Financial Assistance to Students	26	(28,764,800)	(105,523,000)
Sub Total		(2,868,295,253)	(2,195,924,165)
Contractual Services	27	(292,458,428)	(249,155,002)
Supplies and Consumables	28	(114,651,921)	(115,202,951)
Academic Research		(76,722,844)	(75,967,611)
Maintenance	29	(48,674,247)	(49,273,237)
External Research Grants Expenditure		(48,410,570)	(72,770,518)
Expenditure on Cost Recovery Activities	31	(520,323,724)	(536,644,801)
Depreciation		(583,471,105)	(574,861,957)
Amortization of Other Capital Activities		(755,772)	-
Finance Cost	30	(262,748)	(801,293)
Sub Total		(1,685,731,359)	(1,674,677,369)
Total Expenditure		(4,554,026,612)	(3,870,601,534)
Surplus/ (Deficit) for the Period		(458,904,896)	(98,671,571)


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20.3 Statement of changes in net Assets for the year ended 31st December 2019

	General Reserve	Sport Dev. Reserve	Revaluation Reserve	Endowment Fund	Restricted Funds	Capital				
						Donations	Investment Made By AHEAD	Generated Funds	Capital Grant Spent	Capital Grant Unspent
Balance as at 01-01-2018	(703,846,865)	1,295,900	5,940,080,295	22,814,924	600,506,998	712,239,381	-	55,487,293	4,035,103,568	(0)
Deficit for the Year	(98,671,571)	-	-	-	-	-	-	-	-	-
Amortization for the Year	-	-	(237,524,404)	-	-	(82,110,375)	-	(8,259,239)	(565,399,531)	-
Transfer to Sports Reserve	-	-	-	-	-	-	-	-	-	-
Transfer to General Reserves	27,458,194	-	-	-	-	-	-	-	-	-
Credit Adjustments (sch 9+10)	(38,722,286)	-	-	-	-	-	-	-	-	-
Debit Adjustments (sch 11+12)	-	65,000	-	-	486,972,934	-	-	-	-	-
Receipts	-	-	-	5,287,014	-	8,224,273	-	4,728,783	-	562,000,000
Interest Receipts	-	-	-	-	-	-	-	-	-	-
Amortization adjustment	-	-	(2,862,171)	-	-	-	-	-	-	-
Adjustment	-	-	2,259,780	-	-	-	-	3,478,709	(65,628,148)	2,227,826
Acquisition of Assets	-	-	-	-	-	-	-	-	276,948,586	(276,948,586)
Expenditure of Projects	-	-	-	-	-	-	-	-	192,658,894	(192,658,894)
Expenditure on Other Capital Activities	-	-	-	-	-	-	-	-	75,967,611	(75,967,611)
Utilization of Fund	-	-	-	(2,422,407)	(323,347,708)	-	-	-	-	-
Payments	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Balance as at 01-01-2019	(813,782,527)	1,360,900	5,701,953,501	25,679,532	764,132,225	638,353,279	-	55,435,546	3,949,650,980	18,652,736
Deficit for the Year	(458,904,896)	-	-	-	-	-	-	-	-	-
Amortization for the Year	-	-	(281,455,686)	-	-	(82,607,226)	(7,157,285)	(9,523,441)	(587,552,937)	-
Transfer to Sports Reserve	-	-	-	-	-	-	-	-	-	-
Transfer to General Reserves	-	-	(232,500)	-	-	-	-	(11,343)	-	-
Credit Adjustments (sch 9+10)	44,568,186	-	-	-	-	-	-	-	-	-
Debit Adjustments (sch 11+12)	(8,345,515)	-	-	-	-	-	-	-	-	-
Receipts	-	6,750	-	4,537,227	424,175,278	6,997,653	71,572,849	12,664,711	-	400,000,000
Interest Receipts	-	-	-	-	-	-	-	-	-	-
Amortization adjustment	-	-	-	-	-	-	-	-	-	-
Adjustment	-	-	-	-	(773,429)	202,915	-	4,537	-	-
Acquisition of Assets	-	-	-	-	-	-	-	-	217,388,555	(217,388,555)
Expenditure of Projects	-	-	-	-	-	-	-	-	128,647,026	(128,647,026)
Expenditure on Other Capital Activities	-	-	-	-	-	-	-	-	77,478,616	(77,478,616)
Utilization of Fund	-	-	-	-	-	-	-	-	-	-
Payments	-	-	-	(3,084,913)	(336,230,488)	-	-	-	-	-
Transfer from Development Funds	-	-	-	-	-	-	-	-	-	4,861,462
Balance as at 31-12-2019	(1,236,464,751)	1,367,650	5,420,265,315	27,131,846	851,303,586	562,946,621	64,415,564	58,570,010	3,785,612,240	(0)

20.4 Cash Flow Statement for the Year Ended 31st December 2019

	Note	2019 Rs	2018 Rs
Cash flows from Operating Activities			
Surplus/(deficit) from the Ordinary Activities		(458,904,896)	(98,671,571)
Adjustments			
Depreciation	1	864,926,791	812,386,360
Depreciation on Adjustment to PPE		215,296	14,431,530
Amortization of Government Grant/Generated & Donation (Capital)	13/15/16	(661,337,027)	(655,769,145)
Credit Adjust (Sch9+10)		44,568,186	27,458,194
Debit Adjust (Sch 11+12)		(8,345,515)	(38,722,286)
Interest received	19	(50,966,355)	(46,777,967)
Provision for Gratuity		429,368,809	99,372,451
Profit/Loss of Disposal of Asset		232,500	2,574,515
Finance Cost	30	262,748	801,293
Revaluation reserve adjustment		(281,688,186)	(238,126,794)
Increase /Decrease in Working Capital			
Increase / Decrease in Stocks	4	(18,857,649)	(3,221,716)
Increase / Decrease in Other current assets		15,580,597	49,303,357
Increase / Decrease in Current Liabilities		138,808,402	157,681,214
Interest from Loans & Advances to Staff	19	2,137,836	2,207,876
Gratuity Paid		(47,769,592)	(20,047,992)
Finance Cost paid		(262,748)	(801,293)
Net Cash flows from Operating activities		(32,030,801)	64,078,027
Cash flows from Investment Activities			
Purchase of Plant and Equipment (Govt. Grant)	1	(217,388,555)	(986,397,853)
Adjustment to PPE		(4,305,915)	18,194,792
Purchase of Plant and Equipment (Gen. Funds)	1	(7,803,249)	(4,728,783)
Purchase of Plant and Equipment (Donations)	1	(78,570,502)	(8,224,273)
Increase / Decrease in Import Advance		(1,566,513)	872,975
Increase / Decrease in WIP		(112,346,927)	467,288,284
New Investment	2	(155,470,300)	(184,875,127)
Interest from Investments (Long Term)	2	(39,847,515)	(32,752,762)
Bank Interest Received for Endowment fund	18	2,362,227	1,643,574
Interest from Investments	19	48,828,519	44,570,091
Net Cash flows from Investing Activities		(566,108,729)	(684,409,082)
Cash flows from Financing Activities			
Grant from Treasury		400,000,000	562,000,000
Funds From Generated Income to Purchase PPE		12,664,711	4,728,783
Other Adjustment to Generated Capital		(6,806)	3,478,709
Donations for PPE	16	7,200,568	8,224,273
Adjustment to Capital Spent A/C		-	(65,628,148)
Adjustment to Capital Unspent A/C		-	2,227,826
AHEAD Net Grant		71,572,849	
Payments of Awards from Endowments fund	18	(3,084,913)	(2,422,407)
Proceeds to Endowment fund	18	2,175,000	3,643,440
Proceeds to Restrictd Funds	17	424,175,278	486,972,934
Payments from Restricted Funds	17	(336,230,488)	(323,347,708)
Sport Dev. Reserve		6,750	65,000
Net Cash flows from Financing Activities		578,472,949	679,942,703
Net Increase/(Decrease) in cash and cash equivalent		(19,666,581)	59,611,648
Cash and Cash equivalent at the beginning of Period	32	164,686,510	105,074,861
Cash and Cash equivalent at the end of Period	32	145,019,929	164,686,509

20.5 Notes to the Financial Statements – 2019

01. Reporting Entity

1.1 Legal and domicile form

The University of Moratuwa is a Statutory body incorporated by the Act of Parliament No. 16 of 1978 Universities Act, and domiciled in Sri Lanka situated at Bandaranayake Mawatha, Katubedda, Moratuwa.

1.2 Date of authorization for issue

The Financial Statements were authorized for issue by the Council on 26 Feb 2019.

1.3 Principal activities and nature of operations

- Providing transformative education in technological and related disciplines which nurtures the inquiring mind and develops knowledge and skills for facing global challenges.
- Carrying out nationally relevant and high-impact research to expand the boundaries of knowledge and to enhance the national technological capabilities.
- Providing expert services to the State, Industry and the Society as an internationally positioned Sri Lankan University.
- Contributing to sustainable, scientific, technological, social and economic development of Sri Lanka.

1.4 Financial Period

The financial period of the University of Moratuwa represents twelve months period from 1st January 2019 to 31st December 2019.

Significant Accounting Policies

2. Summary of Significant accounting policies

2.1 General accounting policies

The financial statements of the University of Moratuwa have been prepared in accordance with the generally accepted accounting principles and Sri Lanka Public Sector Accounting Standards (SLPSAS) issued by the Institute of Chartered Accountants of Sri Lanka.

The principal accounting policies applied in the preparation of the financial statements are set out below. These policies have been consistently applied to all periods presented in the financial statements unless otherwise stated.

2.2 Basis of preparation of financial statements

2.2.1 Statement of compliance

These financial statements comprise the statement of financial position, statement of financial performance, statement of changes in equity, statement of cash flows and notes to the financial statements. These financial statements have been prepared in accordance with Sri Lanka Public Sector Accounting Standards.

2.2.2 Basis of Measurement

The financial statements have been prepared on historical cost basis except where appropriate disclosures are made with regard to fair value under relevant notes.

2.2.3 Comparative information

Comparative information including quantitative, narrative and descriptive information is disclosed in respect of the previous period for all amounts reported in the financial statements in order to enhance the understanding of the financial statements of the current period and to improve comparability.

2.2.4. Functional and presentation currency

The financial statements are presented in Sri Lankan Rupees (SLR), the University's functional and presentation currency, which is primary economic environment in which the University Operates.

All financial information presented in Sri Lankan Rupees, has been rounded to the rupee unless otherwise stated.

2.2.5 Significant accounting estimates and judgments

The preparation and presentation of financial statements in conformity with SLPSAS/LKAS/SLFRS, requires management to make judgments, estimates and assumptions that affect the application of accounting policies and reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates and judgments used.

Estimates and underlying assumptions are reviewed on an on-going basis. Revisions to accounting estimates are recognized in the period in which the estimate is revised if the revision affects only that period or in the period of the revision and future periods if the revision affects both current and future periods.

Information about significant areas of estimates, uncertainty and critical judgments in applying accounting policies that have the most significant effects on the amounts recognized in the financial statements is as follows.

Economic useful life of the assets

The useful economic value of the asset is determined by the management based on their best estimate and expert advice is obtained where it is not practical to do so.

Changes in accounting estimates and judgments

Any changes in accounting estimates and critical judgments are disclosed in the relevant notes to the financial statements.

2.2.6 Materiality and aggregation

Each material class of similar items is presented separately in the financial statements. Items of a dissimilar or function or are presented separately unless they are immaterial.

2.3 Assets and the bases of their valuation

2.3.1 Property, Plant and equipment (PPE)

(a) Recognition and Measurement

All items of Property, Plant & Equipment are initially recognized at cost less accumulated depreciation and any impairment losses.

Depreciation on property, plant & equipment purchased through Government Grant is charged to statement financial performance and correspondent grant amount is amortized over the useful life of the related asset.

Depreciation on property, plant & equipment purchased through Generated Funds and acquired through Donations is charged to statement financial performance over the useful life of the related asset and correspondent grant amount is amortized 10% annually.

(b) Cost

The cost of property, plant & equipment comprises its purchase price and any directly attributable cost of bringing the asset to working condition for its intended use.

The total Capital Expenditure including Govt: Capital Grants and Other Grants used for the year was Rs.509,887,948 which has been spent as follows

	Govt: Grant (Rs)	Generated Funds (Rs)	Donations & Other Funds (Rs)
Construction work	128,647,026	-	-
Acquisition of Fixed Assets	143,962,709	7,803,249	78,570,502
Rehabilitation	73,425,846	-	-
Human Capital Expenditure	77,478,616	-	-
	423,514,197	7,803,249	78,570,502
• Govt: Capital Grant Received			400,000,000
ADD Capital Unspent Balance in 2018			<u>(18,652,736)</u>
			418,652,736
Transferred from University Development fund			<u>4,861,461</u>
			<u>423,514,197</u>

(c) Subsequent Expenditure

Subsequent expenditure incurred for the purpose of acquiring, extending or improving assets of a permanent nature in order to carry on or increase the earning capacity of the assets has been treated as capital expenditure

(d) Depreciation

Depreciation on property, plant & equipment purchased through Government Grant, Generated Funds & acquired through Donation is charged to the statement of financial performance in order to write off the cost of such assets over their estimated useful lives.

Depreciation has been calculated for all property, plant and equipment using straight line method as per UGC Circular No 649 of 05.10.95

Depreciation has been computed from the month of use of the assets.

The annual rates of depreciation are as follows.

<u>Assets Category</u>	<u>Rate</u>
Buildings (Including Structures)	05%
Office Equipments	20%
Lab & Teaching Equipment	20%
Furniture & Fittings	10%
Library Books	20%
Motor Vehicles	20%
Plant & Machinery	10%
Sports Equipments	20%
Cloaks	20%
PABX System	10%
Water Supply Scheme	10%
Hostel Equipment	20%

(e) Revaluation of Assets

All items of property, plant and equipment except Library Books purchased/ acquired up to 31.12.2013 has been revalued by the Government Valuation Department. The new revalued amounts have been incorporated to financial statement of the University of Moratuwa for the year ended 31 December 2019.

Due to practical issues revaluation model cannot be used for library books. Therefore, Library books are shown at carrying value using the cost model.

(f) De- recognition

An item of property, plant & equipment is derecognized upon disposal or when no future economic benefits are expected from its use or disposal. Any gain or loss arising on de recognition of the asset is calculated as the difference between the net disposal proceeds and the carrying amount and included in the statement of the financial performance in the year the asset is de recognized.

Disposal of Capital items have been accounted in conformity with the Sri Lanka Public Sector Accounting Standards (SLPAS7).

(g) Expenditure on Other Capital Activities

The expenditure for the other capital activities (Human Capital Development) introduced by the University Grants Commission has been accounted as recurrent expenditure and charged to Statement of Financial Performance.

2.3.2 Work in progress

Capital work in progress is stated at cost less any impairment losses. These are expenses of a capital nature directly incurred in the construction of property, plant and equipment awaiting capitalization. Capital work in progress would be transferred to the relevant asset category in the property, plant and equipment, when it is available for use.

2.3.3 Inventories

Inventories are stated at the cost or net realizable value whichever is lowest. Stocks in stores have been valued at cost using First in First out (FIFO) basis

The inventories of the University include the stationery and other consumables used in academic and maintenance activities, stamps and balance stocks of drugs and dressing.

2.3.4 Contingent Assets

(a) Violation of Bonds & Agreements

Value due on Violation of Bonds & Agreements is Rs: 77,672,719.79 as at 31.12.2019 as Contingent Assets.

2.4 Liabilities & Provisions

(a) All known liabilities have been accounted for in preparation of the financial statements for the year 2019.

(b) Contingent Liabilities

The details of legal cases filed against the University of Moratuwa

Legal cases filed during the year 2019	- 05
Completed legal cases during the year 2019	- 04
Continuing legal cases as at 31.12.2019	- 10

The details of legal cases filed by the University of Moratuwa

There are 10 legal cases filed for the Violation of Bonds and Agreements as at 31.12.2019

(c) Provisions for the Gratuity of the employees have been provided for the year 2019 considering the years of the service of the employees. Total Liability of Gratuity as at 31.12.2019 was calculated using Actuarial Valuation method as prescribed by Sri Lanka

Public Sector Accounting Standards 19 (SLAPSAS-19) –Employee Benefits.

Change in the Present Value of the Defined Benefit Obligation (PV-DBO)

Provision for PV-DBO as at 01 January 2019	=347,764,965
Interest Cost for the period	= 38,254,146
Current Service Cost for the period	= 51,589,620
Gratuity Paid/Payable for those who left during the period	= (47,769,591)
Actuarial (Gain)/ Loss on PV-DBO	= 339,525,042
Provision for PV-DBO as at 31 December 2019	= 729,364,182

AMOUNTS RECOGNIZED IN THE STATEMENT OF FINANCIAL POSITION & STATEMENT OF FINANCIAL PERFORMANCE

Liability Recognized in the Statement of Financial Performance

Provision for Gratuity as at 31 December 2019	= 729,364,182
Unrecognized actuarial Gains/(Losses) as at 31 December 2019	= -
Liability Recognized in the Statement of Financial Performance as at 31 December 2019	=729,364,182

Expenses Recognized in the Statement of Financial Performance

Interest Cost	= 38,254,146
Current Service Cost	= 51,589,620
Net Actuarial (Gain)/ Loss Recognized Immediately	= 339,525,042
Expenses Recognized in the Statement of Financial Performance	= 429,368,808

2.5 General Reserves

Breakdown of the General Reserve of the University, vide UGC Circular No: 649 of 05.10.95 is as follows.

Accumulated Depreciation	Rs:	(2,880,682,825)
Others	Rs:	1,644,055,491
Total	Rs:	(1,236,627,334)

2.6 Statement of Financial Performance

2.6.1 Income

Revenue consists of Government Grants(Treasury), Grants from the UGC & Ministry and income generated through internal sources, Interest on investment in accounted on an accrual basis.

(a) Government Grant

Income Approach method was used for the Accounting for Government Grants and Disclosure of Government Assistance

(b) Generated Income

The Postgraduate courses and Training Programs / Short courses are conducted on Cost Recovery Basis.

Receipts and payments in respect of Consultancy, Testing Assignments & Self Financing Training courses (including Postgraduate Courses) are as follows.

Receipts	Rs	623,107,339.20
Payments	Rs.	(520,323,723.82)
Balance	Rs.	102,783,615.37

Rs. 520,323,723.83 out of the actual Receipts of Rs. 623,107,339.20 for the year 2019 has been taken into the Statement of Financial Performance from Cost Recovery Activities and Expenditure on Cost Recovery Activities respectively and balance amount of Rs. 102,783,615.83 has been accounted as Deferred Income.

As a practice the Ledger Accounts inactive during the last 3 years were closed on the recommendation of the Course/ Project Coordinator and the approval of the Council.

(c) External Research Grants

Receipts & Payments in respect of external research grants during the year as follows.

Opening unspent balance	90,843,052.04
Total Receipts	48,556,559.91
Total Recurrent Expenses	48,410,570.25
Total Capital Expenditure	1,550,507.02
Closing unspent balance	89,438,534.68

Total Recurrent Expenditure incurred out of external Research Grants has been identified as External Research income and Expenditure in the Income Statement. The Capital Expenditure incurred out of the External Research Grants has been identified in the respective Fixed Assets Account and the donation Capital Account. The Closing unspent balance has been shown as a Liability Account in the Statement of Financial Position.

(d) Investment made by AHEAD Operation

In the year 2019, a World Bank funded project called AHEAD was operated in the University of Moratuwa. This project was started in 2018.

The Capital expenditure incurred in acquiring of Fixed Assets using this grant as at 31.12.2019 was taken to the respective fixed asset and Grant after amortizing 10% was shown in the Statement of Financial position as Investment made by AHEAD. The details are shown in the Note No 16 (a)

(e) Related Party Transactions

University of Moratuwa has done following transactions with the Uni Consultancy Services (Pvt) Ltd which is an affiliated company during the year 2019.

Income received from Uni Consultancy Services (Pvt) Ltd is Rs. 378,000.00

Payments made for the services rendered by Uni Consultancy Services (Pvt) Ltd is Rs. 958,529.38

(f) Interest received on investments of the income derived from Violation of Bonds & Agreements is Rs: 6,541,325.50

This interest income is recognized in a provision account called interest received from Violation of Bonds and Agreement as per the UGC circular No 737 dated 18th August 1998.

2.6.2 Expenditure

(i) The expenditure has been analyzed by projects/ objects and classified in to expenditure headings based on guidelines given by the University Grants Commission and the Common Format Reporting System.

(ii) Since 2006, Gratuity Provisions included under personal Emoluments have been disclosed under the Other Operating Expenses in Statement of Financial Performance as instructed by the Auditors.

2.7 Cash -Flow Statement

The cash flow statement has been prepared in conformity with the Sri Lanka Public Sector Accounting Standards (SLPSAS 2) using "Indirect Method"

2.8 Statement of Comparison

Statement of Comparison of Income & Expenditure was prepared and presented only for Budgeted and Additional Grants received from Treasury.

The following three accounts which were classified under restricted funds were reclassified as Research Grants in 2019

A/C Code	Description	2019	2018
OA-ZH-68	Chemical & Process Eng. Dept. Research Fund	195,532.21	195,532.21
OA-ZJ-49	Department of Building Economics Postgraduate Research Fund	435,402.34	427,846.79
OA-ZJ-73	Postgraduate Studies Division of IT Faculty	212,050.00	150,050.00
	Total	842,984.55	773,429.00

20.6 Notes to the Statement of Financial Position

Note - 1

	2019 Rs	2018 Rs
<u>Property Plant and Equipment</u>		
<u>Cost - Note - 01 (a)</u>		
Balance As At 01 Jan	12,053,583,910	11,076,864,870
Additions During the year	303,762,305	289,901,642
Disposals During the year	(450,000)	(4,437,077)
Revaluation of Assets During the Year	-	2,259,780.00
Adjustment for the Year	4,305,915	(20,454,571.59)
Transfers from W.I.P (Note 3)	-	709,449,267
Balance As At 31 Dec	<u>12,361,202,130</u>	<u>12,053,583,910</u>
<u>Provision for Depreciation - Note - 01 (a)</u>		
Balance As At 01 Jan	2,015,758,238	1,190,802,910
Depreciation for the Year	864,926,791	812,386,360
Disposals During the year	(217,500)	(1,862,562)
Adjustment of Depreciation	215,296	14,431,529.89
Balance As At 31 Dec	<u>2,880,682,825</u>	<u>2,015,758,238</u>
W.D.Value As At 31 Dec	<u>9,480,519,306</u>	<u>10,037,825,672</u>

Note - 02

Investments (LT)

Opening Balance - University	699,052,064	481,424,175
Opening Balance - Hostel	37,098	37,098.00
Interest Received	39,847,515	32,752,762
Adjustments -to previous years	-	69,875,127
Add - Investments	155,470,300	115,000,000
Withdrawals	-	-
	<u>894,406,976</u>	<u>699,089,162</u>

Note - 03

Work in Progress

Opening Balance	577,215,357	1,044,503,641
Add /Less Adjustment to previous years	-	49,502,089
Capital Grant spent (Note 13)	112,346,927	192,658,894
Donations & Generated Funds - (Note 15/16)	-	-
	<u>689,562,284</u>	<u>1,286,664,625</u>
Capitalized to Building (Note 1)	-	(709,449,267)
Closing Balance	<u>689,562,284</u>	<u>577,215,357</u>

Note - 4

Stocks

Stores	16,986,434	19,145,115
Stamps	49,364	45,600
Drugs	563,737	537,319
Maintenance Stock	20,986,147	-
Total	<u>38,585,682</u>	<u>19,728,034</u>

Note - 5

Loans & Advances to staff

Festival Advance	218,500	206,250
Special Advance	10,950	7,250
Salary Advance	3,344	3,344
Distress Loan	47,186,691	49,279,323
Vehicle Loan	1,259,359	1,662,682
Staff Loan	62,073	108,134
Computer Loan	569,000	767,500
Total	<u>49,309,916</u>	<u>52,034,483</u>

Note 6**Receivables**

	2019 Rs	2018 Rs
Advance for Supplies	275,741	936,024
Miscellaneous Advance	4,448,306	3,589,437
Money Due from Treasury (Capital Grant Receivable)	-	-
Deposits Receivable	1,142,530	1,142,530
Mahapola Receivable	-	35,374,750
Bursary Receivable	8,897,000	1,363,500
Recovery of Mahapola Overpayment	37,250	37,250
Endowed Scholarship Receivable	86,000	91,500
Library Fine Receivable	301,553	470,238
Bursary Advance	1,300,000	1,256,650
Reimbursement Receivable from External Research Agencies	2,608,746	-
Reimbursement of Overpaid Salary	14,929,635	-
Income Receivable	18,274,042	20,834,819
Total	52,300,803	65,096,698

Note - 7**Cash at Bank**

Bank of Ceylon - A/C No 0000306836	62,356	1,768,286
Bank of Ceylon A/C No 0000307829	4,453,466	97,008,703
Bank of Ceylon A/C No 0000307453	1,027,016	8,291,388
Bank of Ceylon A/C No 0000307164	342,650	1,360,900
Bank of Ceylon A/C No 0000307353	620,459	575,368
Bank of Ceylon - A/C No 7099353	133,315,051	51,900,220
Bank of Ceylon - A/C No 306795 (Hostel)	4,162,375	2,888,431
Bank of Ceylon - A/C No 71579813	102,720	12,940
Foreign RFD/KAT/US\$40	883,835	875,275
Total	144,969,929	164,681,510

Note - 8**Cash In Hand****Petty Cash Imprest**

Department of Electrical Engineering	10,000	-
Department of Electronic & Telecommunication	15,000	-
Centre for Open & Distance Learning	20,000	-
AHEAD -OTS Office	5,000	-
Physical Education	-	5,000
Total	50,000	5,000

Note - 9**Deposits Payable**

Tender	177,000	180,610
Sundry	2,641,886	2,901,737
Fidelity Guarantee	17,500	17,500
Canteen	431,000	401,000
Laboratory & Library	17,204,750	18,450,750
Security	612,744	541,688
Bid Bond	829,155	1,147,510
Internet	872,000	824,000
Total	22,786,035	24,464,794

Note 10**Research Grants**

National Science Foundation	7,688,592	8,064,515
International Funded Research Projects	-	-
Other Research Grants	81,749,944	82,778,537
	89,438,535	90,843,052

Note – 11	2019	2018
<u>Payables</u>	Rs	Rs
Mahapola Scholarship Fund	-	363,550
Unpaid Bursary	15,900	-
Unpaid Mahapola	-	144,950
Mahapola Payable	-	106,550
Other Liabilities	61,592,250	59,299,143
Receipts for Capital Activities	22,452,803	21,948,803
Sundry Creditors	28,184,442	21,464,137
Retention A/C- Suppliers	9,288,663	10,194,694
Retention for Contractors	36,502,106	48,496,291
Grant for Foreign Students from Ministry of HE	1,471,775	1,081,875
Unpaid Wages	463,631	562,667
Nation Building Tax	-	773,487
With Holding Tax Payable	1,573,711	5,601
Withholding Gratuity Payble	2,095,851	-
Total	163,641,133	164,441,746

Note – 12		
<u>Differed Income</u>		
Postgraduate courses	429,766,619	369,888,178
Part Time Courses	8,592,456	6,837,384
Training Programs	34,717,603	24,672,848
Other Programs	114,921,070	111,655,150
Workshops	-	-
Projects	72,803,144	45,454,721
Total	660,800,892	558,508,281

Note – 13		
<u>Capital Grant Spent</u>		
Opening Balance	3,949,650,980	4,035,103,569
Adjustments	-	(65,628,148)
Acquisition of assets	217,388,555	276,948,586
Expenditure on Other Capital Activities	77,478,616	75,967,611
Expenditure on Projects (Note 3)	128,647,026	192,658,894
Import Advance	-	-
Transferred from UDF	(4,861,462)	-
Amortization – for the Year	(562,049,075)	(565,399,531)
Balance	3,806,254,641	3,949,650,980

Note – 14		
<u>Capital Grant – Unspent</u>		
Opening Balance	18,652,736	-
Grant from the Treasury	400,000,000	562,000,000
Grant Receivable from Treasury	-	-
UGC Grant for Equipment	-	-
Transferred from UDF	4,861,462	-
Adjustments	-	2,227,826
Acquisition of assets	(294,867,171)	(352,916,196)
Ex.On W.I.P	(128,647,026)	(192,658,894)
Total	0.00	18,652,736

Note – 15		
<u>Generated Funds – Capital</u>		
Opening Balance	55,435,546	55,487,293
Adjustments	4,537	3,862,711
Vice Chancellor's Fund & Other Dept Funds	7,803,249	4,728,783
Additional Transfer from UDF	4,861,462	-
	68,104,794	64,078,787
Less- Transfer to General Reserves A/C	-	-
Amortization for Previous Years	(11,343)	(384,002)
Amortization for the year	(9,523,441)	(8,259,239)
Capital – Hostels	-	-
Total	58,570,010	55,435,546

Note – 16**Donations - Capital**

	2019 Rs	2018 Rs
Opening Balance	638,353,279	712,239,381
Adjustments	202,915	-
Ex.On W.I.P	-	-
Receipts	6,997,653	8,224,273
	<u>645,553,847</u>	<u>720,463,654</u>
Less- Transfer to General Reserves A/C	-	-
Amortization for Previous Years	-	-
Amortization for the year	(82,607,226)	(82,110,375)
Total	<u>562,946,621</u>	<u>638,353,279</u>

Note – 16 (a)**Donations - Investment made by AHEAD Operations**

Opening Balance	-	-
Adjustments	-	-
Ex.On W.I.P	-	-
Receipts	71,572,849	-
	<u>71,572,849</u>	<u>-</u>
Less- Transfer to General Reserves A/C	-	-
Amortization for Previous Years	-	-
Amortization for the year	(7,157,285)	-
Total	<u>64,415,564</u>	<u>-</u>

Note 17**Restricted Funds**

	2019 Rs	2019 Rs	2018 Rs	2018 Rs
Generated Funds	412,830,636		298,684,426	
Add - Receipts	351,065,951		426,441,609	
Less - Payments	(326,246,586)		(312,295,399)	
	437,650,001		412,830,636	
Add - Department A/C & Course Dev Funds	181,732,342		143,690,417	
	619,382,343		556,521,053	
Closing Balance		619,382,343		556,521,053
Donated Funds	18,582,450		17,871,033	
Add - Receipts	770,894		834,053	
Less - Payments	(82,699)	19,270,646	(122,636)	18,582,450
Research Grants Funds	9,617,673		9,383,272	
Add - Receipts	251,051		234,401	
Less - Payments	-	9,868,724	-	9,617,673
Bonds & Agreements Fund	149,084,328		135,227,906	
Add - Receipts	21,834,370		17,745,536	
Less - Payments	(2,521,257)	168,397,441	(3,889,115)	149,084,328
Other Funds	29,553,291		25,845,987	
Add - Receipts	5,000,683		3,794,430	
Less - Payments	(169,541)	34,384,433	(87,126)	29,553,291
		<u>851,303,587</u>		<u>763,358,796</u>

Note – 18**Endowment funds**

	2019 Rs	2018 Rs
Opening Balance	25,679,532	22,814,924
Receipts	2,175,000	3,643,440
Interest receipts	2,362,227	1,643,574
Payments	(3,084,913)	(2,422,407)
Total	<u>27,131,846</u>	<u>25,679,532</u>

20.7 Notes to the Statement of Financial Performance

Note - 19

Interest Received

	2019 Rs.	2018 Rs.
Interest from investments	48,828,519	44,570,091
Interest from Loans & Advances	2,137,836	2,207,876
	<u>50,966,355</u>	<u>46,777,967</u>

Note - 20

Income from Students

Registration - Undergraduate	945,920	1,073,920
Postgraduate	2,362,600	2,227,200
Tuition Fees - Undergraduate	7,612,300	6,321,050
- Postgraduate	-	-
Examination Fees - Undergraduate	250,560	251,600
- Postgraduate	913,920	552,440
	<u>12,085,300</u>	<u>10,426,210</u>

Note - 21

Other Income

Rent from Properties	759,400	1,049,856
Reimbursements	-	-
Miscellaneous Receipts	15,283,390	12,594,981
Library Fines	64,838	389,443
Medical Fees	206,313	158,847
Sale of Old Stores	-	475,196
	<u>16,313,941</u>	<u>14,668,322</u>

Note - 22

Personal Emoluments

Academic

Salaries and Wages	555,444,509	469,927,943
Allowances	707,415,841	517,551,970
Cost of Living Allowances	47,733,761	45,888,336
UPF	102,907,204	84,679,585
Pension	60,841,343	45,767,806
E.T.F.	32,740,248	26,091,504
Acting Payments	-	-
Visiting Lectures Fees	37,600,964	36,872,411

Non Academic

Salaries and Wages	345,717,616	305,421,127
Allowances	208,165,399	171,179,950
Cost of Living Allowances	67,695,079	66,381,316
Language Proficiency Allowance	-	-
UPF	47,153,577	40,894,070
Pension	29,685,867	24,555,484
ETF	15,386,826	13,132,166
Acting Payments	556,415	307,049
Over time	57,255,945	50,353,799
Holiday Payments	166,354	251,254
	<u>2,316,466,946</u>	<u>1,899,255,770</u>

Note - 23		
Traveling and Subsistence		
Domestic	2019 Rs.	2018 Rs.
	1,399,885	1,991,508
Foreign	5,005,076	6,080,145
	6,404,961	8,071,653
Note - 24		
Welfare Services		
Uniforms and Tailoring Charges	2,755,773	2,285,631
Medical Supplies	1,173,079	871,307
Staff Development	6,487,822	6,342,677
Holiday Warrants and Season tickets	1,859,590	1,721,025
Awards and Indemnities	3,105,933	2,032,260
Industry Internship & Career Guidance	-	95,960
University Sport Activities	2,611,100	2,998,930
Student Welfare, Employee Welfare, Student Council	66,707	-
Contributions and Membership fees	3,307,212	2,545,595
Other -Newspapers, Magazines etc	28,097,531	25,721,891
	49,464,748	44,615,277
Note - 25		
Other Operating Expenses		
Council and Committee Service	899,800	700,650
Professional and Other fees	7,622,666	6,263,633
Entertainment Expenses	5,233,751	5,544,797
Convocation	6,257,983	7,534,052
Examination Expenses	12,128,628	13,180,939
Gratuity Provisions	429,368,809	99,372,451
Property Loan Interest- Government Contribution	5,682,162	5,861,943
	467,193,798	138,458,466
Note - 26		
Financial Assist to Students		
Mahapola Scholarships	17,380,300	98,852,600
Bursary	11,298,500	6,578,900
Endowment Scholarships	86,000	91,500
	28,764,800	105,523,000
Note - 27		
Contractual Service		
Transport	3,156,376	3,980,971
Telecommunication	54,787,205	49,466,620
Postal Charges	2,195,181	2,425,361
Electricity	90,368,664	80,923,112
Security Services	40,748,231	35,141,292
Water	8,110,814	6,608,661
Cleaning Services	80,525,621	59,053,050
Rental and Hire Charges	4,977,259	5,737,488
Rates and Taxes	50,511	288,118
Printing and Advertising	6,985,595	5,389,878
Others	552,971	140,451
	292,458,428	249,155,002

Note - 28	2019	2018
<u>Supplies and Consumables</u>	Rs.	Rs.
Stationary	25,080,639	24,697,883
Fuel and Lubricants	11,318,371	10,428,045
Mechanical and Electrical Goods	553,620	1,597,555
Chemicals and Glassware	1,899,411	1,164,213
Other Supplies (Software, Maintenance items etc)	75,799,881	77,315,255
	114,651,921	115,202,951

Note - 29		
<u>Maintenance</u>		
Vehicles	13,104,069	12,463,235
Plant Machinery and Equipment	35,529,297	36,810,002
Other -Building and Structures	40,882	-
	48,674,247	49,273,237

Note - 30		
<u>Finance Cost</u>		
Bank Charges	262,748	801,293
	262,748	801,293

Note - 31		
<u>Generated Income / Expenditure</u>		
Post Graduate Courses	215,647,170	173,484,040
Short Courses	38,953,416	44,729,259
Consultancy Projects	265,723,138	318,431,501
	520,323,724	536,644,801

Notes to the cash flow Statement

Note - 32		
<u>Cash and Cash Equivalent</u>		
Investment (LT)	894,406,976	699,089,161
Cash at Bank	144,969,929	164,681,510
Cash in Hand	50,000	5,000
Cash and Cash Equivalent	1,039,426,905	863,775,671



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தேசிய கணக்காய்வு அலுவலகம்

NATIONAL AUDIT OFFICE



මගේ අංකය
எனது இல.
My No.

HED/C/UOM/6/19/FA

ඔබේ අංකය
உமது இல.
Your No.

දිනය
திகதி
Date

28.08.2020

Vice Chancellor
University of Moratuwa

Report of the Auditor General on the Financial Statements of the University of Moratuwa for the year ended 31 December 2019 in terms of Section 12 of the National Audit Act No. 19 of 2018

1. Financial Statements

1.1 Opinion

The Financial Statements of the University of Moratuwa for the year ended 31st December 2019 consisting of the Statement of Financial Position as at 31st December 2019, the Statement of Financial Performance, Statement of Changes in Equity and Statement of Cash Flow for the year then ended, Notes to the Financial Statements, and a Summary of Significant Accounting Policies were audited under my direction in terms of Article 154 (1) of the Constitution of the Democratic Socialist Republic of Sri Lanka and the provisions of the National Audit Act No. 19 of 2018 read with Section 107 (5) of the Universities Act No. 16 of 1978. The comments and observations which I deem necessary to publish together with the Annual Report of the University of Moratuwa in terms of Section 108 (1) of the Universities Act No. 16 of 1978 are given in this Report. My Report will be tabled in Parliament in due course in terms of Article 154(6) of the Constitution.

In my opinion, the accompanying financial statements present fairly, the financial position of the University as at 31 December 2019, and its financial performance and its cash flows for the year then ended in accordance with Sri Lanka Public Sector Accounting Standards.

1.2 Basis for the Opinion

I conducted the audit in accordance with the Sri Lanka Auditing Standards. My responsibility under these Auditing Standards has been described further in the part styled The Responsibility of the Auditor regarding the Auditing of Financial Statements in this Report. It is my belief that the audit evidence I have obtained for furnishing a basis for my unqualified opinion are adequate and relevant.





1.3 Responsibilities of Management and Those charged with Governance for the Financial Statements.

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Public Sector Accounting Standards, and for such internal control as Management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, Management is responsible for assessing the University's ability to continue as a going concern, and except in the instances when action is taken to stop the operations where the management is intending to liquidize the University or there's no any other option, disclosing, as applicable matters related to going concern and using the going concern basis of accounting.

Those charged with governance are responsible for the University's financial reporting process.

As per Section 16(1) of the National Audit Act No. 19 of 2018, the University is required to maintain proper books and records of all its income, expenditure, assets and liabilities, to enable annual and periodic financial statements to be prepared of the Institution.

1.4 Auditor's Responsibilities for the Audit of the Financial Statements

My objective is to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Sri Lanka Auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Sri Lanka Auditing Standards, I exercise professional judgement and maintain professional skepticism throughout the audit. I also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Institution's internal control.



- Conclude on the appropriateness of Management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institution's ability to continue as a going concern. If I conclude that a material uncertainty exists. I am required to draw attention in my auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify my opinion. My conclusions are based on the audit evidence obtained up to the date of my auditor's report. However, future events or conditions may cause the Institution to cease to continue as a going concern.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by Management.
- Evaluate the overall presentation, structure and content of the financial statements including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

I communicate with those charged with governance regarding, significant audits findings, including any significant deficiencies in internal control that I identify during my audit.

2. Report on other Legal and Regulatory Requirements

National Audit Act, no. 19 of 2018, includes specific provisions for following requirements.

- I have obtained all the information and explanation that required for the audit and as far as appears from my examination, proper accounting records have been kept by the Institution as per the requirements of section 12(a) of National Audit Act, No. 19 of 2018 except the effect of the matters describe in the section of basis for the qualified opinion in my report.
- The financial statements presented is consistent with the preceding year as per the requirement of section 6(1) (d) (iii) of the National Audit Act, No. 19 of 2018.
- The financial statements presented includes the recommendations made by me in the previous year as per the requirement of section 6 (1) (d) (iv) of the National Audit Act, No. 19 of 2018.

Based on the procedures performed and evidence obtained which were limited to matters that are material, nothing has come to my attention to make the following statements.

- To state that any member of the governing body of the University has any direct or indirect interest in any contract entered in to by the University, which are out of the normal course of business as per the requirement of service 12 (d) of the National audit Act, No. 19 of 2018.



- As per the requirement of the Article 12 (f) of National Audit Act No. 19 of 2018, except the following observations, Noncompliance with certain written laws or other general or special provisions issued by the Governing Council of the Institution.

Reference to Law, Rule/ <u>Directive</u>	<u>Description</u>
(a) Financial Regulations of the Democratic Socialist Republic of Sri Lanka Financial Regulation 757 – (2) (a)	According to the stock verification report on 31 st December of the year under review, there's a deficiency of stock of Rs. 3,304,883 in maintenance store and action had not been taken regarding that as per financial regulations.
(b) Public Accounts Circular No. 842 dated 19 th December 1978	A fixed asset register regarding the fixed assets owned by the University had not been maintained.

- That the University has acted in a manner not consistent with the powers, duties and functions of the University as required by section 12 (g) of the National Audit Act No. 19 of 2018.
- That the resources of the University have not been procured and used frugally, efficiently and effectively within the timeframes according to relevant laws and rules as required by section 12 (g) of the National Audit Act No. 19 of 2018.

3. Other Observations

- a. A collection 397 toners and cartridges totaling Rs. 5,422,227 purchased without identifying the need during the period 2014–2018 had been at the main stores.
- b. Action had not been taken even by 10th August 2020, which is the date of audit, to recover the sum of Rs. 8,225,000 from two of the private institutions with which the University had entered into agreements for the BIT course coordinated by the Centre for Open and Distant Education of the University as the sum receivable to the University from the institutions concerned for their not enrolling 14 to 40 students during the period although each institution should enroll a minimum number of 60 students per year for the course according to the agreements.
- c. From the income earned from the BIT course during the period 2016–2018, a sum of Rs. 13,016,437 had been paid as administrative fees to UNI Consultancy, which is not a party to the relevant agreement.



- d. A total of Rs. 76,861,700 had remained receivable as at 31st December of the year under review on account of breach of agreements and bonds by 37 Lecturers who had obtained study leave and gone abroad, of which Rs. 5,826,861 had been the total receivable from 09 Lecturers for a period exceeding 20 years.
- e. The Rs. 3,093,310 paid to a private contract company was observed to be an uneconomic expenditure as landscaping undertaken had not been done in a proper manner due to lack of a correct plan.
- f. The development funds of 35 departments and courses of the University totaling Rs. 13,137,228 remained idle and the total of 27 funds amounting to Rs. 50,475,124 remained under-utilized as at 31st December 2019.
- g. As at 31st December 2019, 26 scholarship funds totaling Rs. 4,548,539 had remained under-utilized from more than 10 years ago and the problems existing in criteria for granting scholarship had been the reason for it.
- h. As at 31st December 2019, the number of vacancies on the Academic and the Non-Academic Staffs had been 399 and 197 respectively as the actual numbers were 588 and 676 respectively as against the number of approved positions of 987 and 873 on the Academic and Non-Academic Staffs respectively. During the year under review, 80 had been recruited on contract basis for vacancies while external lecturers had been recruited for vacancies on the Academic Staff and allowances totaling Rs. 37,600,974 had been paid.
- i. Although the Committee on Public Enterprises had ordered the University to obtain Cabinet Approval for establishing a legal framework for UNI Consultancy, steps had not been taken even as at the date of report to obtain such approval.

W.P.C. Wickramaratna
Auditor General



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மொறட்டுவைப் பல்கலைக்கழகம், இலங்கை
University of Moratuwa, Sri Lanka

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ඔබේ යෙදවීම/உமது இல/Your Ref:

දිනය/திகதி/Date: 11.09.2020

Auditor General
National Audit Office
No. 306/72
Poldoova Road
Battaramulla

**Report of the Auditor General in terms of Section 12 of the National Audit Act No. 19 of 2018
Regarding the Financial Statements of the University of Moratuwa for the Year Ended 31st
December 2019**

This refers to your Audit Report dated 28th August 2020 bearing reference HED/C/UOM/6/19/FA regarding the matter referred to above.

I wish to lay down the following explanations regarding the comments contained in the said Report.

1. Financial Statements
2. Report on Other Legal and Regulatory Requirements
Regarding to Laws/ Directives
 - (a) **Financial Regulations of the Democratic Socialist Republic of Sri Lanka –
Financial Regulation 757 (2) — Shortage in Stock at the Maintenance Stores as
per the Report of the Stock Survey as at 31st December**
Action will be taken to look into this in detail and take necessary measures accordingly.
 - (b) **Public Accounts Circular No. 842 Dated 19th December 1978 – Fixed Assets
Register**
Since 1990, a single fixed assets register is maintained for the fixed assets belonging to all divisions and departments of the University while separate assets registers are maintained by each department and division pertaining to their separate assets. However, a new Fixed Assets Register had to be introduced due to practical difficulties that arose in obtaining various reports based on the Fixed Assets Register concerned.

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The new (computerized) Fixed Assets Register has been introduced for the University, which contains the revalued values of all the assets acquired up to 31.12.2013 and the values of the assets purchased from 2014 to 2018.

Also, all the assets except for the information on a few of the fixed assets purchased in the year 2019 have been entered in the present Fixed Assets Register. It had not been possible to complete this work as the University had been closed for a few months due to the COVID—19 pandemic since March this year. Nevertheless, we hope to complete all these activities shortly. I also wish to inform that the Fixed Assets Register could be made available at its present level of completion.

3 Other Observations

- (a) Arrangements will be made in due course to issue these toners and cartridges to the departments and divisions which need them.
- (b) Action will be taken to adopt correct measures pertaining to the existing agreements with the private institutions that conduct the BIT course with the approval of the Board of Management.
- (c) As there had not been an approved staff for this CODL (Centre for Open and Distant Learning) until the end of the year 2018, employees necessary for running the CODL had to be obtained externally for conducting this course. The employees necessary for the CODL to conduct the BIT course were obtained from the firm named Uni Consultancy, to which firm a sum of Rs. 13,016,437 was paid for the salaries of those employees for the period referred to above. It has been accounted as a direct expense of running that course. I wish to inform that since employees necessary for this Centre have been recruited following the approval of the cadre, payments of this nature are no longer made to Uni Consultancy.
- (d) Following the recovery of a sum of Rs. 17,100,722.08 in the year 2019 from the officers who had breached the bonds, a sum of Rs. 6,143,894.15 had been recovered as at 31.07.2020 from a sum of Rs. 76,861,700.00 that remained due as at 31.12.2019. Action is being taken to expedite recoveries on the instructions and guidance of the Bond Review Committee pertaining to the 09 officers whose breach of agreements and bonds had exceeded 20 years.

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(e) Works had been carried out by issuing deviation orders on various instances based the need of the University while the landscaping project was being implemented and there have also been instances when the points contained in the scope of work had been altered. However, the work done by the contractor during the project was physically inspected, relevant certificates and recommendations were obtained and payments were made—it cannot be considered an uneconomic expenditure as it has been done to fulfill a need of the Department.

(f) Funds are found for course and department development funds from the incomes generated by the relevant departments from courses/ projects and consultancy services conducted on self-generation basis. Part of the income generated from the courses are maintained as course development funds in this manner as a reserve for improvement of these courses and for future needs. Departmental Development Funds are also a type of funds that are kept as a reserve for improving the respective departments and for future productive purposes. These Departmental Development Funds are used for staff and student development activities identified by the each head of section and for purchasing equipment for the Laboratory and the departments.

Therefore the retention of these course and departmental development funds without spending for unnecessary things until needs arise will result in the growth of financial strength of the courses/ departments as well as the University.

I also state that there exists no problem in keeping these course/departmental development funds as a reserve without spending for a few years as they are not funds provided by an external institution that have to be spent within a specific timeframe.

(g) Action will be taken to obtain the report of the Committee pertaining to these scholarship funds expeditiously and take necessary future measures accordingly.

(h) Action will be taken to fill the academic and academic support vacancies according to the requests of heads of relevant sections while vacancies in the non-academic staff will be filled from the lists received from the Ministry.

Although the University had made attempts to fill the vacancies in the Academic Staff, it had not been possible to fill the said vacancies because those possessing qualifications and abilities relevant to the departments had not applied for the vacancies. Therefore, service of the external lecturers had to be obtained to conduct the academic activities continuously.

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- (i) The Committee on Public Enterprises had directed the University to obtain a Cabinet Approval in order to form a legal framework for Uni Consultancy and the University Grants Commission has been working on it. Accordingly, the cabinet paper is to be referred to the Ministry by September 2020 for approval

N.D. - e

Professor N.D. Gunawardhana
Vice Chancellor

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20.9 Financial Performance of Statutory Boards - 2019

1 Name & Address of Enterprise - University of Moratuwa, Katubedda, Moratuwa

Mission - To be the leading Knowledge Enterprise for technological and related disciplines in South

2 Asia by:

- Providing transformative education in technological and related disciplines which nurtures the inquiring mind and develops knowledge and skills for facing global
- Carrying out nationally relevant and high-impact research to expand the boundaries of knowledge and to enhance the national technological capabilities;
- Providing expert services to the State, Industry and the Society as an Internationally positioned Sri Lankan University; and
- Contributing to sustainable, scientific, technological, social and economic development of Sri Lanka.

3 Major Activities - Teaching Research, Consultancy and other professional activities in Engineering, Architecture, Information.

4 Performance Trend

No	Description	Unit	2015	2016	2017	2018
	Revenue & Expenditure					
1	Govt: Grant - Recurrent	Rs'000	1,579,000	1,724,000	1,950,496	2,329,350
2	Own Revenue - Recurrent	Rs'000	25,995	50,735	54,786	71,872
3	Other Recurrent Grants (Mahapola & Bursary etc)	Rs'000	45,538	84,937	91,077	105,523
4	Total Revenue - Recurrent (1+2+3)	Rs'000	1,650,533	1,859,672	2,096,359	2,506,745
5	Total Cost of Employment	Rs'000	1,328,679	1,466,230	1,581,907	1,998,628
6	Other Recurrent Expenditure (Excluding Depreciation)	Rs'000	506,352	613,618	670,014	687,696
7	Surplus / Deficit {4-(5+6)}	Rs'000	(184,498)	(220,176)	(155,562)	(179,579)
8	Govt: Grant - Capital	Rs'000	640,000	1,353,500	745,000	562,000
9	Other Grants - Capital Expenditure	Rs'000	3,548	119,913	668,647	8,224
10	Generated Fund - Capital Expenditure	Rs'000	14,678	34,812	8,901	4,729
11	Capital Expenditure - Govt : Grant	Rs'000	663,466	1,363,959	780,993	545,575
12	Receipts from Cost Recovery Activities	Rs'000	382,955	587,443	590,905	600,635
13	Expenditure on Cost Recovery Activities	Rs'000	341,515	482,398	508,563	536,645
	Assets & Liabilities					
14	Investments	Rs'000	349,288	359,219	481,461	699,089
15	Non Current Assets	Rs'000	3,259,853	4,232,292	10,935,243	10,618,846
16	Current Assets	Rs'000	243,835	341,867	292,326	305,856
17	Current Liabilities	Rs'000	577,163	673,730	776,908	934,590
18	Non Current Liabilities	Rs'000	774,262	878,162	891,762	1,137,577
19	Donations/Foreign Aid (Cumulated)	Rs'000	1,081,282	1,201,196	712,239	638,353
20	Accumulated Fund	Rs'000	1,420,270	2,180,290	9,328,120	8,913,271
21	Number of Employees - Academic	(No's)	496	422	439	456
22	Total Number of Employees	(No's)	1,089	1,100	1,099	1,193
23	Number of Students	(No's)	7,601	7,922	7,902	7,912
	Key Performance Indicators					
i	Own Revenue to Total revenue	%	1.57	2.73	2.61	2.87
ii	Total Cost of Employment per Employee	Rs'000	1,220	1,333	1,439	1,675
iii	Total Cost of Employment per Student	Rs'000	175	185	200	253
iv	Recurrent Grant /Per Student / Per Year	Rs'000	208	218	247	294
v	Total Cost per Graduate	Rs'000	750	769	859	967
vi	Employability (Within 3 months of Result)	%	94	94	93	91
vii	Student per Employee	(No's)	07:01	07:01	07:01	07:01
viii	Student per Academic Staff (Actual)	(No's)	15:01	19:01	18:01	17:01
ix	Student per Vehicle	(No's)	185:01	180:01	202:01	202:01

20.10 AUDIT COMMITTEE REPORT -2019

COMPOSITION OF THE AUDIT COMMITTEE

The Audit Committee of the University is comprised of three non Executive Board Members and Chaired by a person possessing financial management skills.

Constitution of the Audit Committee for the year 2019.

Eng.Vajira Kulathilake	-	Chairman
Dr. T.A.Piyasiri	-	Member
Mr.Lilan Wickramarathne	-	Member

In addition to the above members, representatives of the Auditor General's Department and the Internal Auditor of the University Grants Commission are invited to attend as observers.

The Registrar and the Bursar are attended at the meetings on invitation and other staff members of the university are invited to attend the meetings when the committee requires their presence. Deputy Internal Auditor functions as the secretary to the committee.

MEETINGS

As per the Public Enterprise circular No PED/31, the committee is required to meet at least 4 times a year. During the year under review, the committee met on 4 occasions and reports and queries of internal and external auditor's were discussed at these meetings. The minutes of the committee were made available to the Governing Council of the University for information and necessary action.

THE SCOPE OF THE COMMITTEE

The main objective of the Audit committee is to assist the Governing Council to carry out its responsibilities effectively with regard to financial and related affairs of the university. According to the Good Governance Circular the Scope of the Committee includes–

- i. Determination of the responsibilities of the Internal Audit and review of the annual audit plans
- ii. Reviewing and evaluating internal control systems for all activities of the entity
- iii. Reviewing performance at regular intervals for cost effectiveness and to eliminate wasteful expenditure etc.
- iv. Liaising with external auditors and follow up on Auditor General's Queries and Reports
- v. Ascertaining whether statutes, regulations rules and circulars are complied with.
- vi. Reviewing financial statements to ensure compliance with Accounting Standards
- vii. Reviewing internal audit/external audit reports, management letters for remedial action
- viii. Reviewing implementation of recommendations/directives of the Committee on Public Enterprises(COPE)
- ix. Preparing a report on the findings of the Committee for inclusion in the Annual Report

ACTIVITIES DURING THE YEAR

The Committee carried out the following activities during the year under review.

1) Recommending & Monitoring the Internal Audit Programme and the Action Plan for the year 2019

The committee recommended the Internal Audit Programme and the Action plan for the year 2019 and monitored its status throughout the year. The committee reviewed and monitored the effectiveness of the Internal Audit and the performance of the Internal Audit Division.

2) Ensuring compliance with Laws and Regulations

The Audit Committee reviewed the reports submitted by the External Auditors and Internal Auditors on the state of compliance with applicable laws and regulations.

3) Reviewing and strengthening internal control systems

The committee reviewed the effectiveness of the University's internal controls over Fixed Assets, conducting annual stores verification/inventory verification, recovery of unsettled advances, settlement of unidentified or unrecoverable loan balances, improving the operations of main stores and made necessary recommendations to strengthen the internal control system. Further, the committee continuously reviewed the actions taken to correct the weaknesses pointed out by the Auditor General's Reports and the Queries issued during the year under review.

4) Reviewing and Monitoring corrective actions arising from inquiries/minutes of COPE

The Committee reviewed and checked whether the university had taken the necessary actions against the COPE recommendations and reviewed the responses sent to the Secretary/COPE.

Chairman
Audit Committee
University of Moratuwa
01.07.2020

21. Prospective Report on sustainable Development

Achieving Sustainable Goals

1. Identifying Goals and Targets

Action is being taken to achieve Sustainable Development Goals along the demarcations set by the University.

The principal plan of the University of Moratuwa for the years 2020—2030 has been prepared by a team comprising members of the staff of the Faculty of Architecture. All the present physical development activities of the University are conducted according to this principal plan. With the University's rapid expansion, a revised plan for 2020—2030 which goes on par with the combined plans of the Ministry of National Development Planning and Higher Education as well as the University Grants Commission is being developed by a team of experts representing all the Faculties of the University, incorporating the rapid developments in the University's physical infrastructure.

• Goal No. 04

Ensuring Inclusive and Equitable Quality Education and Promoting Life-Long Learning Opportunities for All

The essence of the Goal, i.e. "Ensuring Inclusive and Equitable Quality Education and Promoting Life-Long Learning Opportunities for All" has been clearly depicted in the Strategic Management Plan of the University and action is taken to give priority in all the academic and research oriented activities conducted by the University towards the achievement of this Goal.

It is expected to give priority to academics who have obtained Doctorates from internationally renowned universities, when recruiting for the teaching staff with a view to providing a quality education.

The development of infrastructure necessary for the achievement of these aims has been targeted.

• Goal No. 05

Achieving Gender Equality and Empowerment of all Women and Girls

This has been clearly stated in the Strategic Management Plan of the University and action will be taken accordingly.

- **Goal No. 06**

Ensuring Availability and Sustainable Management of Water and Sanitation for All

The University will strive to become a green University 100% devoid of epidemics such as Dengue.

- **Goal No. 07**

Ensuring Access to Affordable, Reliable, Sustainable and Modern Energy for All

A Management Committee on Energy Use has been appointed and it is expected to achieve a 25% shift towards efficient alternative forms of energy by 2030, regarding which a Smart Grid Project has already been commenced.

- **Goal No. 09**

Building Resilient Infrastructure and Promotion of Inclusive and Sustainable Industrialization and innovation

Joint researches are being carried out in this regard with stakeholders from industry while it is expected to improve these even further.

- **Goal No. 13**

Taking Urgent Action to Combat Climate Change and Its Impacts

Attention has been focused on the contents of Goals 06, 07, 09 and 13 mentioned above through the teaching, learning, research and development activities of most academic courses conducted by the University.

2. Integrating Goals and Targets into the Plans of the University

The University conducts its academic courses aiming at empowering students (especially eradicating poverty of those economically backward students who gained University admission from difficult areas of the island) through dissemination of knowledge in accordance with the provisions of statutes and policies of the University.

At the same time, the staff and students of the University are continuously engaged in community development and social support programmes in a well-planned manner—most of which are implemented aiming at causing a wholesome development in persons of low-income through providing them with direct education and improvement of physical infrastructure.

3. Setting Indicators

Although the Sustainable Development Goals have not been specifically mentioned in the Budget Estimates, the University intends to obtain provisions indirectly for conducting academic, research and development activities aimed at contributing to the national endeavor to achieve Sustainable Development Goals (especially Goal No. 04). At the same time, action is taken to realize Sustainable Development Goals 5, 6, 7, 9 and 13 through the academic activities of the University. In addition, the University has allocated provisions necessary for all quality control activities towards ensuring inclusive and equitable quality education and promoting life-long learning opportunities for all

Further, the Centre for Open and Distance Learning (CODL) conducts its courses focusing on people with different abilities living far away from the University. Budgetary allocations have been provided for this purpose and differently-abled persons are empowered by paving way for them to excel in the field of education, deviating from the normal procedure of the University. The University seeks additional budgetary provisions for facilitating such activities.

4. Maintaining Data

The respective Department which conducts each course will maintain the relevant data records pertaining to the respective courses.

5. Identifying Landmarks

After revising the Action Plans and Strategic Plans, landmarks for monitoring will be defined. This is in the development stage at present and steps will be taken to identify the relevant areas and develop suitable activity plans.

6. Measuring Progress

Progress review activities are conducted by the Advisory Committee meetings held by each Department and by the Quality Assurance Unit.



General Administration Division, University of Moratuwa.