# ANNUAL REPORT

2017

# **And Statement of Accounts**



# THE OPEN UNIVERSITY OF SRI LANKA

## **VISION STATEMENT**

"To be the premier Open and Distance Learning Institution in Asia through excellence, efficiency and equity in lifelong learning"

## **MISSION STATEMENT**

"To enhance access to high quality, affordable and relevant education, through Open Distance Education and ensure lifelong learning opportunities to face challenges in a knowledge society"

## **CORPORATE GOALS**

Following are the corporate goals of the University for the period 2016 to 2020:

- Provide High Quality and Relevant Education through Open and Distance Learning
- 2. Enhance the capacity of learners to improve their life competencies and fulfill career aspirations
- 3. Be a Centre of excellence in scholarship, research and innovation
- 4. Widen access to education and increase opportunities for Life-Long Learning
- 5. Create a Conducive and Efficient Academic Environment in the University
- 6. Ensure high quality administrative services
- 7. Fulfill institutional responsibilities towards national and social development

# **Message of the Vice Chancellor**



The Open University of Sri Lanka (OUSL) over the last thirtyseven years have been involved in providing higher educational opportunities to the citizens of this country. As of today, annually we provide higher educational opportunities for more than 12,000 adults from various parts of this country.

In the year 2017, Government of Sri Lanka and Higher Educational authorities considering the important role played by the OUSL requested for a project proposal to expand the activities for the university to provide for the growing demand for quality higher education in this country. The project proposal developed by our team has been approved by the

University Council and has been sent to the Ministry for further discussion and finalization.

Through this project proposal we are soliciting the support from the UGC and the Ministry of Higher Education to further enhance some of the facilities available in many of our Regional and Study Centers. We also need minimum permanent staff in the centers to cater the needs of the students registering in these centers. In economic terms, the impact the Open University of Sri Lanka can make in providing quality educational opportunities to increased number of students must be very attractive to policy planners, as the amount of investment required to expand our services to impact higher number of students is much lesser when compared to that is required for a conventional university. This is clearly demonstrated by the fact that in the year the recurrent expenditure incurred by the university amounts to just 67,038/- per student.

The University's openness to academic activities throughout the year makes it an attractive choice for the employed and therefore approximately 80 percent of the students of OUSL continue to be gainfully employed. They are given a ladder of opportunity to advance their education and achieve their educational and career advancement goals to become responsible citizens who could contribute towards national development.

In the year 2017, the University has taken a very important step in approaching to lesson material development by considering the newer developments that are taking place in the worldwide open and distance education scenario. Accordingly, now developing lesson materials based on available Open Educational Resources (OER) and textbooks is formalized and necessary guidelines and check-lists have been prepared and approved by the Council.

The library of the OUSL has undertaken a project to catalogue OER (Open Educational Resources) available in the world-wide web and make them available to staff, students and general public.

About two years ago, the OUSL introduced the online application process for students, which is now fully operational and it is a great success, resulting in immense reduction of work load of staff from the Information Technology Division, Student Affairs Division and the Regional Educational Services.

The University is also in the process of completely computerising the process of appointment, attendance and payments of visiting academics. This process would help to resolve the issues with appointments and payments to visiting staff.

All the departments are required to strictly adhere to the University wide Operation Plan which is in place. From 2017, the order placement of lesson materials have also been taken over by the Operations Division thus relieving the academic departments of yet another unnecessary administrative burden and making the process more efficient and cost-effective. It is expected that the stock monitoring of the printed lesson materials will become part of the OMIS system during the year 2018.

All the departments are following an agreed upon the uniform day-school time slots so as to optimally use classrooms when scheduling their time tables for the new academic year. From now on, all time tabling of academic activities of the entire University will also be done through the OMIS, as the Faculty of Engineering Technology has been doing it for last so many years. Necessary training to the staff concerned has already been given.

One of the biggest task undertaken by the entire University over the last year or so is restructuring of programmes to be in line with the Sri Lanka Qualifications Framework.

The University is committed to launching its Foundation Courses for the students who do not have the necessary entry qualifications to enter degree programmes. For this purpose, last year, the University constituted the Foundation Academic Unit which would administer the Foundation Courses of the University. The courses had to be restructured as per the SLQF guidelines and the Rules and Regulations for the programme are currently being finalized and would be submitted to the Board of Management of the Foundation Academic Unit.

Based on the directive of the UGC, the University has established its Centre for Gender Equity and Equality. This centre will come into operation from January 2018.

The University could establish the Student Unions in three Faculties and the University Student Union in the year 2017. So that the students will use this formal mechanism available to them to

interact with the staff and the administration of the University to address the issues facing the student community of the University.

The academic staff members of the University have made contributions to new knowledge by publishing research papers, conference papers, text books and other reading materials in their own subject disciplines. This is in addition to their contribution in the form of production of study texts, and multimedia materials as done continuously by the OUSL staff.

Asian Association of Open Universities Best Practice Award Gold and Silver Medals for the year 2017 was won by the Open University of Sri Lanka, from among about 350 papers presented.

In the last few years the management of the OUSL has put a greater emphasis on research by providing various incentives to the academic community of the University. Now it has brought the research funds into a central pool, whereby last year the University was able to provide requested amount of research funds to everyone who applied.

It was also arranged to fund a maximum of Rs. 50,000/- to each final year student project. The funds allocated for research for this financial year has been further increased.

The Senate of the University approved the reinstitution of CRADE (Committee on Research Advice in Distance Education), which played a significant role in enhancing institutional research in the University, a number of years ago.

The Open University Research Sessions (OURS) of 2017 was successfully conducted. In the year 2017, with the help of the IT Division of the University, the Library has made arrangements to provide remote access to its journal databases to staff members to access the resources from the comfort of their homes.

With the input provided by the Industry Liaison Centre, for the first time in the history of the University, patent applications were lodged in the name of the University based on the work done by the academic staff. The Industry Liaison Centre continues to engage with the industry in arranging partnerships with the University and the industry. This facility would be further enhanced under the AHEAD World Bank Project of the Ministry of Higher Education.

I hereby wish to state we at the OUSL are committed to continuously provide all the necessary support, within our means, for the fulfillment of the mission of the university and to provide affordable higher education opportunities to the citizens of this country.

Prof S A Ariadurai

Vice-Chancellor

	Co	ontents	Page Numbers
Part 1	- General		
			10
	1.1 Overview		11
	1.2 The Governing Auth	nority	12
Part 2	- Staff		17
	2.1. Organizational Ch	art	18
	2.2. Staff Details		19
	2.2.1 Aca	demic staff	19
	2.2.2 Aca	demic Support Staff	19
	2.2.3 Libr	ary Staff	20
	2.2.4 Adr	ninistrative Staff	20
	2.2.5 Oth	er Executive Staff	21
	2.2.6 Nor	n- Academic Staff	22
Part 3 -	- Student Performances		23
	3.1 Enrolments		24
	3.1.1 Loc	al Students	24
	3.1.2 Ove	erseas Students:	24
	3.2 Completions		25
	3.2.1 Cor	nvocation	25
	3.2.2 Awa	ard Ceremonies	25
	26		
Part 4 –	Reports of Faculties		27
	4.1 Faculty of Educatio	n	28
		tudent Enrolment and Completion In Individual Programmes	30
	4.1.2 S	tudent Enrolment and Staff In Individu rogrammes	al 31
		ew Courses / Programmes	31
	4.1.4 C	ourses Offered Online	32
	4.2 Faculty of Engineer	ing Technology	33
	4.2.1 S	tudent Enrolment and Completion In additional Programmes	34
	4.2.2 S	tudent Enrolment and Staff in Individu rogrammes	al 34

	4.2.3	New Courses / Programmes	35
	4.2.4	Courses Offered Online	35
4.3	Faculty of Health	n Sciences	36
	4.3.1	Student Enrolment and Completion in	37
		individual Programmes	
	4.3.2	Student Enrolment and Staff in individual	37
		Programmes	
	4.3.3	Courses Offered Online	38
4.4	. Faculty of Huma	nities and Social Sciences	40
	4.4.1	Student Enrolment and Completion In	42
		Individual Programmes	
	4.4.2	Student Enrolment and Staff in Individual	42
		Programmes	
	4.4.3	New Courses / Programmes	43
	4.4.4	Courses Offered Online	43
4.5	Faculty of Natura	al Sciences	45
	4.5.1	Student Enrolment and Completion in	46
		individual Programmes	
	4.5.2	Student Enrolment and Staff in Individual	47
		Programmes	
	4.5.3	New Courses / Programmes	48
	4.5.4	Courses Offered Online	48
Part 5 – Resear	ch and Publicati	ons	49
5 1	Research Project	s / Paners	50
	Books / Patents	5, 1 apc. 5	51
	Awards		51
Part 6 – Centers			52
Part 6 – Centers	s and Units		32
6.1	Regional Education	onal Services (RES)	53
6.2	Library		55
6.3	Staff Developme	nt Centre (SDC)	56
6.4	Career Guidance	Unit (CGU)	63
6.5	Press and Centra	l Dispatch Unit	64
6.6	National Online [	Distance Education Service (NODES)	65

	6.7 International Relations Unit (IRU)	65
	6.8 Industry Liaison Centre (ILC)	70
	6.9 Centre for Educational Technology and Media (CETMe)	72
Part 7 – F	uture Plans	74
Part 8 – F	inances	77
	Recurrent Expenditure	78
	Capital Expenditure	78
	Projects (Local/ Foreign Funded)	78
	Details of Projects (Local / Foreign Funded)	79
	Details of Projects Expenditure (Local/ Foreign Funded)	81
	Details of Financial Progress (Expenditure)	82
	Details of Financial Progress (Generated Income)	83
	Financial Performance Analysis – 2017	83
	Details of Infrastructure Facilities Received in 2017	83
Part 9 -	Any Other Details/ Performance Relevant to this report	84
	Auditor General's Report	85
	Reply to the Auditor General's Report	107
	Statement of Financial Position	124
	Statement of Financial Performance	126
	Cash Flow Statement	127
	Statement of Changes in Equity	128
	Notes to the Financial Statements	129
	The Classification of Expenses by Nature	134
	Financial Highlights in the Preceding 5 Years	135
Annexures	;	
	A. Details of Research, Innovation and Publications	
	A.1 Faculty of Education	137
	A.2 Faculty of Engineering Technology	145
	A3 Faculty of Health Sciences	156
	A.4 Faculty of Humanities and Social Sciences	162
	A.5 Natural Sciences	165
	A6. CETMe	178
	A.7 Regional Educational Services	179
	Details of Academic/Academic Support Staff – 2017	180
	Details of Non-Academic Staff – 2017	182 -185

# Part 1 - General

#### **Overview**



The Open University of Sri Lanka was established as an Open Distance Learning (ODL) University on 19th June 1980 under Section 23 (1) and Section 18 of the Universities Act No.16 of 1978 and the Open University of Sri Lanka (OUSL) Ordinance No.3 of 1980, which was subsequently amended as the Open University of Sri Lanka Ordinances No.1 of 1983 and No. 12 of 1996. Among the ultimate objectives of this initiative was 'to ensure life-long education and the right of every citizen to improve life-chances through access to higher education'.

The Open University is one of the fifteen national Universities enjoying the same legal, institutional and academic status as any other national University in Sri Lanka. However, it differs from the other national Universities because of its dependence on Open Distance Learning (ODL) philosophy to expand opportunities for higher education regardless of age, previous qualifications, income, geographic and employment barriers.

The Open University has five Faculties namely, Education, Engineering Technology, Health Science, Humanities & Social Sciences and Natural Sciences and twenty-five academic Departments. It offers sixty-two (62) study programmes, catering to a population of 39,381 learners. Further, the University offers a number of short courses, in many areas of demand. The sixty-two (62) academic programmes include seventeen (17) Certificate programmes, nine (09) Diploma programmes, fourteen (14) Bachelor's Degree programmes, six (06) Postgraduate Diploma programmes, thirteen (13) Master Degree programmes, one (01) Foundation programme and a programme called StART@OUSL, which is offered to all undergraduate students with varying number of courses based on the requirements for the particular

Undergraduate programme. In addition, MPhil and PhD degree programmes are also offered by the University.

The OUSL has made significant inroads into higher education field by providing alternative pathways for education to working adults and those who had been denied the opportunity of entering conventional Universities. The policy of enrolment at the Open University of Sri Lanka encourages the following persons to acquire tertiary level education in the field of their choice:

- Those who are employed, who wish to pursue continuous professional development
- Those who have completed the GCE (A/L) who cannot gain admission to conventional Universities owing to financial reasons, family commitments or inability to reach the competitive scores.
- Persons who want to acquire knowledge for other reasons.

## **The Governing Authority**

**Chancellor of the University:** Vidyajyothi Prof Colvin Gunaratne

#### **Council of the University:**

#### **Ex-Officio members**

Vice-Chancellor: Prof. SA Ariadurai

Deputy Vice-Chancellor: Prof. GMKB Gunaherath

**Deans of the Faculties** 

Education: Prof. PCP Joufer

Engineering Technology: Dr. KAC Udayakumar

Health Sciences: Prof. GR Ranawaka

Humanities & Social Sciences: Dr. NS Abeysinghe

Natural Sciences: Prof. LK Senaratne

Members nominated by the Senate

Prof. J C N Rajendra

Prof. H T R Jayasooriya (From 29 July 2017)

Prof. T M Pallewatta (until 28 July 2017)

Member nominated by the Ministry of Higher Education

Mr. N K G K Nemmawatta

#### Member nominated by Ministry of State for Information

Ms. D P U Welaratne

#### Member nominated by the Committee of Vice-Chancellors and Directors

Prof. Lakshman Dissanayake

#### Members appointed by the University Grants Commission

Prof. N R Arthenayake

Prof. D Senevi Epitawatte

Dr. Anura Ekanayake

Prof. S Karunaratne

Prof. Lalitha Mendis

Prof. Ranjith Nandalal Pathirana (From 25 August 2017)

Dr. W M K Wijetunga

Mr. Athauda Jayawardena

Mr. Vijitha Yapa

Mr. Dumindra Rajith Rathnayake

Mr. Nishan Premathiratne (From 24 November 2017)

#### **Senate of the University:**

#### **Ex-Officio members**

Vice-Chancellor: Prof. SA Ariadurai

Deputy Vice-Chancellor Prof. GMKB Gunaherath

#### **Deans of the Faculties**

Education: Prof. PCP Joufer

Engineering Technology: Dr. KAC Udayakumar

Health Sciences:

Humanities & Social Sciences:

Prof. GR Ranawaka

Dr. NS Abeysinghe

Natural Sciences: Prof. LK Senaratne

#### **Directors**

Actg. Director /CETMe : Dr.WVJ Perera

Actg. Director / RES: Dr.KH Jayawardana

Director /PGIE: Dr. H Rambukwella

#### **Head of the Departments**

Head /Early Child. & Primary Education: Ms.DMW Munasinghe

Head/Secondary & Tertiary Education: Dr.S Kugamoorthy

Head /Special Needs Education: Dr.KAC Alwis

Head/Agricultural & Plantation Engineering: Dr. NS Weerakkody

Head/Textile & Apparel Technology & Prof. CN Herath

Prof. in Textile & Apparel Technology:

Head /Civil Engineering: Mr.MNC Samarawickrama

Head of Electrical & Computer Engineering: Dr.KGHUW Ratnayake

Head/Mathematics and Philosophy Engineering: CPS Pathirana

Head / Mechanical Engineering: Dr.DHRJ Wimalasiri

Head /Language Studies: Dr.KRM De Silva

Head /Social Studies: Dr. SN Morais

Head /Legal Studies: Mr.WDRD Gooneratna

Head / Management Studies: Mr. V Sivalogathasan

Head /Mathematics: Ms.MAP De Silva

Head /Computer Science: Mr.WPCD De Silva

Head /Physics & Prof.in Physics: Prof.VPS Perera

Head /Chemistry: Ms. MNK De Zoysa

Head /Botany: Dr.HLD Weerahewa

Head /Zoology: Dr.NN Punchihewa

Head/Medical Laboratory Sciences: Mr.BSS De Silva

Head /Pharmacy: Ms. PWGDP Samarasekara

Head / Nursing: Ms. AVP Madhavi

Head /Basic Sciences Prof. In Geology: Prof. GWAR Fernando

Head/Psychology and Counselling: Dr. GP Gamage

**Senior Professors** 

Snr. Prof. in Chemistry: Prof. KSD Perera

Snr. Prof. in Agricultural & Prof.CS De Silva

Plantation Engineering:

Snr. Prof. in Civil Engineering: Prof. KS Weerasekara

**Professors** 

Prof. of Secondary & Tertiary Education: Prof. GD Lekamge

Prof. In Civil Engineering: Prof. TM Pallewatta

Prof. in Physics: Prof. JCN Rajendra

Prof. in Legal Studies: Prof. CE Gunarathne

Prof. of Zoology: Prof. HTR Jayasooriya

Prof. in Botany: Prof. SR Weerakoon

Prof. in Chemistry: Prof. SS Iqbal

Prof. in Educational Technology: Prof. SP Karunanayaka

Prof. Civil Engineering : Prof. Dolage

Librarian

Librarian: Dr. W Senavirathne

**Faculty Representatives** 

Rep/ Faculty of Education: Mr.LR Gonsalkorale

Rep/ Faculty of Education: Mr.P Seneviratna

Rep/ Faculty of Engineering Technology: Ms.TMDNT Medagedara

Rep/ Faculty of Engineering Technology: Ms.H Pasqual

Rep/ Faculty of Humanities & Social Sciences: Dr.BMP Mendis

Rep/ Faculty of Humanities & Social Sciences: Dr. N Abeysekera

Rep/ Faculty of Natural Sciences: Dr.JVP Fernando

Rep/ Faculty of Natural Sciences: Mr.N Karthikeyan

Rep/ Faculty of Health Sciences: Dr.WN Priyanthi

Rep/ Faculty of Health Sciences: Ms.KGPK Munidasa

**On Invitations** 

Director/Career Guidance Unit: Ms.ALKA Ekanayake

Director/ Staff Development Centre: Dr.DDM Ranasinghe

Head/Centre for Environmental Studies Dr.TK Weerasinghe

& Sustainable Development:

**Secretary** 

Deputy Registrar / Academic Mr.PK Seneviratne

Administration:

### Officers of the University:

Vice-Chancellor Prof. SA Ariadurai

Deputy Vice-Chancellor Prof. GMKB Gunaherath

Registrar Ms. WLV Jayasena

Dean/Natural Sciences Prof. LK Senarathne

Dean/Humanities and Social Sciences Dr. NS Abeysinghe

Dean/Engineering Technology Dr. KAC Uthayakumar

Dean/Education Prof. JCP Jaufar

Dean/Health Sciences Prof. GRR Ranawaka

Librarian Dr. W Seneviratna

Bursar Mr. WMKGA Wickramasinghe

Actg. Dir/CETMe Dr. WVJ. Perera

Actg. Dir/RES Dr. KH. Jayawardena

# Part 2 - Staff

## 2.1 Organizational Chart

The Organizational Structure of the Open University (*Figure 2*) is very similar to that of conventional Universities except for the additional positions such as Directors/ Regional Educational Services, Centre for Educational Technology & Media and Operations that are exclusive to ODL Universities. The post of the Chancellor is honorary while the Vice-Chancellor is the Chief Executive Officer. The Registrar is responsible for its general administration, custody of the records and the property of the University. The other Officers of the University are the Deans of Faculties, the Director/Centre for Educational Technology & Media, Director/Regional Educational Services, the Librarian and the Bursar.

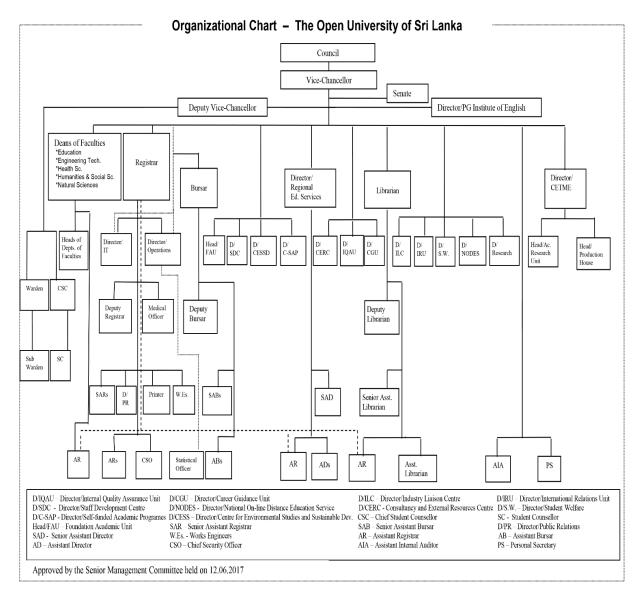


Figure 2 - Organizational Structure of the Open University of Sri Lanka

# 2.2 Staff Details

The staff strength by the year 2017 stood at 313 Academic staff (permanent) and 74 non-academic administrative (permanent), 615 non-academic non-administrative and 22 academic support staff to cater to the needs of the student community.

#### 2.2.1 Academic Staff:

Designation	Education	Engineering Technology	Health Sciences	Humanities & Social Sciences	Natural Sciences
Senior Professors	01	01	-	-	02
Professors	02	05	-	01	08
Associate Professors	-	-	-	01	01
Senior Lecturer Gr. I	06	27	-	16	20
Senior Lecturer Gr. II	20	20	06	21	25
Lecturer (Probationary)	10	30	06	29	27
Total	39	83	12	68	83

### 2.2.2 Academic Support Staff:

Designation	Education	Engineering Technology	Health Sciences	Humanities & Social Sciences	Natural Sciences	IT	RES
Engineering Teaching Assistant	-	02	-	-		-	07
Education Assistant	-	-	-	01	02	-	02
Temporary Demonstrators	07	26	03	-	54		22
Research Assistants	-	04	-	-	-	-	-
IT Staff	-	-	-	-	01	07	-
Total	07	32	03	01	57	07	31

# 2.2.3 Library Staff:

Designation	Number
Librarian	01
Deputy Librarian	01
Senior Assistant Librarians	05
Assistant Librarians	02
Library Assistants	22

## **2.2.4 Administrative Staff:**

Designation	Number
Registrar	01
Bursar	01
Deputy Registrars	01
Deputy Bursars	01
Senior Assistant Registrars	06
Senior Assistant Bursars	03
Assistant Registrar	07
Assistant Bursar	03
Assistant Internal Auditor	01
Total	24

# 2.2.5. Other Executive Staff

Designation	Number
Senior Personal Secretary to	01
Principal Executive Officer	
Statistical Officer	01
Chief Security Officer	01
Electronics Engineer	02
Training Engineer	01
Chief Technical Officer	02
Staff Technical Officer	02
Senior Asst. Director	01
Asst. Director	23
Illustrationist	01
A 1: 17: 1m 1 : 1	10
Audio Visual Technical	10
Officer (Higher Grade)	0.0
Works Engineer(Civil)-II	02
Curator	01
Asst. Printer	01
Director/IT	01
Information Systems Manager	01
Deputy Information Systems	01
Manager	
Total	52

## 2.2.6 Non- Academic Staff:

Category	Number
Clerical & Allied Grades	371
Skilled Grades	134
Minor Employees	129
Total	634

Details of all permeant staff at the OUSL is given in the Annexures.

Part 3 – Student Performances

## 3.1 Enrolments

### 3.1.1 Local Students

The total number of student enrolment in the year 2017 stands at 39,415 including the students registered for the StART@OUSL programme.

	Faculty							
Level of Enrolment	Engineering Technology	Humanities & Social Sciences	Education	Natural Sciences	Health Sciences	Total		
Certificate	131	3,906	703	99	0	4,839		
Diploma	207	278	1,510	105		2,100		
Degree	5,531	10,839	293	4,002	3,689	24,354		
Postgraduate								
Diploma	48	0	6,298	0	0	6,346		
Masters	25	422	700	127	0	1,274		
StART@OUSL*						393		
Others	0	0	0	75	0	75		
M.Phil, PhD	9	8	5	11	1	34		
Total	5,951	15,453	9,509	4,419	3,690	39,415		

Table 2 - Student Enrolment in 2017 - Local

#### 3.1.2 Overseas Students:

Faculty	Programme	Number
Humanities and Social Sciences		02
Transancies and social sciences	Visiting Research Students	05
Natural Sciences	Visiting Research Students	02
Total		09

Table 3 - Student Enrolment in 2017 - Overseas

#### 3.2 Completions

#### 3.2.1 Convocation

The 29<sup>th</sup> General Convocation of the OUSL was held at the BMICH on two days, 18<sup>th</sup> and 19<sup>th</sup> July 2017 with the total of six sessions. Convocation addresses were given by Dr. Lakshman Marasinghe, and Mr. Dirk Perera and the Chancellor Vidya Jyothi Professor Colvin Goonaratna. A total of 4,469 students graduated at the convocation obtaining undergraduate, postgraduate and doctoral degrees. They represented all the faculties of the university.

Degree Faculty	Ph.D	M.Phil	Masters	Postgraduate Diploma	Degree	Total
Education	-	-	17	2,597	22	2,630
Engineering Technology	-	3	4	10	151	169
Health Science	-	-	6	-	263	269
Humanities & Social Sciences	-	-	94	28	723	845
Natural Science	2	-	23	1	514	546
Postgraduate Institute of English (PGIE)	-	-	5	5	-	10
Total	2	3	149	2,641	1,673	4,469

Table 3 - Awards at Convocation by Faculty

#### 3.2.2 Award Ceremonies

The Award Ceremonies to award certificates and diplomas were held in September 2017, at seven Regional Centres, including in Kurunegala for the first time, where a total of 1,984 students received various certificates and diplomas. The statistics is given in Table 4.

Type of Award Faculty	Higher Diploma	Diploma	Advance Certificate	Certificate	Total
Education	-	280	84	316	680
Engineering Technology	97	4	0	30	131
Humanities & Social Sciences	-	275	433	277	985
Natural Science	-	67	16	105	188
Total	97	626	533	728	1,984

Table 4: Awards at Award Ceremonies by Faculty

#### 3.3 Student Achievements

Through the Student Welfare Unit, the OUSL students who are from diverse backgrounds have been encouraged to participate in activities that bring their talents to the forefront and help them work together in groups. Due to these endeavours, the students of the University, have participated in many sports related events within and outside the University and won many prizes. The first-ever colour's night of the University was held in December 2017.

Council approval has been granted to the Physical Education Unit within the University to help OUSL students with their sports activities. The University has plans to enhance the physical infrastructure for developing sports activities within the University.

The achievements and accolades won by its students is one of the barometers used to measure the quality of any University. In this respect, it is with much pride noted that several of our students achieved distinctions at national level, competing with other national University students. One of the students from the Department of Mechanical Engineering won the prestigious Manamperi Award for the Best Inter-University Final Year Undergraduate Project in Engineering for the year 2016. This is the third time running an OUSL student has won this award.

The OUSL Student Academic Conference (FETSAC) was held by the Faculty of Engineering Technology.



# 4.1 Faculty of Education



The Faculty of Education offers a wide range of programmes from Certificate to Post Graduate levels in line with its vision to be a leader of the advancement of knowledge and professional practice in education as a fundamental endeavor through Open and Distance Learning in Sri Lanka and in the Region. It is one of the largest providers of initial and continuous professional development programmes for teachers in the fields of preschool, primary and secondary and special needs education through the distance mode in Sri Lanka. The Student enrollment in the programmes offered by the Faculty is over 7000 in each academic year and the pass rate is above 80%.

Research is an integral component of the activities within the Faculty and the staff members are actively involved in a number of research projects.

The Faculty of Education presently consists of the following three Departments of Study:

- 1. Department of Secondary and Tertiary Education
- 2. Department of Early Childhood and Primary Education
- 3. Department of Special Needs Education

The Department of Secondary and Tertiary Education is currently offering 10 study programmes with the objectives to provide opportunities for further education for non-graduate Science teachers in the education system, to provide opportunities for higher education to those who are qualified to enter but do not get a placement in a conventional university and to provide a professional qualification for Science graduates who are willing to enter the teaching profession.

The Department of Early Childhood & Primary Education is also currently offering three programmes and a new Programme in Bachelor of Education Honors in Primary Education is also in Progress. In addition to the conduct of Study programmes, this Department coordinates the activities of the three model pre-schools attached to Regional Centres of the OUSL in Colombo, Kandy and Matara and the Child Study Centre.

The Department of Special Needs Education was established with an overall objective to ensure and promote the rights of the children with special needs and those placed in special circumstances in Sri Lanka currently offering six courses including short courses in the field of Special Needs Education. And also a new Programme in Master of Education in Special Needs Education is also in Progress.

# 4.1.1 Student Enrolment and Completion in individual Programmes

Department of Special Needs Educatio	n			
Programme Name	Level	Medium	New Enrolment	Completed
Short Course on Teaching Children with	Certificate	S, T, E	64	
Learning Disabilities				
Bachelor of Education in Special Needs	Undergraduate	S, E	206	
Education B.Ed (SNE)				
Postgraduate Diploma in Special Needs	Postgraduate	S, T, E	26	102
Education (PGDSNE)			20	102
Department of Early Childhood and Pr	imary Education			
Certificate in Pre-school Education	Certificate	S, E	454	316
Programme			434	310
Advanced Certificate in Pre-school	Certificate	S, E	4.4	0.4
Education Programme			44	84
Diploma in Early Childhood & Primary	Diploma	S, T, E	4 404	200
Education			1,421	280
Postgraduate Diploma in Special Needs	Postgraduate	S, T, E		
Education (PGDSNE)			26	102
Department of Secondary and Tertiary	y Education			
Short Course on Research Methodology	Certificate	S, E	25	
Short Course on Multi-grade Teaching	Certificate	Т	27	
Programme			27	
Stand-alone online course in Teacher	Diploma	Е		
Educator as an				
Educational Technology Programme				
Bachelor of Education (Natural Sciences)	Undergraduate	S, T, E	28	04
Programme				
Bachelor of Education (Drama & Theatre)	Undergraduate	S	34	16
Programme		_		
Postgraduate Diploma in Education	Postgraduate	S, T, E	3,045	2,495
Programme  Master of Education Programma	Do obovo de ete	СТГ	00	40
Master of Education Programme	Postgraduate	S, T, E	90	13
Master of Arts in Teacher Education	Postgraduate	S, T, E	40	3
(International) Programme				
Total				

S- Sinhala

T – Tamil

E- English

# 4.1.2 Student Enrolment and Staff in Individual Programmes

Programme	Total Students	Total Academic and academic support Staff including visiting staff	Total Non Academic Staff
Postgraduate Diploma in Special Needs Education (PGDSNE)	141	05	02
Bachelor of Education in Special Needs Education B.Ed(SNE)	205		
Certificate in Pre-school Education	591	06	10
Advanced Certificate in Pre-school Education	112		
Diploma in Early Childhood & Primary Education	1,510		
Short Course on Research Methodology	25	06	
Short Course on Multi-grade Teaching	27	11	-
Stand-alone online course on Teacher Educator as an Educational Technology	06	01	
Bachelor of Education in Natural Sciences	17	22	05
Bachelor of Education in Drama & Theatre	71	- 44	
Bachelor of Arts in English Language Teaching	45	05	1
Post Graduate Diploma in Education	3394	157	1
Master of Education	279	16	1
Master of Arts in Teacher Education (International)	105	15	1

# 4.1.3 New Courses / Programmes

Course / Programme	Medium	Level	
Master of Education (Coursework)	English	Master	

### **4.1.4 Courses Offered Online**

Course Code & Title	Level	Medium			
Department of Special Needs Education					
ESP2136	Postgraduate	Sinhala, English			
ESU3139	Undergraduate	Sinhala, English			
Department of Secondary and Tertiary Education					
Stand-alone online course on Teacher Educator as an Educational Technology Programme	Postgraduate	English			
ESP2245 Teacher Educator as a Researcher	Postgraduate	English			
ESP2332 Computer Technology in Education	Postgraduate	English			
ESP 2311 Educational Psychology	Postgraduate	English			

# 4.2 Faculty of Engineering Technology



The Mission of the Faculty is: "Achieving excellence providing life-long learning opportunities in engineering and technology for all to meet industrial and social needs through open and distance learning, and support research and scholarship by efficient and sustainable use of resources."

Faculty of Engineering Technology is one of the five academic faculties of the OUSL. The other four faculties are the Faculty of Natural Sciences, the Faculty of Humanities and Social Sciences, the Faculty of Education and the Faculty of Health Sciences. The administrative and academic head of the Faculty is the Dean. The Faculty of Engineering Technology consists of the following six Academic Departments:

- Agricultural and Plantation Engineering
- Civil Engineering
- Electrical and Computer Engineering
- Mathematics and Philosophy of Engineering
- Mechanical Engineering
- Textile and Apparel Technology

Each department functions under a Head. All departments are collectively responsible for all academic activities of the Faculty. The Faculty Board of the Faculty of Engineering Technology regulates all academic activities in the Faculty, under the direction of the Senate of the OUSL. The Faculty also has a multi-disciplinary Engineering Research Unit (ERU) dedicated to enhance research in the Faculty and to provide a forum for discussion of matters pertaining to engineering research. The Faculty of Engineering Technology offers a wide variety of programmes from Certificates, Diplomas, Degrees, PG Diplomas, Master of Technology Degrees, Master of Philosophy and Doctor of Philosophy.

### 4.2.1 Student Enrolment and Completion in individual Programmes

Faculty of Engineering Technology				
Programme Name	Level	Medium	New	Completed
			Enrolment	
Certificate in Industrial Studies	Certificate	English,	97	30
		Sinhala		
Diploma in Technology	Diploma	English	Exit only	66
Diploma in Industrial Studies	Diploma	English	Exit only	31
Diploma in Information Systems and Technology	Diploma	English	163	4
Bachelor of Industrial Studies	Undergraduate	English	449	52
Bachelor of Technology (Engineering)	Undergraduate	English	1,479	78
Bachelor of Software Engineering	Undergraduate	English	41	21
Post graduate Diploma in Technology	Postgraduate	English	21	10
Master of Technology	Postgraduate	English	2	4

Table 7: Student Enrolment and Completion in individual programmes – Engineering

Technology

**4.2.2 Student Enrolment and Staff in individual Programmes** 

Programme	Total Students	Total Academic Staff	Total non- Academic Staff
Coatificate in Lad at in 104. If a	404	83	5
Certificate in Industrial Studies Diploma in Information Systems and	131		35
Technology	207		
Bachelor of Industrial Studies	1151		
Bachelor of Technology	4257		
Bachelor of Software Engineering	123		
P.G.D. Construction Management	41		
M.Tech. in Construction Management	13		
P.G.D.in Industrial Engineering	1		
P.G.Diploma in Apparel production & management	6		
M.Tech. in Industrial Engineering	10		
Master of Technology in Apparel production			
& management	2		

# 4.2.3 New Courses / Programmes

Course / Programme	Medium	Level
Master of Science in Structural Engineering	English	Postgraduate

## 4.2.4 Courses Offered Online

Course Code & Title	Level	Medium
CEX3230 Construction materials	Undergraduate	English
CEX4234 Water supply and Sewerage Engineering	Undergraduate	English
CEX4235 Building engineering	Undergraduate	English
CEX5232 Engineering geology	Undergraduate	English
CEX6332 Structural Design	Undergraduate	English
CEX6233 Environmental Engineering	Undergraduate	English
TTX4260 Woven fabric technology	Undergraduate	English

## 4.3 Faculty of Health Sciences

The Faculty of Health Sciences is the 5<sup>th</sup> Faculty of the OUSL, created in July 2015 with UGC approval. Five Departments of Study are Nursing, Medical Laboratory Sciences, Pharmacy, Basic Sciences, and Psychology & Counselling.

The following served as the principal officers of the Faculty in 2017: Dean: Professor GR Ranawaka; Head/ Basic Sciences: Professor GWAR Fernando and Professor RU Tantrigoda (from September 2017); Head/Medical lab. Sciences: Mr. BSS de Silva; Head/Nursing: Ms. AVP Madhavi; Head/Pharmacy: Ms. PWGDP Samarasekera; Head/Psychology & Counselling: Dr. GP Gamage and Assistant Registrar: Ms. SADDN Samarasinghe.

The staff strength was only 19 permanent staff in 2017, but received a total of 101 cadre positions for academic and non-academic staff towards the end of 2017. The Faculty of Health Sciences continued to offer three Degree programmes in 2017 to nearly 3700 students: BSc Nursing, Bachelor of Medical Laboratory Sciences and Bachelor of Pharmacy. All three programmes were offered for those having Diploma qualifications in the relevant field and employed as Nurses, MLTs or Pharmacists. The highest number of students were registered for the Nursing degree, which was offered at all 08 Regional Centres, whilst the academic activities of the other two were conducted only in the Colombo Regional Centre. In 2017, the Faculty produced a total of 267 BSc Nursing graduates.

The OUSL Counselling Unit administered under the Dept. of Psychology & Counselling continued to offer its services to staff and students. The Dept. of Medical Laboratory Sciences of the Faculty declared opened a Diagnostic Laboratory in April 2017, to provide an in-house medical laboratory service for the convenience of staff and students of OUSL.



#### 4.3.1 Student Enrolment and Completion in individual Programmes

Faculty of Health Sciences				
Programme Name	Level	Medium	New Enrolment	Completed
Bachelor of Science in Nursing	Undergraduate	English	629	263
Bachelor Medical Laboratory Sciences	Undergraduate	English	49	1
Bachelor of Pharmacy	Undergraduate	English	96	-
Total			774	263

Table 6: Student Enrolment and Completion in individual programmes – Health Sciences

## 4.3.2 Student Enrolment and Staff in individual Programmes

Programme	Total Students	Total Academic Staff	Total Non - Academic Staff
Bachelor of Science in Nursing (BSc Nursing)	3,168	15	03
Bachelor of Medical Lab. Sciences (BMLS)	256	04	01
Bachelor of Pharmacy (BPharm)	265	04	-
BSc Hons Psychology	0	03	-
Total	3,689	26	04

#### **4.3.3 Courses Offered Online**

Course Code & Title	Level	Medium
Department of Nursing		L
NSU3107- Introduction to Research	Undergraduate	English
NSU3110- Health Statistics	Undergraduate	English
NSU3114- Critical Care Nursing	Undergraduate	English
NSU3211- Maternal, Neonatal & Gynaecological Nursing	Undergraduate	English
NSU4101- Research Methodology	Undergraduate	English
NSU4107- Palliative Care Nursing	Undergraduate	English
NSU4206- Senior Focus Electives	Undergraduate	English
NSU4310- Research Project	Undergraduate	English
NSU4311- Primary Health Care	Undergraduate	English
NSU4402- Primary Health Care II	Undergraduate	English
NSU3101 Anatomy & Physiology	Undergraduate	English
Department of Medical Laboratory Scienecs	1	
MLU1144- Medical Terminology and Ethics	Undergraduate	English
MLU1148- Basic Haematology	Undergraduate	English
MLU2241- Parasitology and Entomology	Undergraduate	English
MLU2345-Systematic and Clinical Microbiology 1	Undergraduate	English
MLU3141- Applied Statistics	Undergraduate	English
MLU3144- Immunology	Undergraduate	English
MLU3147- Diagnostic Parasitology and Entomology II	Undergraduate	English
MLU3149-Histopathology	Undergraduate	English
MlU3242- Cell Biology and Basic Biochemistry	Undergraduate	English
MLU3245-Advanced Clinical Haematology	Undergraduate	English
MLU3248-Analytical Techniques	Undergraduate	English
MLU4143-Clinical Microbiology II	Undergraduate	English
MLU4146-Immunohistochemistry	Undergraduate	English
MLU4245-Cytogenetcs and Molecular Genetics	Undergraduate	English
MLU1247 General Microbiology	Undergraduate	English
MLU1142 Anatomy & Physiology	Undergraduate	English
Department of Pharmacy	1	
BPU1110 General Chemistry	Undergraduate	English

BPU2120 Biochemistry	Undergraduate	English
BPU1111 Pharmacognosy	Undergraduate	English
BPU2124 Pharmacology I	Undergraduate	English
BPU2127 Forensic Pharmacy	Undergraduate	English
BPU3231 Pharmaceutical Analysis	Undergraduate	English
BPU3232 Pharmaceutics III	Undergraduate	English
BPU3234 Pharmacology II	Undergraduate	English
BPU4242 Pharmaceutics IV	Undergraduate	English

## 4.4. Faculty of Humanities and Social Sciences



The Faculty of Humanities and Social Sciences is dedicated to employ Open Distance Learning mode to provide quality educational opportunities for adult learners for professional and personal advancement and excellence in scholarship and research in contemporary disciplines in Humanities and Social Sciences.

In line with the mission, the Faculty consists of four departments representing major fields within Humanities and Social Sciences such as Social Studies, Legal Studies, Language Studies and Management Studies. Each department provides multiple opportunities to pursue higher studies from certificate to undergraduate level. Currently, the faculty caters nearly 15,000 learners from various regions of the country following multiple programs offered. Faculty has taken the responsibility of teaching English for all the undergraduates in OUSL through the Department of Language Studies. There were 12 pre-degree programmes offered by the faculty in year 2017. Among them the Certificate programme in Social Science plays a significant role; it provides a golden opportunity for those who have completed nine years of schooling with 18 years of age, to aspire their higher education dreams at OUSL.

Successful completion of other pre-degree programmes also open numerous higher educational opportunities within the faculty and even in other faculties at OUSL. Such fields are Management, Law, English Language, Special Needs Education and Social Sciences. The table one shows the summary of the pre-degree, undergraduate and post graduate level programmes offered by the faculty and total number of learners and output in 2017

Table 1 Faculty overview-Number of programmes, number of learners and output in 2017

Programmes	Total Students	Total Awardees
Pre – Degree (12)*	4,184	763
Undergraduate (4)*	10,839	835
Post- graduate (4)*	422	124
Total (20)*	15,445	1722

<sup>\*</sup>Total number of programmes are given in parenthesis

Majority of the learners enrolled at the Faculty are employed and they wish to complete their studies using the Open Distance Learning mode and within the recommended flexible time period while fulfilling both family and work demands.

Dean's List commendation letters were issued for 121 learners first time after establishment of the faculty of HSS in 2017. Further to that the first student's research symposium was conducted in 2017 and 34 papers were presented. The information studies Unit was established in the faculty to assist the new undergraduate programmes to be launched in 2018 named BA in Library and Information Studies. Two other proposals were submitted to UGC in 2017 requesting a new Faculty of Management Studies and to establish a new Department of English Language Teaching.

The Faculty consists of a dedicated and experienced staff, over 80% of them have obtained post graduate qualifications; they are both prepared and committed to produce higher learning outputs to nurture individual aspirations while meeting the national development goals.





## 4.4.1 Student Enrolment and Completion in individual Programmes

Programme Name	Level	Medium	New Enrolment	Completed
Certificate in Entrepreneurship and Small Business Management	Certificate	S, T, E	959	153
Certificate in Social Sciences	Certificate	S, T, E	213	116
Advanced Certificate in English for Business & Professional Communications	Certificate	Е	878	429
Diploma in Youth Development	Diploma	S, T, E	44	17
Bachelor of Management Sciences Honours	Undergraduate	Е	1,193	112
Bachelor of Laws	Undergraduate	S, T, E	5,298	266
BA in Social Sciences	Undergraduate	Е	1,194	259
BA in English & English Language Teaching	Undergraduate	Е	416	28
Commonwealth Executive Masters in Business / Public Administration	Postgraduate	E	158	52
Master of Business Administration in Human Resources Management	Postgraduate	Е	38	28
Master of Laws	Postgraduate	Е	149	9
MA in Development Studies & Public Policy	Postgraduate	Е		5

## 4.4.2 Student Enrolment and Staff in individual Programmes

Programme	Total Students	Total Academic and academic support Staff including visiting staff	Total Non- Academic Staff
Certificate in Entrepreneurship and Small Business Management	1,277	02	02
Bachelor of Management Sciences Honours	3,261	18	04
Commonwealth Executive Masters in Business / Public Administration	112	03	02
Master of Business Administration in Human Resources Management	122	03	01
B.A in English & English Language Teaching	403	14	
Diploma in English	161	02	
Advanced Certificate in English for Business & Professional Communication	1,220	63	50

Beginner's Course in Tamil	291	13	
Beginner's Course in Sinhala	199	12	
Basic Course in Tamil	204	13	
Basic Course in Sinhala	237	11	
Tamil SNL	1,150	25	
Sinhala SNL	350	07	
English for Academic Purposes – Legal Studies	2,116	45	
English for General Academic Purposes – Management			
English for General Academic Purposes – Natural			
Sciences	4,847	100	
English for General Academic Purposes – Engineering			
Technology			
English for General Academic Purposes – Social			
Sciences	1,728	36	
English for General Academic Purposes – Nursing			
English for Social Sciences	270	10	
Bachelor of Laws	4,742	19	04
Master of Laws	126	01	01
MA in Development Studies & Public Policy	62	02	01

## 4.4.3 New Courses / Programmes

Course / Programme	Medium	Level
BA in Library & Information Studies	English	Undergraduate
Communication in Disaster Mitigation	English	Undergraduate

#### 4.4.4 Courses Offered Online

Course Code & Title	Level	Medium
Department of Social Studies	<u> </u>	
DSU4323: Non- Environmental Communication	Undergraduate	English
DSU4333: Development Economics	Undergraduate	English
DSU4334: International Economics	Undergraduate	English
DSU4335: Monetary Economics	Undergraduate	English
DSU4353: Kinship, Family & Marriage	Undergraduate	English

DSU4345: Political Participation, Representation &	Undergraduate	English
Governance		
DSU4355: Religion, Society & Culture	Undergraduate	English
DSU4356: Politics & Social Movements	Undergraduate	English
DSU4344: International Organization & Transnational	Undergraduate	English
Governance		
DSU5356: Ethnicity in Everyday Life	Undergraduate	English
DSU4346: Public Policy & Administration	Undergraduate	English
DSU5332: Agricultural Economics	Undergraduate	English
DSU5347: Law and Politics	Undergraduate	English
DSU4332: Health Economics	Undergraduate	English
DSU3552: Understanding Sri Lankan Society and Culture	Undergraduate	English
DSU5336: Urban Economics	Undergraduate	English
DSU4327: Appreciation of Film and Theatre	Undergraduate	English
DSU5344: Sri Lanka in a Globalized World: Issues and	Undergraduate	English
Challenges		
DSU4336: Public Finance	Undergraduate	English
DSU5346: Cyber Politics & State	Undergraduate	English
DSU5323: Corporate Communication & Image Building	Undergraduate	English
DSU5325: Communication Campaigns	Undergraduate	English
DSU5345: State, Society and Citizens: Normative	Undergraduate	English
Dimension of Political Life		
DSU5354: Health & Society	Undergraduate	English
DSU5357: Globalization, Migration and Social Change	Undergraduate	English
DSU4324: Advertising and Promotions	Undergraduate	English

#### 4.5 Faculty of Natural Sciences



#### **Overview**

The mission of the Faculty is: "To be innovative in teaching-learning and research demonstrating leadership in open & distance learning in the fields of Science, with a commitment to achieve national goals."

The objectives of the Faculty are:

- To develop motivated personnel successful in their academic, career & life-long learning goals
- To offer quality programmes informed by current needs and demands
- To support the community and the nation through partnerships and public service
- To promote research, scholarship and enterprise activities
- To increase the outreach of the sciences via open access & distance education.

The six Departments of the Faculty are Botany, Chemistry, Computer Science, Mathematics, Physics and Zoology.



The Department of Mathematics & Computer Science was split into the two Departments as Department of Computer Science and Department of Mathematics in July 2017.

The Annual Awards Ceremony of the Faculty was held on 7th July 2017 and students were awarded Dean's List Award, Kandiah Memorial Award, Nalini Ratnasiri Award, Buckyball Society Awards, ZooNet Awards and Spectrum Awards at this Ceremony.

A total of 512 B.Sc. graduates passed out during the course of the year bringing the total number of Science graduates produced so far to 4905. A total of 1327 new students were registered to the Bachelor of Science Degree Programme in 2016/2017.

The Faculty has contributed towards University research by supervising the research work of undergraduates and postgraduates and those at diploma level, and in addition carrying out many other research studies.





#### 4.5.1 Student Enrolment and Completion in individual Programmes

Faculty of Natural Sciences				
Programme Name	Level	Medium	Enrolment	Completed
Certificate in Laboratory Technology	Certificate	English	17	23
Certificate in Wildlife Conservation &	Certificate	English &	-	
Management		Sinhala		
Certificate in Computer Network Systems	Certificate	English	30	31
Certificate in Personal Computer Applications	Certificate	English	45	51
Short course in Web Development Using	Certificate	English	41	
Joomla & Wordpress				
Advanced Certificate in Laboratory	Certificate	English	-	16
Technology				
Diploma in Science	Diploma	English	Exit qualification	67

Diploma in Microbiology	Diploma		Not offered	
Diploma in Natural Resources & Eco-Tourism	Diploma	English	32	
Bachelor of Science	Undergraduate	English	1,314	514
Master of Environmental Studies	Postgraduate	English	42	23
Masters in Medical Entomology & Applied	Postgraduate	English	-	06
Parasitology				
MPhil/PhD	Postgraduate	English		02
Total			1,521	731

Table 5: Student Enrolment and Completion in individual programmes – Natural Sciences

# 4.5.2 Student Enrolment and Staff in Individual Programmes

Programme	Total Students	Total Academic and academic	Total non Academic
	@31.12.2017	support Staff	Staff
Bachelor of Science	4,002	87	41
Diploma in Microbiology	Not offered		
Ad. Cert. in Lab. Technology (ACLT)	01	10	04
Cert. in Lab. Tech.	20	10	04
Cert. in Computer Networks & Security	33	03	-
(CCNS)			
Cert. in Professional Computer Applications	45	02	01
(CPCA)			
Short course in Web Development Using	41	-	01
Joomla & Wordpress			
PG Diploma in Environmental Science-CESSD	Exit point only	Inter-Faculty staff,	-
Master of Environmental Studies-CESSD	124	No permanent staff	
Masters in Medical Entomology & Applied	03	16	04
Parasitology			
Short course of Social Work Management -			
CESSD			

#### 4.5.3 New Courses / Programmes

Course / Programme	Medium	Level
GIS and Remote sensing in Natural Resource	English	Undergraduate
Management		
Molecular Biology	English	Undergraduate
Literature Review in Zoology	English	Undergraduate
Advanced Laboratory Techniques in Zoology	English	Undergraduate
Research methodology	English	Undergraduate
EIA	English	Undergraduate
Mammalian Biology	English	Undergraduate
Diploma in Environment Science	English	Diploma

#### **4.5.4 Courses Offered Online**

Course Code & Title	Level	Medium
Department of Computer Science		
Information Technology for University Entrants	Offered to all	English
2015/2016 under UGC	universities	
	through UGC	
Department of Zoology		•
ZLU4186 - Ornithology	Undergraduate	English
ZLU 3186 - Insect Biology	Undergraduate	English
ZLU3187 - Mammalian Biology	Undergraduate	English
ZLU2281 - Fundamentals of Ecology	Undergraduate	English
Department of Botany		
BOU3200 - Plant Physiology	Undergraduate	English

Part 5 - Research and Publications

# **5.1 Research Projects / Papers**

Families / Cambrid	Don custom cust	Research	Papers	Papers
Faculty / Centre	Department	Projects	Published	Presented
Education	Special Need Education	01	01	02
	Early Childhood & Primary Education	02	02	10
	Secondary & Tertiary Education		10	15
Engineering	Agricultural & Plantation Engineering	-		
Technology	Civil Engineering	-		
	Electrical & Computer Engineering	-		
	Mathematics & Philosophy of		27	50
	Engineering	-		
	Mechanical Engineering			
	Textile & Apparel Technology	17		
Health Sciences	Basic Sciences		10 36	
	Medical Laboratory Sciences			
	Nursing	46		36
	Pharmacy			
	Psychology & Counselling			
Humanities &	Language Studies	-		
Social Sciences	Legal Studies	-	64	45
	Management Studies	-	04	45
	Social Studies	-		
Natural Sciences	Botany	07	28	20
	Chemistry	-	05	-
	Computer Science	-	01	-
	Mathematics	-	07	-
	Physics	-	03	-
	Zoology	-	15	18
Centre for Educatio	nal Technology & Media	-	05	-
Regional Education	al Services	-		-
Library		01	01	01
Total		74	179	197

Details of publications are given in Annexure.

## 5.2 Books / Patents

Faculty / Centre	Chapters in Books	Complete Books	Patents Published
Education	-	10	-
Engineering Technology	-	-	-
Health Sciences	-	-	-
Humanities & Social Sciences	-	02	-
Natural Sciences	-	01	-
Centre for Educational Technology & Media	-	-	-
Regional Educational Services	-	-	-
Library	-	-	-
Total	-	13	-

#### 5.3 Awards

Faculty / Centre	University Awards	National Awards	International
Education	-	-	01
Engineering Technology	-	01	
Health Sciences	-		02
Humanities & Social Sciences			05
Natural Sciences	03	02	
Centre for Educational Technology & Media	-	-	01
Regional Educational Services	-	-	
Library	-	-	
Total	03	03	09



#### 6.1 Regional Educational Services (RES)

The University provides its services through a network of nine (09) Regional Centres and eighteen (18) Study Centres in different parts of the country and has brought education literally to the doorstep of students (see Figure 1).

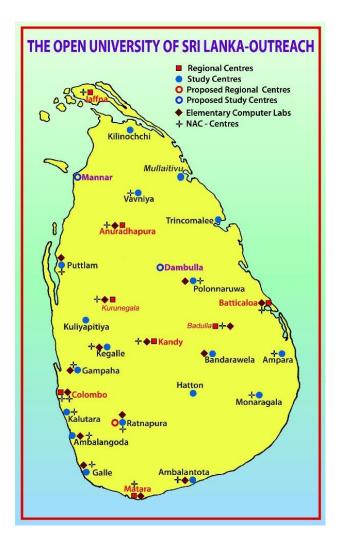


Figure 1: Regional Network of the OUSL

This network of centres provides facilities for counselling, collection of application forms, recruitment of students, distribution of course material, management of contact sessions including day classes and examinations. The Central Campus including the Colombo Regional Centre is located in a 33-acre land at Nawala in the suburbs of Colombo.

With respect to Regional Educational Services, Rathnapura Study Centre was upgraded to a Regional Centre in 2017 to accommodate academic activities to cater to the needs of the learners

in the Sabragamuwa Province. With the upgrading of the Rathnapura Regional Centre the goal of the university to establish one Regional Centre is each province has been realized.

Council approval has already been granted to establish a new Study Centre for Matale District in the plot of land that has been allocated for this purpose in Matale town. With the establishment of Matale Study Centre another goal of the University, that is, to have at least one study centre in each of the districts of Sri Lanka would also be realized.

During the year 2017, Cabinet granted approval to provide lands for Rathnapura and Badulla Regional Centers, and the process of acquisition is currently in progress. Further, the District Secretaries of Mannar and Trincomallee have allocated 5 acres of land each to house the Study Centres in these two areas.

Extension to the main building at the Anuradhapura Regional Centre and the new Library Building of the Matara Regional Centre were declared opened in mid-2017.

The renovation work in Blocks 1 to 20 at the Colombo Regional Centre is in progress and is planned to be completed by 2018. Construction of the new building for the Jaffna Regional Centre, building for the Faculty of Health Sciences and the extension to the Main Library building are expected to commence shortly with all necessary approvals now in place.

Proposals have been submitted to the University Grants Commission for construction of new exam halls for Bandarawela Study Centre, Gampaha Study Centre and Colombo Regional Centre. Proposal to construct a new multi-storied building for Matara Regional Centre too has been sent to the UGC.

A proposal to build Temporary Residential Facilities in Kandy and Matara Regional Centres has already been submitted to the Ministry of Higher Education. The proposal to expand the activities of the OUSL to increase access to higher education across the country was recently taken up at a meeting with the Honourable Prime Minister and the Minister of Higher Education and Highways.

# **6.2 Library**



The Open University of Sri Lanka (OUSL) library system is different from a conventional library system in its scope of services and physical distribution.

The library promotes open learning culture through specialized facilities provided in the library such as past question paper collection, course material collection, and audio-visual learning support collection and through the virtual library access with remote library services, cluster learning facilities. It also provides facilities for knowledge exchange and scholarly communication by providing discussion facilities in the library. However, the serious learners have been provided facilities to do individual and more absorbed learning.

OUSL Library network consists of Main University Library at Nawala and 08 Regional Centre libraries and Study Centre libraries. The 18 Study Centres have small collections consisting of course materials, question papers and basic texts.

#### **Collection of Books and Periodicals**

		201	16	201	17
	Location	Bound Volumes of Periodicals	Books	Bound Volumes of Periodicals	Books
OUSL	Main Library	2,560	99,734	335	101,560
Total of Regional Centers		-	34,553	963	38,486
Total of Study Centers		-	16,387	-	14781
<b>Grand Total</b>	-	2,560	150,674	1,298	1,54,827

# 6.3 Staff Development Centre (SDC)



The Staff Development Centre (SDC) planned and executed its staff development activities throughout the year. It provides training programmes for the academics, administrative and other support staff members to upgrade their capacity to serve the clientele of the OUSL as well as other Universities.

**Activities - 2017** 

	Workshops Conducted By SDC In Year 2017					
No	Title of the Course	Duration	Medium	No of students registered	No of students completed	
01	Trining Programme for Assistant Directors/Regional Educational Services	2, ½ days	English & Sinhala	05	05	
02	Training Workshop on Fire safety, Fire fighting and Casualty rescue for employees of the University	⅓ day	Sinhala	88	88	
03	Induction Training for Senior Lecturers in OUSL & University of Moratuwa – 2017	10 days	English	13	12	
04	The Guest Lecture on Gender Issues for Academic Staff	10.00 am - 12.00 noon	English	-	20	
05	Workshop on Open Education Resources	01 day	English	10	10	
06	13th SDC-SLAIHEE Joint Annual Conference	01 day	English	130	130	

		1	1		
07	Workshop on Using OMIS for Scheduling Academic Activities/Timetable	01 day	English & Sinhala	35	35
08	Workshop on Report Writing the Audit Quarries	½ day	English & Sinhala	55	55
09	Two Day Residential Outward/Inward Bound Training Programme at Kitulgala for academic staff	02 days	English	25	25
10	Workshop on Skills Development for OUSL Staff (For RES staff at Anuradhapura regional centre)	01 days	Sinhala	33	33
11	Workshop on Research Methodology	03 days	English	23	23
12	Workshop on Procurement and Inventory Management	02 days	English & Sinhala	40	40
13	Workshop for Security Officers	½ day	Sinhala	22	22
14	Two Day Residential Outward/Inward Bound Training Programme at Hanwella for non-academic staff	02 days	English & Sinhala	34	33
15	Workshop on Paralysis by Meeting	½ day	English	20	20
16	CTHE Programme for Probationary Lecturers - 2017	150 hours	English	Ong	oing
17	Workshop on Positive Parenting	9.30 am – 12.30 pm	English & Sinhala	25	25
18	Workshop on Conflict Resolution	9.30 am – 12.30 pm	English	07	07

19	Workshop on Digital Science, Learning, Character and Abuse	9.30 am – 11.30 am	English	28	28
20	Workshop on Bibliometric, Scientometric and Webometric - In collabaration with Library	2 days	English	22	22





# Details of Programme, Seminars & Workshops:

# Faculty of Engineering Technology

Subjects	Attended
a. No of Postgraduate Degree Programme	-
b. No of Postgraduate Diploma	-
Programme	
c. No of Degree Programme	-
d. No of Diploma Programme	-
e. No of Certificate Programme	-
a. Other	02
b.	
Total	02

# Faculty of Education

Subjects	(Dept. of STE)	Attended	Completed
a. No of	FPostgraduate Degree Programme	4	4
b. No of	f Postgraduate Diploma	3	3
Prog	ramme		
c. No of	Degree Programme	4	4
d. No of	f Diploma Programme	-	-
e. No of	Certificate Programme	-	-
f. Other	r	-	-
Total		11	11

# <u>Library</u>

Subjects	Attended	Presented
No of Postgraduate Degree Programme	-	-
No of Postgraduate Diploma Programme	-	-
No of Degree Programme	-	-
No of Diploma Programme	-	-
No of Certificate Programme	-	-
Other Workshops	05	29
Total	05	29

# Faculty of Health Sciences

Sul	pjects	Attended	Completed	Presented
c.	No of Postgraduate Degree Programme	04	03	-
d.	No of Postgraduate Diploma	-	-	-
	Programme			
e.	No of Degree Programme	-	-	-
f.	No of Diploma Programme	-	-	-
g.	No of Certificate Programme	02	01	-
h.	Other	09	-	• 06 – resource persons
	- Workshops, seminars, events etc			• 17 – events organized
Tot	cal	15	04	23

# Details of Programmes, Seminars, Workshops & Events

#### Postgraduate programmes

	Programme Attended/Completed	Name of the staff member
1.	Completed PhD in Nursing – University of Sri Jayawardenepura	Ms. KA Sriyani (Probationary Lecturer in Nursing)
2.	Completed Master in Integrative Health Science – Kristianstad University of Sweden	Ms. G.G.W.C. Wijesekara (Lecturer Probationary in Nursing)
3.	Completed Master of Development Practice – University of Peradeniya	Ms. D.M.U.M. Dissanayaka (Temporary Lecturer in Nursing)
4.	Attending PhD - University of New Mexico, USA	Mr. B.S.S. De Silva (Senior Lecturer in Nursing)
5.	Attending PhD - Queensland University of Technology (QUT), Australia	Mr. H.E. Yapa (Probationary Lecturer in Nursing)
6.	Attending PhD - QUT University in Australia	Mrs. B.M.C.R. Wimalasiri (Probationary Lecturer in MLS)
7.	Attending MPhil – University of Peradeniya	Ms. RBJ Buddhika (Probationary Lecturer in Pharmacy)

## <u>Certificate programmes</u>

	Programme Attended/Completed	Name of the staff member
1.	Completed Certificate of Teaching in Higher Education (OUSL)	Ms. G.G.W.C. Wijesekara (Probationary Lecturer in Nursing)
2.	Attended Certificate of Teaching in Higher Education (OUSL)	Ms. M. Laavanya (Probationary Lecturer in Nursing)  Mr. E.W.S. Chameera (Probationary Lecturer in MLS)
3.	Attended Certificate in Basic Sinhala, Department of Language studies, The OUSL	Ms. M. Laavanya (Probationary Lecturer in Nursing)

## Others - Workshops, seminars participated/events organized

Ses	sions Attended/Completed/organized	Name of the staff member		
Wo	rkshops participated as resource person/participant			
1.	Participated as a resource person - workshop on "Quality Management" for nursing administrators in Southern Province conducted by Ministry of Health	Ms. A.V. Pramuditha Madhavi (Head/ Senior Lecturer in Nursing)		
2.	Attended workshop on "Aging Research" at National Institute of Mental Health organized by Institute for Research & Development, Sri Lanka	Ms. A.V. Pramuditha Madhavi (Head/ Senior Lecturer in Nursing)		
		Dr. K.A. Sriyani (Senior Lecturer in Nursing)		
3.	Participated as a resource person in an in-service training programme on "Introduction in Research" for nurses at National Institute of Mental Health, Mulleriyawa.	Mr. B.S.S. De Silva (Senior Lecturer in Nursing)		
4.	Participated as a resource person in an educational programme on "Professional Development" for nurses at Base Hospital, Panadura.			
5.	Attended Workshop- A professional training workshop for cancer treatment, hospice/ palliative care and bioethics in South East Asian countries held at National Taiwan University.			
6. 7.	Attended Conference on Lien collaborative palliative care training of trainers programme in Singapore.  Participated a stakeholder meeting on "Palliative care in Sri Lanka" organized by Sri Lanka Medical			
0	Association.	M. DWGDDG		
8.	Attended the 13 <sup>th</sup> Emirates Critical Care Conference- Dubai, 2017	Ms. P.W.G.D.P. Samarasekara (Senior Lecturer in Nursing)		
	Attended workshop on "On camera presentation" conducted by SDC, OUSL	Dr. W.N. Priyanthi		
10.	Attended workshop on "Course development in-print"	Department of Nursing: Ms. M. Laavanya, Ms. D.M.U.M. Dissanayake, Ms. H.U.C. Nuwansala, Ms. M.W.N. Nisansala, Ms. L.Y.S.S. Kumari, Ms. N.R. Kuruppu, Ms. V.T. Wickramasinghe, Ms. E.A.R.D. Kumari		
		Department of MLS: Ms. R.S.R. Rajakolasooriya, Ms. V.A.S. Fernando, Ms. H.M.S.P. Herath		
11.	Participated as resource persons in a public awareness programme on "Poisoning" at the Exhibition of "Thirasara Yugayaka Haritha Udanaya"	Ms. N.R. Kuruppu & Ms. A.S.P.L. Senadheera  Department of Nursing		
	held at BMICH (organized by PIO, OUSL)			
12.	Participated as resource persons in an awareness programme under Health Web Society of the Faculty of Health Sciences on "Cardio-Pulmonary Resuscitation" for school children participated for "All	Ms. D.M.U.M. Dissanayake, Ms. H.U.C. Nuwansala, Ms. L.Y.S.S. Kumari, Ms. N.R. Kuruppu & Ms. A.S.P.L. Senadheera		
	Island School Inventors' Competition- 2017" organized by SLAAS at the OUSL premises.	- Department of Nursing		
13.	Attended workshop on "Learner Support" conducted by Senate Sub-Committee on improving learner support, OUSL.	Ms. P.W.G.D.P. Samarasekara, Dr. W.N. Priyanthi, Mr. E.W.S. Chameera		

14. Participated as resource persons for faculty staff awareness workshop on "Improving Learner	Ms. P.W.G.D.P. Samarasekara, Dr. W.N. Priyanthi, Mr. E.W.S. Chameera
Support".  15. Participated at Workshop on Bibliometrics, Scietometrics & Webometric Analysis for Research Management. OUSL, SDC 12 <sup>th</sup> & 13 <sup>th</sup> December 2017	Ms. K. D. S. V. Karunanayaka Ms. R. A. N. Dilsha
Events organized /conducted	
<ul> <li>16. Organized a guest lecture on "Maintaining good posture for a healthier life" conducted by Mr. Udaya P. Chandrasena, Senior Physiotherapist, Lady Ridgeway Hospital for Children, Borella</li> <li>17. Organized an awareness programme on "Cardio-Pulmonary Resuscitation" for school children participated for "All Island School Inventors"</li> </ul>	Organized by Health Web Society- Faculty of Health Sciences
Competition- 2017" organized by SLAAS at the OUSL premises.	
18. Organized an event in lieu of World Health Day 2017 on 7th April 2017 at OUSL (Colombo Regional Center).	Organized by Department of Psychology and Counselling
Workshops on:	Workshop Series conducted by OUSL Counselling Unit
<ol> <li>'Social Anxiety' - 9<sup>th</sup> January 2017</li> <li>'Stress management techniques' - 25<sup>th</sup> January 2017</li> <li>'Anger Management' - 13<sup>th</sup> February 2017</li> <li>'Finding your inner self' - 19<sup>th</sup> and 28<sup>th</sup> July 2017</li> <li>Identifying student distress and providing Psychological First Aid - 26th July 2017</li> <li>'Managing your moods' - 20<sup>th</sup> Sept 2017</li> <li>Effective time management-20<sup>th</sup> Dec 2017</li> </ol>	
26. Session on 'Managing stress and facing challenges' Faculty of Health Sciences-EfIL programme– 13thSept, 27th Sept and Oct 25th 2017	Conducted by OUSL Counselling Unit
Orientation Sessions on Psychological Counselling:  27. Faculty of Humanities and Social Sciences -18 <sup>th</sup> January 2017  28. Faculty of Engineering Technology – 25 <sup>th</sup> March 2017  29. Faculty of Health Sciences – 16 <sup>th</sup> June 2017  30. Faculty of Natural Sciences- 17 <sup>th</sup> & 20 <sup>th</sup> December 2017	Conducted by OUSL Counselling Unit
31. Conducted laboratory investigations for staff at OUSL Health camp 2017	Department of Medical Laboratory Sciences with the support of other departments of Faculty
32. Information & Service introduction Stall at OUSL Health camp 2017	OUSL Counselling Unit in collaboration with Counsellors from Ministry of Social Empowerment, Welfare and Kandyan Heritage and Social work instructors from Department of Psychological Medicine, University of Colombo to conduct this stall

# 6.4 Career Guidance Unit (CGU)



The Career Guidance Unit in collaboration with the faculty organize workshops and seminars in guiding students for gainful employment opportunities based on their abilities, desires and expectations. This is to be achieved by educating undergraduates with necessary knowledge, skills, attitudes and motivation required by prospective employers both in the State and Private sector.

# 6.5 Press and Central Dispatch Unit

Course material production in good quality is the responsibility of the Printing Press of the OUSL. 387119 copies of course material have been produced and distributed by the Despatch Unit in the year 2017.

Printing of Material by the Press of the OUSL

	2017			
	*No. of **No. of Copies of Brochures		***No. of Copies of Other	
	Course Material		Material	
January	43,098	1,950	72,150	
February	39,369	4,700	112,905	
March	56,738	3,950	529,298	
April	27,492	350	5,155	
May	37,633	5,150	88,795	
June	35,495	8,910	595,960	
July	17,816	5,110	46,935	
August	18,128	850	105,477	
September	18,409	ı	49,485	
October	30,940	5,300	177,412	
November	23,767	20,600	296,868	
December	38234	15,000	78,305	
Total	387,119	71,870	2,158,745	

Source: Printing Press

<sup>\*</sup>Course Material includes, Text Books for students

<sup>\*\*</sup> Brochures include Leaflets, Application Forms, Hand outs, Leaflets etc.

<sup>\*\*\*</sup> Other Material includes the printing of ordinary documents for administrative purposes

#### 6.6 National Online Distance Education Service (NODES)

Even though the NODES was handed over to the university in 2016, the University has not been able to make much headway with its operations due to various logistic issues. Now that these issues are being addressed and during the year 2018 it would become fully operational, and serve the purpose for which it was established.

#### 6.7 International Relations Unit (IRU)

The International Relations Unit (IRU) was established in October of 2013. It operates under the OUSL By-law Number 9 of 2016, approved by the Council of the Open University of Sri Lanka under Section 135 of the University Act No. 16 of 1978 as amended to be read with Section 19 of the Open University of Sri Lanka Ordinance No. 01 of 1990 as amended.

The IRU function under direct purview of the Vice-Chancellor and managed by a Director. Its administrative and financial activities managed by a Board of Management. The Director/ IRU is an academic of the OUSL, of Senior Lecturer or above who shall be appointed by the Council of the OUSL on the recommendation of the Vice-Chancellor.

The OUSL is committed in delivering a world-class education and research portfolio, providing full and dynamic university experience and pursuing strong international links to advance knowledge.

The OUSL aims to ensure that it has sufficient faculty and institution level agreements in place to meet the growing needs of the institute. The IRU provides expert advice and guidance to the university on the development of international relations strategies and the establishment of formal relationships and partnerships with universities and other entities around the world.

The following are the objectives of the IRU:

- (a) Make strategies and country-specific recommendations to Institutes, Faculties, Senate and Council of the OUSL.
- (b) Coordinate the development and review of the OUSL's formal bilateral and multilateral Agreements and Memoranda of Understanding (hereinafter referred to as MOU) with overseas entities.
- (c) Provide opportunities for OUSL staff and students to collaborate and disseminate contribution globally.
- (d) Direct OUSL graduates to explore overseas career advancement.
- (e) Coordinate and promote international collaborative research activities and academic programmes.
- (f) Secure opportunities for OUSL staff to develop as internationally recognized researchers and teachers.
- (g) Assist OUSL staff to initiate and collaborate internationally significant research and other projects that contribute to development and the economy of Sri Lanka.

- (h) Provide necessary assistance to overseas students, teachers and other visitors during their stay at OUSL.
- (i) Promote OUSL programs overseas and forge partnerships.
- (j) Coordinate relations with key international government and non-government agencies, diplomatic missions in Sri Lanka and Sri Lankan missions overseas.

In achieving the above objectives, the IRU actively engaged in many activities during last four years from 2013 to 2017. The following are the brief summary of the activities in year 2017.

#### **Activities of IRU in the year 2017**

#### **MOUs signed by the OUSL**

S No	Name of the Institute	Country	Signed Year
01	Tamil University of Tamilnadu	India	2017
02	KIC InnoEnergy SE	Netherland	2017
03	American Institute of Lankan Studies	USA	2017
04	Woosong University	South Korea	2017
05	International Rice Research Institute	Philippines	2017
06	Leuven & Limburg University	Belgium	2017

# Organized and Conducted Distinguished Lectures in 2017 (All these lectures were live-streamed and the video could be viewed at the OUSL website):

	Distinguished Lecture Topic	Presenter	University
01	The meeting of so many nationalities with such earnestness of purpose	Professor Emerita Margaret Allen	University of Adelaide, South Australia
02	The Futures of Distance Education	Professor Ormond Simpson	University of London
03	Meeting of the minds: A psychological perspective on culture and international education	Dr. Brian Haas PhD	University of Georgia USA

0	4	Quality Assurance and Sustenance in	Professor	Srinivasa	Bharathidasan
		Higher Education Institutions (HEIs):	Rasgavan		University, Trichy,
		an overview			Tamil Nadu.

#### Overseas Workshops held at OUSL - Facilitated by IRU in 2017

	Name of the Workshop	Delegate	Affiliated Institution
01	National Workshop on Provincial OER	Provincial	Commonwealth of
	Policy Implementation (COL)	Secretaries of	Learning
		Education,	
		Provincial Director of	
		Education, Additional	
		Provincial Director of	
		Education, Assistant	
		Director of Education	
02	Workshop on Improving Learner	Prof. Ormand	University of London
	Support for Minimizing Dropouts	Simpson - UK	

## **Visiting Research Students - Facilitated by IRU in 2017**

	No. Students	Associated Overseas University	Country of Origin	Duration
01	01	University of Jena	Germany	1 Year
02	01	Brunel University	London	1 Year
03	04	UC of Leuven & Limburg	Belgium	6 months

# Asian Association of Open Universities Inter-University Staff Exchange Fellowship 2017

	Foreign Scholars Name	University		Duration
01	Prof. Santhi Ragahavan	Open Malaysia	University	1 month

# Discussions were initiated with the following universities for future Collaborations in 2017:

	Foreign University
01	Waikato University - New Zealand
02	Deakin University - Australia
03	Macquarie University - Australia
04	Charles Sturt University



National Workshop on Provincial OER Policy Implementation (COL)



Workshop on Improving Learner Support for Minimizing Dropouts by Prof. Ormand Simpson



Asian Association of Open Universities Inter-University Staff Exchange Fellowship 2017 – Prof. Santhi Ragahavan from Open University Malaysia



MOU signing with Tamil University, Tamilnadu



Distinguished Lecture by Prof. Brian Hass on the topic Point 'Meeting of the minds: A Psychological perspective on culture and International education'

## 6.8 Industry Liaison Centre (ILC)

During the year 2017 The Industry Liaison Center (ILC) continued to build linkages with the industry, actively protect the IP rights of university researchers as well as promote commercialization of university research.

The Center established an Operations Committee consisting of at least one representative from each department of the university to liaise with each department. Several meetings were held and input from representatives was incorporated into the work plan of the ILC.

Several field visits were organized for students to get an insight into the work life. ILC facilitated a visit to Siam City Cement (Former Holcim), Hydro Power Plant - Kothmale, Astron Lanka Rathmalana, Print care - Kelaniya, Rupavahini Corporation, Orion City, Eskimo Faction - Negombo, Coca cola, Piramal Glass - Horana, Yrishel Fabric - Thulhiriya and Wijaya newspaper - Hokandara. Through these visits, students were able to interrelate theories learnt in the classroom and the practice in the industry and to get inspiration on entrepreneurship. Students submitted a field visit report on their learning outcome.

ILC also organized several guest lectures. The Co-Founder of PickMe and Anything.lk, Mr. Fathhi Mohamend presented how PickMe converted three wheel drivers to entrepreneurs using a localised business model. A Coffee Meeting was arranged with Jacqueline Brown, on Web designing. Jacky shared her experience on what Customers are expecting on a website using a website she developed for Suppliers to Marks & Spencer

ILC and Department of Textile and Apparel Technology initiated discussions with the Industrial Technological Institute to support the banana fiber extraction in Ambilipitiya.

#### Links with International associations

ILC coordinated a meeting between delegates from Jangling Agricultural Hi-tech Industries and representatives from teh Department of Agricultural and Plantation Engineering. The objective of the meeting was to discuss possible collaborative projects between the two institutes.

#### **Social Entrepreneurship Training Program**

The ILC conducted a Social Entrepreneurship Training Program to inculcate a culture of Entrepreneurship among the staff and students of the OUSL. A batch of 52 students and staff members enrolled in the program. The training program also included a story telling course which trained the participants in making a impactful presentation using a structured methodology. The program culminated with a pitching event where 5 teams presented their start-up idea to a panel consisting of investors and industry leaders.

A discussion was also held with Prof Faiz Shah, Director Yunus Center at AIT at the Cinnamon Grand Hotel, Colombo. Discussions were held on possibilities in co-branding Social Entrepreneurship program with the Yunus Center.

#### IP protections and Commercialization of University Research

The ILC established an Intellectual Property Advisory Committee with the approval of the Board of Management of the ILC. The committee took the leadership in preparing an IP and Commercialization Policy for the Open University of Sri Lanka.

The ILC also conducted a workshop on "Patent Filling" to create awareness among teh staff members on how to prepare a patent application. There were 75 participants from national universities. Resource persons of the seminar were Ms. Dilini Rathnayake Assistant Director of Information & Examination, Patent and Industrial Designs Division of National Intellectual Property Office and Mr. Shantha Yapa, Chief Operating Officer, EPIC Research and Innovation Center.

The ILC started the commercialization of "Ornamental Orchids" using technology developed at the Department of Botany. A commercial porotype is being built and the ILC team is investigating the ideal environment for growth.





# 6.9 Centre for Educational Technology and Media (CETMe)



The Centre for Educational Technology and Media (CETMe) plays a pivotal role in the Open University of Sri Lanka (OUSL) in providing guidelines for designing self-instructional materials, designing and developing educational media and ensuring quality standards of the OUSL course materials. It is the service provider for all the five faculties to develop their courses and course material including online courses. So far, the Centre has won nine international awards for educational videos from Japan, Iran and UNDP.

The CETMe consists of two main units; Academic and Research Unit and Production Unit (Media House).

#### **Academic and Research Unit**

The Academic and Research Unit is responsible for

- the formulating guidelines and mechanisms for course design and development (print, audio-visual and online)
- conducting capacity building workshops for academic staff of the OUSL in writing selfinstructional materials,
- designing and developing audio-visual and online course facilitating and assisting the development of course material (print, audio-visual and online) administering and uploading of all online courses
- copyediting of OUSL course materials and other OUSL publications
- ensuring quality standards of the OUSL course material and
- carrying out Open and Distance Learning (ODL) research

# **Production Unit (Media House)**

The Production Unit (Media House) of the CETMe is equipped with a fully-fledged Digital Hi-Definition Television Studio, dubbing and audio studios, makeup rooms and a post-production unit. It also has an audio-visual library; collection of diverse video footage. The Graphic section of the CETMe is responsible for designing graphics and animations for both print and electronic media. Production Unit of the CETMe undertakes audio visual converges of all the academic and other important events of the OUSL. it also provides service at convocations and award ceremonies of the OUSL undertaking still photography coverage by itself.

The CETMe also offers short courses on course writing, online course design and development, online e-mentoring and tutoring and film and television production. Currently, it offers a fully online course for medical practitioners on old age psychiatry.

It also hires the television studio, other facilities and services as CERC projects.

CETMe developed 40 new online courses for faculties with the assistance of academics.

Accordingly, **462** online courses have been developed during the years 2014 to 2017. Another 64 new courses are being developed by OUSL academics with the assistance of the CETMe. The LMS of the OUSL to develop online courses until recently was Moodle 1.9, which did not support many new supporting software. Therefore, CETMe during the year 2017, converted the existing courses from Moodle 1.9 to the latest version of Moodle, which supports modern software for attributes. Accordingly, 297 courses were converted from Moodle version 1.9 to new version 3.3.

The problems of bulk uploading of students to new Moodle courses and back end issues like colour fonts were resolved with the assistance of an external consultant.

CETMe conducted two workshops on "How to improve on camera productions" for academics during the year 2017.

On the request made by the Commonwealth of Learning (COL), the CETMe developed twelve (12), ten minutes videos as a video course on "productions of educational videos using available simple equipment". This was tested by COL in Fiji and Ghana and reported to be a great success. It is now planned to develop these as MOOC by COL in collaboration with the OUSL.

# **Future Plans:**

- Plans to launch the Diploma programme on Cine and Video production according to SLQF guidelines during the year 2018.
- Plans to establish a YOU Tube channel for OUSL to upload educational resources.
- Expedite the process of developing online courses for all the courses offered under all undergraduate programme as decided by the Senate two years back.



As CRADE committee starts meeting regularly from January 2018, the University would be able to bring back the culture of getting the academics to involve in institutional research in a more organized manner.

The University is also taking steps to enhance access to e-journals, e-books and other online materials. The funds allocated to library for the year 2018 has been almost doubled to Rs. 20 million.

A new Committee on Advancement of Online Learning (CAOL) has been constituted to provide necessary support for development and management of the online courses.

From 2018, the support provided for staff to present papers in international conferences will be enhanced, with either up to Rs. 150,000/= once a year or up to Rs. 300,000/- once in two years with the provision of a grant of Rs. 300,000/= every year for those who publish papers in indexed journals in the current or previous year.

It is proposed to establish a solar energy system during the year 2018 to fulfil the energy requirements of the University.

During the course of 2018, the University would be able to develop a formal mechanism at the University level to provide enhanced learner support to our students across the island so as to improve performances and increase completion rates.

During the course of 2018, plans are also in place to offer a degree in Library and Information Sciences through the separate Unit that has already been established within the Faculty of Humanities & Social Sciences. Similarly the Faculty of Engineering Technology plans to launch a degree programme in Quantity Surveying through a Unit that would be established within the Faculty.

While the Faculty of Education plans to establish a new Department in Education Leadership, the Department of Management Studies has already applied for upgrading into a separate Faculty. The University is also applying to establish a new department for English Language Teaching in the Faculty of HSS.

In the year 2018 it would be able to arrive at a formal arrangement with the Department of Prisons to offer OUSL programmes to prison inmates as part of their rehabilitation programme.

Measures will be taken to extend fellowships to academics from outside the AAOU membership so that departments would be able to benefit from bringing down international scholars to the University to enhance OUSL programmes and research activities.

Expecting the UGC to take several important steps to enhance the quality of the programmes and learner activities provided to students.

In 2018, University is planning to introduce further enhancements to the OMIS. Accordingly, in one of the initiatives, the students would be allowed to re-register online, on their own, without the need to come to the University. Other enhancements planned include allowing the students to receive their admission cards and the result sheets through the MyOUSL portal.

As per the Government requirements, the University will be introducing finger-scanning machines to register the attendance of all relevant staff, including temporary, contract and visiting staff. The HRM software will shortly be upgraded and enhanced features would be made available. Steps will be taken to provide wi-fi facilities within the University in planned phases for both the staff and students.

Public Information Division will be coming out with a monthly e-newsletter carrying news and notices relevant to all stakeholders.

In 2018 the University is looking at the possibility of installing a new integrated communication solution to the entire University and regional and study centres. Currently it is in negotiation with Sri Lanka Telcom and Mobitel. Through this system, it is hoped to increase telephone connections and provide telephones to all the relevant staff thereby fulfil the communication needs of our stakeholders.

It is expected to have formal societies in arts and culture to be established in the University to enhance and showcase the aesthetic skills of the students.

With the intervention of the Chief Student Counsellor and the Departmental Student Counsellors, the University is in the process of establishing ant-ragging squads within the University to combat the menace of ragging in the University.

# **Part 8 - Finances**

# **Recurrent Expenditure:**

	Subject	2016 in LKR	2017 in LKR
a.	Personal emoluments	1,369,088,721	1,503,377,232
b.	Travelling	6,185,528	8,730,050
C.	Supplies	44,272,536	46,532,248
d.	Maintenance	36,025,015	53,559,716
e.	Contractual services	280,528,085	342,022,001
f.	Other	216,289,772	275,600,005
	Total	1,952,389,657	2,229,821,252

# **Capital Expenditure:**

	Subject	2016 in LKR	2017 in LKR
a.	Acquisition of furniture & other Office Equipment	102,654,279	148,905,806
b.	Acquisition of Machineries	10,902,662	7,126,108
c.	Acquisition of Building & Structures	88,961,379	55,869,211
d.	Other (Library Books, Cloaks and Motor Vehicles)	14,833,146	14,128,638
	Total	217,351,466	226,029,763

# Projects (Local/Foreign Funded):

# **Infrastructure Development**

Contract to renovate and convert part of the old TRF building to be the Main Stores of the University has already been awarded.

Over the last few years, Examination Halls and Class Rooms have been renovated to provide more conducive academic environment in the Main Campus and Regional and Study Centres.

With reference to other infrastructure requirements, over the year the University has taken steps to settle all the perennial problems pertaining to lack of educational aids, such as computers, multimedia projectors, and laboratory equipment so that the staff in the Main Campus and the Centres so that they will be able to concentre with their administrative, academic and research activities without any hindrance.

# Details of Projects (Local / Foreign Funded)

Name	& Details	Loan /Grant	Funding Agency	TCE (Rs.)	RFA (Rs.)	DF (Rs.)
1.	Collaborative Open Educational Resources (OER) Course Development for ICT Skill		Commonwealth of Learning	1,008,467	-	-
2.	Professional Development Programme to Cater for the Diverse Learning Needs of 21st Century Learner		Commonwealth of Learning	2,070,060	,	-
3.	eLearning Course Development- Instructional Video Production for Teaching and Learning		Commonwealth of Learning	1,565,751	-	-
4.	Design, Development, Implementation and Evaluation of a Massive Open Online Course for Continuous Professional Development (CPD MOOC) for Educators on "Adoption of Open Educational Resources (OER) and Open Educational Practices (OEP): A Design-based Capacity Development Initiative"		Commonwealth of Learning	1,432,410	-	-
5.	National Workshop on Provincial OER Policy Implementation		Commonwealth of Learning	69,297	-	-
6	World Health Day 2017 Activities		World Health Organization	62,000	-	-
7	E-Library Automation Project		Ministry of Provincial Councils and Local Government of Sri Lanka	15,000,000	-	15,000,000
8	Offering Short Course on Research Methodology for Teacher Educators in Collaborative with the Ministry of Education.		Ministry of Education, RI Lanka	1,250,000	-	1,250,000
9	Develop & Produce Online Lessons (Online Module Development Project)		QIG-HETC	1,800,000	1,800,000	-
10	Conducted Research on "The Achievement Level of the Sri Lankan Primary School Students"		UNICEF	1,791,350	-	-
11	Funds for Gender Equity		UGC	77,000	-	77,000

12	Short Course in Listening & Speech Separately in Sinhala & English (for two groups) of stenographers employed in the courts.	USA	AID	100,000	100,000	-
13	Curriculum Development of Short Term Training Package for Trainers of ECD Teacher Trainers and ECD Teachers, under the ECD Project of the Government of Sri Lanka.	Wo	nistry of omen & Child airs	956,500	-	956,500
14	Implementing Information Technology for University Entrants (ITUE) Course.	UG	С	963,680	-	963,680
15	Research on Open Educational Resources for Development.	Uni	wasan Open iversity, laysia	6,651,599	-	-
16	Women Empowerment to Promote Mobile Learning among Rural Women Farming Community.		mmonwealth Learning	1,423,246	-	-
17	Capacity Building of Export Agriculture Extension Officers in Usage of ICT in Agriculture Extension in Sri Lanka.		mmonwealth Learning	600,000	-	-

# Details of Projects Expenditure (Local/ Foreign Funded):

	Name & Details	TCE Rs.	Exp. In 2015	Exp. In 2016	Cumulative Exp. as at 31.12.2017	% of Physical Progress
1.	Collaborative Open Educational Resources (OER) Course Development for ICT Skill.	1,008,467		170,141	906,071	89.85%
2.	Professional Development Programme to Cater for the Diverse Learning Needs of 21st Century Learner. (Funds Received in year 2016).	2,070,060	-	-	-	0.00%
3.	eLearning Course Development- Instructional Video Production for Teaching and Learning. (Funds Received in year 2017)	1,565,751	-	-	-	0.00%
4.	Design, Development, Implementation and Evaluation of a Massive Open Online Course for Continuous Professional Development (CPD MOOC) for Educators on "Adoption of Open Educational Resources (OER) and Open Educational Practices (OEP): A Design- based Capacity Development Initiative".	1,432,410	-	-	415,371	29.00%
5.	National Workshop on Provincial OER Policy Implementation.	69,297	-	-	69,297	
6	World Health Day 2017 Activities.	62,000	-	-	62,000	100.00%
7	E-Library Automation Project.	15,000,000	-	-	8,181,293	54.54%
8	Offering Short Course on Research Methodology for Teacher Educators in Collaborative with the Ministry of Education.	1,250,000	-	-	248,520	19.88%
9	Develop & Produce Online Lessons (Online Module Development Project)	1,800,000	677,350	114,910	1,075,890	59.77%
10	Conducted Research on " The Achievement Level of the Sri Lankan Primary School Students".	1,791,350			1,201,000	67.04%
11	Funds for Gender Equity	77,000	-	-	6,640	8.62%

12	Short Course in Listening & Speech Separately in Sinhala & English (for two groups) of stenographers employed in the courts.	100,000	-	-	100,000	100.00%
13	Curriculum Development of Short Term Training Package for Trainers of ECD Teacher Trainers and ECD Teachers, under the Early Childhood Development Project of the Government of Sri Lanka.	956,500	1	-	128,598	13.44%
14	Implementing Information Technology for University Entrants (ITUE) Course.	963,680		-	963,680	100.00%
15	Research on Open Educational Resources for Development.	6,651,599	2,795,972	3,757,21 7	6,651,599	100.00%
16	Curriculum Development on short term Training for Preschool Teachers/Child Development Officers- Early Childhood Development Project (Funds Received on September 2016).	956,000	-	-	128,598	13.45%
17	Women Empowerment to Promote Mobile Learning among Rural Women Farming Community.	1,423,246	162,130	-	821,277	57.70%
18	Capacity Building of Export Agriculture Extension Officers in Usage of ICT in Agriculture Extension in Sri Lanka.	600,000	-	-	475,824	79.30%

# Details of Financial Progress (Expenditure):

	Subject	Provision in 2017 (Rs.)	Exp. in 2017 (Rs.)	Savings/ Excess (Rs.)
a.	Recurrent except Project	2,196,575,000	2,640,036,879	
b.	Capital except Project	234,680,000	200,063,405	
C.	Project – Local funded	-	-	
d.	Project foreign funded	-	-	
	Total	2,431,255,000	2,840,100,284	

# Details of Financial Progress (Generated Income):

	Source of Revenue	Provision in 2017 (Rs.)	Collection in 2017 (Rs.)	Deficit/ Surplus (Rs.)
a.	Undergraduate Studies	561,825,800	761,291,826	
b.	Postgraduate Studies	281,090,300	380,645,913	
c.	Consultancies	-	-	
d.	Other	44,083,900	59,289,404	
Total		887,000,000	1,201,227,143	

# Financial Performance Analysis - 2017:

	Subject	Formula	Exp. Per Student (Rs.)
a.	Recurrent Expenditure per Student	Recurrent Expenditure /No of students	67,038
b.	Capital Expenditure per Student	Capital Expenditure /No of students	5,080
c.	Other		

# **Details of Infrastructure Facilities Received in 2017:**

Infrastructure Details	Expenditure (Rs.)	Physical Progress
Four storied building - Jaffna Regional Centre	817,893	Work-in-progress

Part – 9 Any Other Details/ Performance Relevant to this Report

# **Auditor General's Report**



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தேசிய கணக்காய்வு அலுவலகம் NATIONAL AUDIT OFFICE



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October 2017

Vice Chancellor Open University

Report of the Auditor General on the Financial Statements of Open University of Sri Lanka for the year ended 31 December 2017 in terms of Section 108 (1) Sub - section of the Open University Act, No. 16 of 1978

The audit of financial statements of the Open University of Sri Lanka for the year ended 31 December 2017 comprising the statement of financial position as at 31 December 2017 and the statement of financial performance, statement of changes in equity and cash flow statement for the year then ended and a summary of significant accounting policies and other explanatory information, was carried out under my direction in pursuance of provisions in Article 154 (1) of the Constitution of the Democratic Socialist Republic of Sri Lanka read in conjunction with Sub-section 107 (5) of the Universities Act, No. 16 of 1978. My comments and observations which I consider should be published with the Annual Report of the University in terms of Sub-section 108 (1) of the Universities Act appear in this report.

# 1.2 Management's Responsibility for the Financial Statements

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



#### 1.3 Auditor's Responsibility

My responsibility is to express an opinion on these financial statements based on my audit. I conducted my audit in accordance with Sri Lanka Auditing Standards consistent with International Auditing Standards of Supreme Audit Institutions (ISSAI 1000-1810). Those Standards require that I comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the University's preparation and fair presentation of the financial statements 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 University's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of financial statements.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

#### 1.4 Basis for Qualified Opinion

My opinion is qualified, based on the matters described in Paragraph 2.2 of this report.



#### 2. Financial Statements

### 2.1 Qualified Opinion

In my opinion, except for the effects of the matters described in Paragraph 2.2 of this report, the financial statements give a true and fair view of the financial position of the Open university of Sri Lanka as at 31 December 2017 and its financial performance and cash flows for the year then ended in accordance with Sri Lanka Public Sector Accounting Standards.

#### 2. 2 Comments on Financial Statements

#### 2.2.1 Sri Lanka Public Sector Accounting Standards

The following observations are made.

#### (a) Sri Lanka Public Sector Accounting Standard 01

- (i) Even though the current and non-current liabilities should be presented as separate clarification on the face of its financial statements of the Paragraph of the Standard, the provision for gratuity had not been so categorized.
- (ii) In terms of Paragraph 48 of the Standard, revenue and expenses should not be set off unless required or permitted by the Accounting Standard. Nevertheless, the revenue received totalled to Rs.7,752,150 from taking photographs at General Convocation and video coverage and Research Methodology Course and the total of those expenses amounted to Rs. 2,658,283 had been set off each other and net value in the financial statements amounted to Rs. 5,093,867 had been taken in to accounts.



### (b) Sri Lanka Public Sector Accounting Standard 67

- (i) Even though it had been approved by the Board of Directors that the assets of the University would be revalued once in every 5 years, that had not been disclosed in the financial statements and as a result of the assets not revalued during the due period the fair value of the properly plant and equipment cost at Rs.8,710,099,611 had not been appeared in the financial statements.
- (ii) The fixed assets totally depreciated as at 31 December 2017 cost at Rs. 678,909,611 had been shown in the financial statements and in terms of Paragraph 65, reviewing again the useful life time period of the assets further being used and actions had not been taken to revise the estimated error occurred accordingly in terms of Sri Lanka Public Sector Accounting Standard 03.

#### (c) Sri Lanka Public Sector Accounting Standard 10

Even though the revenue should be recognized considering the reference to the stage of completion of the transactions at the reporting date whilst the outcome of the transactions involving the rendering of the service can be estimated reliably in terms of Paragraph 19 and 20 of the Standard, a sum of Rs.7,751,070 received as short term course fee completed that requirement in the year under reviewer had not been identified as an income related to the year under review.



# 2.2.2. Accounting Policies

The following observations are made.

- (a) Even though it had been approved by the Board of Directors that the below mentioned accounting policies are being followed whilst the value of lands brought to account, disclosures of those policies and following those policies continuously had not been carried out.
  - (i) Even though the accounting policy of the University was the disclosure of the possessing lands by only in a Notes to the financial statements under operational lessing method, without being performed according to that with regard to the land holding the academic center in Gampaha obtained for 30 years lesse basis, the estimated value of that amounted to Rs. 42,000,000 it had been brought to account under the land in the financial statements.
  - (ii) Even though the legal ownership of the certain land was not available, if the possessing of that is belonged to the University for more than a 10 years period and if the University had constructed buildings in that land, accounting of the revaluation amount of that was the policy of the University. Nevertheless, actions had not been taken to bring into accounts the lands exceeding 10 years and the buildings constructed obtained on lease basis located at Anuradapura, Kegalle, Ampera, Ambalangoda.

### 2.2.3. Accounting Deficiencies

The following observations are made.

(a) The expenses in capital nature totalled to Rs. 15,674,697 had been taken in to accounts as recurrent expenditures incurred for a the renovation of the library



- building and attaching power cables amounted to Rs. 2,529,788 and Rs. 3,892,698 respectively and a sum of Rs. 9,252,215 incurred for the partition of the offices.
- (b) As the non-calculation of the cost of 19,582 books whilst the calculation of the year end stock in hand of the Central Books Dispatch Unit, the stock value of those books in the financial statements had been understated an equal amount to the cost of those book.
- (c) Instead of brought in to account as an advance in the financial statements, a sum of Rs. 443,750 paid as 25 per cent from the valuation amount for acquire a land in Rathnapura on 09 august 2011 due to brought in to account as an expenditure, the current liabilities had been understated by Rs. 443,750.
- (d) Building rent for the year 2018 amounting to Rs.342,168 had been brought to account as an expenditure of the year under review.
- (e) A sum of Rs. 3,401,070 received for still photography and video covering of the Convocation in the year under review and a sum of Rs. 248,520 received from the Research Methodology Course as totalled to Rs. 3,649,590 had not been taken into accounts as revenue relating to the year under review.

### 2.2.4 Unreconciled Control Accounts

Differences amounted to Rs. 47,770,990 and Rs. 41,245,622 respectively had been in opening and closing balances between the stock balance relating to the Central Books Dispatch Unit and the stock balance in ledger accounts in the year under review according to the financial statements.



#### 2.2.5 Lack of Evidence for Audit

The following observations are made.

- (a) The information with regard to the conducting lectures on weekdays and week ends in of 08 Regional and Study Centers had not been furnished to sudit. (Anuradhapura, Jaffna, Vauniya, Trincomalee, Polonnaruwa, Kuliyapitiya and Puttlam).
- (b) Even if it had been assessed the lands belonging to Nawala premises and 18 land plots of Regional Study Centers for Rs. 4,427,100,000, details with regard to the overall value such as the method of those values consisted or value of a perches and the number of perches had not been furnished to audit.

#### 2.3 Accounts Receivable and Payable

The following observation are made.

- (a) Out of the receivables from 14 academic and non- academic officers who had violated the Bond Agreements totalled to Rs. 48,085,752 any money had not been recovered even by the year under review from the year 1988 to the year 2000. Similarly, out of the total engagement value totalled to Rs. 29,860,739 only a sum of Rs. 20,699,396 had been recovered from another 14 academic and nonacademic officers who had violated the bond agreements.
- (b) The balance of the staff loan not recovered as at 31 December 2017 from the 51 of the staff was Rs. 1,806,518 and within that a sum of Rs. 1,613,208 recoverable from 47 of the staff who had resigned the institute, a sum of Rs. 193,310 receivable from of officers who had obtained no pay leave in contrary to the terms of the Establishment Code were also existed. Sufficient steps had not been taken in respect of recovering the relevant loan balances.



(c) A sum of Rs. 6,829,000 had been shown as differed short term income under the current liabilities as at 31 December 2017 and out of that the revenue relevant to the year under review had not been identified and taken in to revenue and only a sum of Rs. 1,868,100 had been identified even by 30 June 2018 as at the date of nudit.

# 2.4 Non - compliance with Laws, Rules and Regulations

The instances of non - compliance with Lows, Rules, Regulations observed in audit are appear below.

#### Reference to Lows, Rules and Regulation

Non Compliance

- (a) Financial Regulation of the Democratic Socialist Republic of Sri Lanka.
  - (i) Financial Regulation 751 (1)

The stock books had not been maintained in Divisional Study Centers in respect of the course books and study materials issued from the Head Office.

(ii) Financial Regulation 772 and 773 Even though besides the metal goods the other goods which were incorrectly stated should be excluded performing a better treatment, according to the Annual Board of Surveys conducted in Regional and Study Centres actions had not been taken to remove or repair of the goods such identified.



(b) Public Finance Circular No. 3/ 2015 of 14 July 2015 Even though the ad-hoc sub imprest should be settled as soon as the job completed, the 11 advances valued at Rs. 133,584 obtained during the year had not been settled as such.

- (e) Establishment Code for the Universities and Higher Education Institutes
  - (i) Section 3.1 of Paragraph XX

A Register of Attendance had not been maintained for the officers of the Academic Section of the University

(ii) Section 3.2 and 3.3 of the Paragraph XXVI Even though the restoration value should be recovered from the responsible persons identifying and stipulating for related shortages, losses and damages after investigations in respect of the misplaced fixed assets identified at the Board of Survey Examination, it had not been so done.

(iii) Section 3.3 of Interim Act 2014 relating to the Consultancy Service and Exercis Resources.

Even though a report in respect of the progress of the each courses should be furnished to Consultancy Service and External Resources Committee, the progress reports of the year under review had not been so furnished.



#### 3. Financial Review

#### 3.1 Financial Results

According to the financial statements presented, the financial results of the University for the year ended 31 December 2017 amounted to a surplus of Rs. 125,553,169 as against the deficit of Rs. 164,821,885 or the preceding year, thus indicating a improvement of Rs. 290,375,054 in the financial result for the year under review as compared with the preceding year. Even though educational services expenses had increased by Rs. 199,394,011 in the year under review as compared to the preceding year the increase of the Government grant by Rs. 112,575,000 and the students income by Rs. 388,412,366 had been the main reasons for the above improvement.

In analyzing of the financial results for the year under review and the 4 preceding years indicated that even though there was a generation of surplus in the year 2013 to the year 2014 a deficit had occurred in the years 2015 and 2016 and in had been a surplus in the year under review again. However, it was observed that after the adjustment of the employees remuneration, the depreciation on non-current assets and the taxes paid to the Government, the contribution of the Institution amounted to Rs. 1,457,733,184 in the year 2013 had been improved up to Rs. 1,939,037,275 ,at the end of the year under review with variances.

### Operating Review

#### 4.1 Performance

#### 4.1.1 Planning

Even though the Corporate Plan and the Action Plan had been prepared and furnished to sudit, the attention of the higher management had not been drawn in respect of achieving the overall objectives of the University using the relevant plans. Further, even though the



Corporate Plan had been prepared for 04 years, in terms of Section 5.1.3 of the Public Enterprises Circular No. PED/ 12 of 02 June 2003, actions had not been taken to update that

### 4.1.2 Activities and Review

The following observations are made.

- (a) Although It had been performed as per the other Universities whilst the recruitment of lecturers to the University and providing other benefits, as the most of the lectures of the Open University were conducted in weekends the additional payments had to be made for the lectures in addition to the salaries and wages. As per the sample audit test checks conducted, the number of lecture hours carried out during the weekends in 15 Centers in the years 2016/2017 of the University were 10,776 and the number of lecture hours performed in the weekends were 29,320. Accordingly, 73 per cent out of total lecture hours had been conducted during the weekends and the number of lecture hours conducted during the week days was 26 per cent.
- (b) Although according to the Code of Study (Norms) the University, all the courses should be revised again and updated once in a 4 years normally, such course revisions had not been carried out in respect of many courses of the University and the delayed period had been at a higher range from 2 years to 24 years. However, the course revisions had been made by the external parties and a sum of Rs.736,465 had been paid for that in the year 2017 and it was observed that the occupying in the activities such as course revisions and conducting lectures by the academic staff had been at a very low level.
- (c) The Distance Education Modernization Project had been implemented by the Ministry of Higher Education on loan basis valued at Rs. 9,000 million received from Asian Development Bank focusing the Open University and the National



Online Distance Education Service had been established in the year 2010 to continue the activities of the Project. The administrative activities of the Project had been handed over to the University by 01 March 2015 and the following matters were observed with regard to that.

- (i) Four Deputy Directors including 61 Computer knowledgeable officers had been employed in this Project by 01 March 2015 assigning the administrative activities of the Project to the Open University. Nevertheless, as the actions had not been taken to recruit the staff to the Open University as per the instructions of the Ministry, 30 officers including 03 Deputy Directors assigned to this Project had resigned from the Institution.
- (ii) Even though a sum of Rs. 100,757,839 had been earned from the years 2011 to the years 2013 by this Project through providing the service facilities to the external parties using technical facilities, after handing over the Project to the Open University ruled out from the control of the Ministry, the total income had been drastically decreased to Rs.7,137,587 from the year 2014 to the year 2016 and any income had not been reported in the year 2017.

There was no evidence as any audio visual conference course had been conducted by the Project in the year under review and the Vice Chancellor had informed as the answers to the audit reports that outdated technical equipment and though the Ministry had agreed to provide financial provisions for the repair of them but actions not taken to provide that allocation was a main reason affected to the failure of the related Project.

(iv) Through this Project which was established incurring a huge amount expenditure focusing the Open University, it could have been able to get a significant contribution in respect of providing the Distance Education the primary objective of the Institution thereof, using Modernized Technology, Nevertheless.



the sufficient attention of the Higher Management had not been drawn for carrying on this Project successfully.

- (d) A sum of Rs. 18 million had received during the period of 2011 2016 to implement the Higher Education for Twenty First Century (HETC) Project of Open University implemented from the Ministry of Higher Education with the objective of broadened the capacity of the Higher Education in Sri Lanka and providing a quality educational service matched to the country and the following observation are made with regard to that.
  - (i) The basic coarses introduced (Start@OUSL) under the University Development Grant Funds was a compulsory to all the students who are following the Degrees of the University. Nevertheless, the compulsory subjects of the each Degree Courses had been decided by the Senate of the University with the recommendations of the Faculty Boards. Accordingly, even though the knowledge with regard to all the subjects of the basic course was significant, due to not offering the opportunity to follow all the subjects, the achievement of the expected objective had been minimized.
  - (ii) Even though 5,000 Hand Books had been printed incurring a sum of Rs. 2,175,000 to enhance the soft skills using the Development Grant Funds of the University, as this course was not made compulsory to all the student, the number of students who had followed the course were less than 2,000. Because of that, 3,052 Books valued at Rs.1,327,620 had remained at the Central Books Dispatch Unit even by the end of the year under review.
  - (iii) Even though a sum of Rs. 1,800,000 had been provided under the Quality and Innovation Grant for the preparation of 18 multimedia courses and 09 online courses under the restructuring of the Arts Degree offered by the Sociology Study Division of the University during the period of 09 months



from the March 2014, the relevant activity had not been completed during the Project period.

(iv) It had been planned by the related project to produce audio visual teaching aids by the media house of the University (CETMe) and to provide the opportunity to watch those teaching aids to the students under the Digital Library Facility through the internet. Accordingly, even though nearly 52 audio visual teaching aids had been produced, action had not been taken to provide that Digital Library Facility through servers valued at Rs.1,949,688 provided by the Project.

#### 4.2 Management Activities

The following observations are made.

- (a) It had been entered in to an agreement with a private company for the completion of 16 enhancements in the Management Information System amounted to Rs.6,590,875 in the year under review and a sum of Rs. 3,298,437 had been paid on 68 August 2017 to that Company as advances. Even though these activities should be completed by the February 2018 only one enhancement cost at Rs.156,250 had been completed by the 28 May 2018 and the attention of the management in respect of these delays had not been drawn and charging of fines also had not been made in terms of the agreement.
- (b) Even though a sum of Rs. 4.5 million had been paid continuously to a private Company per annum for the maintenance of the Management Information System, it was observed that the Company had impossible to provide an accuracy and efficient service through the information system. Similarly, it was observed that a proper control had not been made with regard to that and relevant payments were done without evaluation of the service.



- (c) The following observations are made in respect of the lands obtained for the use of the Institution.
  - (i) Out of 29 land plots in extent 75 acres being maintained the Regional and Study Centers of the University, the legal ownership of the lands had been taken only for 07 land plots in extent 53 acres to the University. Adequate actions had not been taken by the higher management to acquire the ownership of 22 plots of lands in extent 22 acres to the University. Further, even though it had been elapsed a time period ranged between 08 years to 30 after handing over the ownership of the lands to the University in extent of 18 acres being used by the University within the areas of Matara, Kandy, Kalutara and Kegalle, the Deeds of Right had not been obtained even by the year under review.
  - (ii) The land in extent 17 perches where the Ampara Study Center is being maintained had been obtained on lease basis for a period of 30 years from 24 September 2004 and though a sum of Rs. 203,000 had been paid as lease rent up to the year under review from the year 2004 for that, it had not been entered into a proper lease agreement.
  - (iii) Even though a sum of Rs. 100,000 on 20 March 2013 and a sam of Rs. 443,750 on 09 August 2011 respectively had been paid as 25 per cent from the estimated value of that to the Divisional Secretariat Offices to acquire the land in extent of 03 acres at Badulupitiya in Badulla and the Ratnapura land 62 perches in extent to acquire to the University, the ownership of the lands therein had not been obtained even by the 31 December 2017. However, the Vice Chancellor had informed to the audit that as it was informed that the alienating of the Badulupitiya land to the University was impossible and therefore a request had been made from the



Divisional Secretariat, Badulla for the money paid to be sent back to the University,

- (d) Actions had not been taken to credit a considerable percentage to the University Fund from the revenue received from the short term course and post graduate Degree Courses conducted though the Education Program for Self Financing (C-Sap).
- (e) Even though a new module had been established on 01 November 2014 due to the defects in the old module (Libsys) existed in the library, a Board of Survey had not been conducted with regard to the books remained as at the date. Accordingly, it could not be able to confirm the accuracy of the information of the new module prepared based on the information of the old module which had defects due to not conducting the Board of Surveys regarding the books for more than a ten years period. Similarly, it was revealed in field audit examination that 18 Libraries of the Study Centers had been closed without being used.
- (f) As the computer software system had not been updated to be able to identify the course books remained for a certain specific date accurately in the new computer software system installed during the year 2016 in the Central Books Dispatch Unit of the Open University, a shortage of 28,748 books valued at Rs. 5,193,446 and a surplus of 30,580 books valued at Rs. 4,794,294 had been appeared in accordance with the physical stock balance and the balance as per the software system as at 31 December 2017.
- (g) Even though a number of 2,830 books valued at Rs. 424,500 remained in the software system of the Central Books Dispatch Unit had been issued at the occasion of conducting the Annual Board of Survey to related sections physically, those stock had not been removed from the computer system of the Central Books Dispatch Unit.



(b) As the books were printed without identifying the printing requirement accurately, a number of 103,868 books had been removed by the year 2015 and the number of books unusable at the audit examination as at 08 March 2017 was 39,007. Similarly, a list of books to be removed was being prepared considering as outdated book list by the various Faculties and Study Divisions by the end of the year under review. It had been identified a number of 66,816 books cost at Rs. 11,426,630 as outdated books by 06 June 2018 as at the date of audit.

### 4.5 Underutilization of Funds

The underutilized balance remained with regard to the 40 various funds as at the end of the year under review was Rs. 24,293,376 and out of that a sum of Rs. 7,810,535 remained in 12 funds had not been utilized for 10 years period.

#### 4.6 Idle and Underutilized Assets

The following observations are made.

- (a) Although the Generators had been provided to be able to use at the occasions of the power failure in Regional and Study Centers, nevertheless those were not functioned and lack of adequate capacity, had not been used. The attention of the management had not been drawn to repair those machines and providing the generators in adequate capacity to carry on the activities of the relevant Centers efficiently.
- (b) A large number of dommant assets were available due to the existence of the dommant assets at the occulting of handing over the National Online Distance Education Project and not performing the maintenance works properly. Nevertheless, actions had not been taken to make them to be used being repaired.



(c) As per the documents in the Press, the total cost was Rs. 66,499,117.50 during the year 2017 and the number of pages printed were Rs. 48,654,337. Accordingly, the average expenditure for a page had been Rs. 1.36. The above voalculation had been had been made without including any cost for lease rent and the royalty for the relevant building, if it was also included, the cost of a page would be continued to rise. Being incurred an extra cost such as employee overtime due to the delays in printing orders had attributed to the increase in printing cost.

# 5. Sustainable Development

### 5.1 Achievement of Sustainable Development objectives and Goals.

Every public institution should act in compliance with the Letter No. NP/ SP/ SDG/ 17 of 14 August 2017 Issued by the Secretary to the National Policy and Economic Affairs United Nations Sustainable "Agenda for the year 2030" for the Sustainable Development and the Open University of Sri Lanka had been aware as to how to take measures relating to the activities under purview of their scope and the Sustainable Development Objectives and Goals relating to the year under review.

Nevertheless, even though the activities related to Action Plan and Corporate Plan had been consisted in for achieving those objectives, it was confirmed through the performance reports that the progress of achieving of related activities was at a minimum level.

# 6 Accountability and Good Governance

#### 6.1 Internal Audit

Forty Internal Audit Queries had been issued during the past 04 years period and out of that the replies were received only for 05 queries by the 24 August 2018 the date of audit.



Accordingly, the attention of the management had not been drawn in respect of carrying out the internal audit of the University in terms of the Financial Regulation 133 and 134 and as per the Circulars issued by the Department of Management Audit.

6.2	Procurement and Contract Process
6.2.1	Procurement

The following observations are made.

- (a) Our of the 20 projects which had been planned to be commenced by the 01 March 2017 amounted to Rs.1,851 million as per the Procurement Plan the procurement activities of 17 projects assessed cost at Rs. 1,374 million had not been commenced even by the February 2018.
- (b) A sum of Rs. 169.05 million had been approved on 14 November 2016 for the construction of library building. Accordingly, even though it had been informed as per the letter of the Chairman of the University Grant Commission as the construction should be completed by selecting a contractor calling National Competitive bids within 12 month from the above date, the construction works had not been handed over to the selected contractors by preparing relevant plans and calling quotations even by the February 2018.
- (e) A period of 05 months had been spent from May 2017 to September 2017 to select a studio to take photographs of the Convocation 2016. Limited quotation had been called firstly for the relevant procurement and two paper advertisements had been published in two times incurring Rs. 169,146 to create an open competition later on. Nevertheless, due to the time delay the relevant activity was accomplished by paying Rs. 178,000 to the University staff for achieving the relevant work during the due period and the expenditure incurred for publishing paper advertisement had become a useless expenditure.



- (d) The following matters were observed with regard to the renovation contract of the Library Building estimated to a cost at Rs. 3,431,305.
  - (i) When the evaluation of Bids in terms of the Paragraph 7.9.11 (a) of the Government Procurement Guideline if a bidder has quoted unrealistically low rates on critical or very important items and if the TEC is of the view that hence the bidder would fail in the performance of his obligations within the quoted rates in terms of the Paragraph 7.9.11 (b) such Bid may be rejected. Nevertheless, without taking actions according to these terms and considering the low rates it had been recommended to award the contract.
  - (ii) If there are some doubts about the contractor's ability to procure such Works as per the quoted rates presented by a certain Bidder, a higher performance security may be requested to mitigate such risks in terms of the Paragraph 7.9.11 (d), it had not been performed according to so said terms in respect of the contract.
  - (iii) In terms of the agreement, the date of commencement of the contract was 10 July 2017 and the contract should be completed within 12 weeks from that date or by 12. October 2017 the selected contractor had stopped the contract was halted without completion of 03 very important works. Similarly, the Performance Bond amounted to Rs. 171,565 had expired on 10 November 2017 and due to the actions not taken to extend that, the losses had also been impossible to recover.
  - (e) As per the contract agreement of fixing power cables in Library Building again the estimated cost at Rs. 4,494,118 thereof, even though the contract should be completed during 60 days from the 30 May 2016 the related work had not been completed even by the 05 May 2018 and actions had not been taken to extend



the contract period. Further, even though the validity period was over by the 16 September 2016 actions had not been taken to extend that Performance Bond amounted to Rs. 224,705.

#### 6.2.2 Deficiencies in Contract Administration

It had been entered in to an agreement with a private company on 23 February 2015 for the construction of a solar power fixing project cost at Rs. 45 million for the University and as the contract was awarded without examining the prior qualifications properly in terms of Paragraph 3.12.2 of Procurement Guideline, the related project had been failure. Nevertheless, it was impossible to confirm in audit that whether the attention was drawn in order to an alternative program to achieve the expected objective though the relevant project.

#### 6.3 Budgetary Control

As significant variance from 40 per cent to 1,356 per cent had been in budgeted income and expenditure while comparing with actual income and expenditure balances, thus indicating that the budget had not been made use of as an effective instrument of financial control, were observed

#### 6.4 Unresolved Audit Paragraphs.

The deficiencies pointed out by the audit report in respect of not performing the revaluation carried out at last as at 31 December 2012 properly. It had not been corrected even by the date of this report.



### 7. System and Controls

Deficiencies in the systems and controls observed during the course of audit were brought to the notice of the Vice Chancellor of the University from time to time. Special attention is needed in respect of the following areas of control.

	Areas of System and Control	Observations
(a)	Internal Audit	Existence of frequent deficiencies in the many fields
		including income and expenditure due to an internal
		audit not conducted based on risks of the Institute.
(d)	Stock Control	A computer software system had not been installed
		being able to confirm the accuracy of the stock
		balances of divisional and study centers and not
		maintained the stock registers properly.

SgdJ H.M. GAMINI WIJESINGHE Auditor General

> H.M. Gamini Wijesinghe Auditor General

**Auditor General** 

Auditor General's Department

No. 306/72, Polduwa Road,

Battaramulla.

Sir,

Auditor General's Report in terms of section 108(1) of the Universities Act No.16 of 1978 in respect of the Financial Statements of the OUSL for the year ended 31st of December 2017.

My comments and observations with regard to the above Audit Report sent by you on 28<sup>th</sup> of October 2018 are as follows:

- 1.2 Responsibilities of the Management in respect of financial statements.
- 1.3 Responsibilities of the Auditor
- 2. Financial Statements
- 2.1 Opinion
- 2.2 <u>Comments on Financial Statements</u>
- 2.2.1 Sri Lanka Public Sector Accounting Standards
  - (A) Sri Lanka Public Sector Standards 01
    - (i) An allocation of gratuity payment is being made for all the employees who have completed over one year of service and the employees who have completed over 05 years of service have been entitled to receive gratuity allowance. On that basis, action was taken to disclose the allocation of gratuity under non-current liabilities of the Financial Statements. However, steps are being taken from 2018 to report the calculated allocation of gratuity for the employees who are awaiting retirement in the next year, in financial statement under current liabilities.
    - (ii) The amount spent during that year is reduced from the income obtained from the coverage of photography and videography of the convocation and the balance income is taken as advance income and accounted under current liabilities. It is acknowledged that there was a deficiency in accounting the income of courses and action will be taken to ensure that such defects would not be forthcoming from 2018.

# (B) Sri Lanka Public Sector Standards 07

(i) & (ii)

It is the policy of the University to reassess the assets once every 5 years and state in the financial statements. Asset revaluation was done for the last time on 31-12-2012. Necessary arrangements have already been commenced for the next revaluation which will be done on 31-12-2017.

# (C) Sri Lanka Public Sector Standards 10

Income of the short courses are being received by the University at the commencement of each course and the relevant courses are accounted as an income of ledger. The cost relevant for the short courses will be sent to the Finance Division at the end of the courses for payment. These payments are not being done infrequently, and all the payments are made at once at the end of the course.

Accordingly, University had not borne any cost relevant to the income of Rs. 7,751,070/= mentioned by you. Therefore, that income is accounted under current liabilities of the balance sheet as an advance income for short courses at the end of the year.

The University always carry out accounting according to Sri Lanka Public Sector Standards 10. The relevant officers were instructed to correct if there is any deficiency regarding accounting while paying further attention on Sri Lanka Public Sector Standards 10.

# 2.2.2 Accounting Policies

- (i) It is acknowledged that the land owned by the Gampaha Study Centre had been accounted under assets although it should be disclosed as a note in the financial statement 2017. This defect will be corrected.
- (ii) According to the approval of the 430<sup>th</sup> administrative council, an accounting policy is prepared relevant to the accounting of the lands used by the University. According to that policy, the lands rented annually on lease basis by the University should be mentioned in the financial statements. It is the policy of the University to report a financial statement note based on the assessed value of the lands rented annually on leased basis.

### 2.2.3 Accounting Deficiencies

- (a) Since these expenses belong to the expenses of renovation, it has been accounted according to the 21<sup>st</sup>, 22<sup>nd</sup> segments of Sri Lanka Public Sector Standards 7 as revenue expenditure.
- (b) It is acknowledged that the unit cost of stocks and the total cost of some items had not been calculated at the year-end calculation of stock value. It was due to lack of necessary information to calculate the stock value accurately. However, action will be taken to avoid such circumstances forthcoming.
- (c) As the amount of Rs. 443,750/= paid for the acquisition of Rathnapura land is an amount paid to purchase the land, Ledger Account Lands has been accounted under Regional Centres.
- (d) It is acknowledged that the advanced expenditure for the year 2018 has been mentioned in the financial statements as an expenditure of the year 2017 and it will be corrected in the 2018 financial statements.
- (e) The affairs of a graduation ceremony are not limited for two days and it takes at least 5 months to issue the photographs after a complex process. In addition to that, several months must be spent for the work related to this. Accordingly, income had not been reported to the financial statements as the affairs of the project had not been completed.

It is acknowledged that the income of the Research Method Course has not been disclosed in the financial statements 2017.

### 2.2.4. Unexplained Discrepancies

Course books and stocks of study materials are maintained by the Central Book Distribution Unit and Regional and Study Centres. The stock owned by the Central Book Distribution Unit is mentioned in financial statements under Stocks-Publication. And also, the stock owned by the other Regional and Study Centres are mentioned under the stock of each centre. However, all the collection of stock owned by the Central Book Distribution Unit as well as the other Regional and Study Centres have been noted under the ledger account as Stocks-Publication. Therefore, action will be taken to disclose the course books of all the divisions and study materials under Stocks-Publication of financial statements from 2018 in order to solve this issue.

### 2.2.5 Lack of evidence for Audit

(a) It has been informed to the officers in charge of the relevant 8 Regional and Study Centres to give the information of conducting school during the weekdays and weekends to the Government Audit Division immediately.

(b) It has been requested and a reminder has also been sent to the Department of Valuation to give a report regarding the value of a perch relevant to the assessed valuation of lands. Once the relevant report is received, it can be submitted to the Audit.

### 2.3 Receivable and Payable Accounts

(a) Although 04 out of 07 officers who have breached agreements before 2008 have been prosecuted, further action has not been possible due to the fact that the guarantors and the original debtors have left the relevant addresses and inability to trace their current addresses. Since the remaining 03 and the guarantors have left the given addresses and it has been unsuccessful in tracing the current addresses, no action could be taken to prosecute the culprits despite the attempts made.

Action is being taken to recover 03 out of the remaining 07. One person's (T.B Abeysekara) bond has been handed over to University of Jayawardenapura. Cases had been filed against 03 persons to take legal actions. Cases are being already heard in connection with two persons. (I.K Ekanayaka, U.G Jayasekara)

One out of 14 officers (S.C Rajapaksha) has paid the total value of the bond. In 2017, amount of Rs. 4,336,050.62 has been recovered from 11 out of 13 remaining officers.

- (b) An amount of Rs. 193,310/= should be recovered by 31.12.2015 from three officers who have been granted leave. Two officers of them have resumed duties and due amount of Rs.5800 is being recovered as installments. Arrangements have been made to recover the related loan on installments basis from the other officer after he resumed duties.
  - According to the Supplies and Finance Circular No.40 and 59, Provident Fund has been kept as surety when lending loans to staff and action will be taken to recover if there is non-settled loan balance further when releasing the Provident Fund after the completion of service.
- (c) It is acknowledged that the advance expenses done for 2018 has been mentioned as expenditure for 2017 in financial statements. Action will be taken to rectify it in financial statements 2018.

### 2.4 Non-compliance with Laws, Rules, and Regulations and Management decisions.

### Reference to Laws and Rules etc.

### **Non Compliance**

- (a) Financial Regulations of the Democratic Socialist Republic of Sri Lanka
- (i) FR 751 (5)

It is acknowledged that the stock books of the Regional Centres regarding course books and study materials issued by the Main Office had not been maintained properly. However, a computer software (OMIS) has been introduced in this regard. Stock balance of 5 courses has been already updated by this software and decided to continue it further. In addition, Excel Sheet database is maintained in the computer to remark the stocks of all the centres precisely. It has been instructed to all the centres to maintain a register (CR book) manually.

(ii) FR 772 and FR 773

It has been instructed to dispose the goods in the centres after the survey and call bidding for repair.

In addition, arrangements have been made in order to transport the discarded items of the Study Centres to Regional Centres and auction sale.

(b) Public Finance Circular,No. 3/2015 of 14<sup>th</sup> July 2015

It is acknowledged that the 11 advances of Rs. 133,564 has not been settled within 30 days of the withdrawal. It has been informed to all the relevant divisional heads and the other staff to ensure such circumstances will not be forthcoming.

- (c) Establishment Code of Universities and Higher Educational Institutes
- (i) Section 3.1 of the Chapter XX

Academic staff in the entire University system do not mark their attendance (on and off time). Therefore, it is not possible to apply this only to our university and there should be a change in the entire university system. This was discussed at the last COPE meeting and the Secretary to the Ministry of Higher Education and the Chairman of the University Grants Commission agreed to create a methodology.

# (ii)Section 3.2 and 3.3 of the Chapter XXVI

A council of three members will be appointed by the University as the annual stock investigation councils with inclusion of a president and two members consisted of academic and non-academic staff of the University. The nature of the existing equipment will be included in the reports by this council.

Ex:

Equipment in good state will be marked as "G".

and the equipment which should be repaired will be marked as "R" and the equipment which should be removed will be marked as "D" and other special fact.

Ex: Information Technology Equipment This information has been reported in the previous reports. However, the council is not always equipped with special technical knowledge on the equipment they inspect.

Therefore, such defects could occur and in order to minimize these defects a Disposal Policy of Information Technology Equipment will be implemented by the University to investigate all the Information Technology equipment. Accordingly, the staff of Information Technology Division would be going to all the centres from time to time and would be inspecting their computers and the

other Information Technology equipment. Decisions will be taken related to the removal of those equipment based on those reports. Therefore, in case there has been a defect in the Annual Stock Verification Report, action will be taken to rectify it by the reports of Information Technology Division.

(d) Section 3.3 of By-Laws relevant to the Centre for External Resources and (CERC) – 2014

A book consist of CERC activities and the information and rules and regulations on the facts Consultancies to be followed is being prepared and it has been specifically mentioned in its progress reports. Accordingly, arrangements have been made in order to implement this in the future after informing the relevant divisions.

### 3. Financial Review

### 3.1 Financial Results

### 4. Operational Review

### 4.1 Performance

### 4.1.1 Planning

Strategic Management Plan and Action Plan are being prepared by the entire University system according to a form presented by the Ministry of Higher Education.

Action Plan which is updated year by year is sent to the Treasury and provisions are issued by the Treasury based on this.

Although the Strategic Management Plan had been prepared for 4 years, it is updated year by year while reviewing the progress and it will be presented to the University council to get approval.

### 4.1.2 Activity and Review

(a) According to the Open University concept, education should be provided to the majority of employees or workforce. Time tables have been prepared on targeting those students and although timetables of the lectures have been arranged during weekdays and weekends it has been confirmed that the highest attendance had been reported during the weekend. Therefore, more lectures have to be conducted during weekends.

Although additional amount of allowances has been approved by the University on weekends, there is no definite method about giving the allowances. That decision is made independently according to the opinion of the lecturers. Obtaining the service of

the permanent lecturers during the weekends means an additional service provided by them. The reason is that most of the students has been employed as mentioned in the above paragraph. Therefore, money has to be spent for additional allowances.

(b) The academic staff of the Open University has been committed to Lesson Writing, Lesson Editing, Lesson Revision, once every 4 years according to the Norms for Teachers. The academic staff should mention about this in their Increment Form as well.

Lesson Revision is done according to Sri Lanka Qualification Frame Work (SLQF). Although certain lessons have been revised accordingly, certain lessons are being revised.

Accordingly, it is acknowledged that the lesson revision was done at a minimum level. Therefore, it has been instructed through the Deans to expedite the process of Lesson Revision.

When there are no experts in the University Academic Staff related to some syllabuses, lesson Revision is done by external parties those who have specialist knowledge.

### (c) (i), (ii) and (iii)

Distance Education Modernization Project was a project implemented from 2003 to 2010 under a loan granted from the Asian Development Bank. The activities of this project were concluded on 31<sup>st</sup> of May 2010 and, thereafter the National Online Distance Education Service (NODES) was established as a separate unit of the Ministry of Higher Education by a special cabinet paper (09/2171/355/019-1) in order to continue this project.

Accordingly, considering the recommendations of the National Salary Cadre Commission and the necessity to continue the activities of National Online Distance Education Service, Department of Management Service has been approved to recruit 85 staff on contract basis from the letter dated 03-08-2010. According to this letter, service period of all these designations are 2 years. If this program is continued 2 years later, it had been instructed by the Department of Management Service to make permanent recruitment procedures for the recruitment of permanent employees. National Distance Learning Service which was established on 1<sup>st</sup> of April 2010, has been continued extending the contract period of the employees in several occasions after two years until 31<sup>st</sup> of December 2015.

NODES centres have been established island wide under the Distance Education Modernization Project and permission has been given by the University to establish 20 NODES centres in the Regional and Study centres based on monthly ground rent to the Open University of Sri Lanka. Although the NODES centres have been established in the Regional and Study centres of the Open University accordingly, Ministry of Higher Education have not been paid any rent to the University even until 01<sup>st</sup> of March 2015.

20 out of 26 regional centres belong to NODES have been established in regional and study centres of OUSL. Based on that, with the objective to achieve proper benefits of this project, the Ministry of Higher Education has decided to hand over the future activities of NODES to OUSL as per their letter issued on 03<sup>rd</sup> of February 2014.

However, due to the failure of the University to come to an accordance with the facts included in the letter dated on 03-02-2014, signed by the Secretary to the Ministry of Higher Education, administration work was handed over to the Open University of Sri Lanka on 1<sup>st</sup> of March 2015 after further discussions between the relevant officers of the Ministry. Provisions required to afford the salaries and other expenses of the employees who have worked here until 15<sup>th</sup> of December 2015 had been given to the Open University of Sri Lanka by the Ministry of Higher Education. Although the NODES was set up on the 1<sup>st</sup> of April 2010 and entrusted to the Open University of Sri Lanka on 1<sup>st</sup> of March 2015, the development work and the administration of NODES had been done by the Ministry of Higher Education for more than 10 years. During the period of the project, establishment of 26 centres, purchase of office and technical equipment, purchase of software systems, construction of buildings required for the centres had been done by the Ministry of Higher Education.

According to the agreement signed on 28-04-2015 when handing over the NODES institute to the Open University of Sri Lanka, the Ministry agreed to incur the recurrent expenditure until 31<sup>st</sup> of December 2015 that has to be borne in paying the salaries of the employees of the institute and maintaining the other work of the institute and also to give the necessary support to recruit the employees already in the service of the institute into the permanent staff. Accordingly, all the expenses of the NODES institute were incurred by the University from the 01<sup>st</sup> of January 2016.

The main office and the Central Server Computer and the communication network of the Operational Unit of the National Online Distance Education Service was maintained from the beginning of the project, at the monthly rental of a private building located at No. 35/10, 3<sup>rd</sup> Floor, Nawala Road, Narahenpita, Colombo 5. An amount of Rs.105, 000 /= had been paid per month by the date of handing over this institute to Open University of Sri Lanka. Further, in addition, an amount of Rs.42, 117, 84 /= had to be paid for the support of private security service which had been obtained for the security of that institute. The administration of the University had been decided that this building should be taken to the University premises based on that building would be exterior the direct supervision of the university administration and paying a large sum of money monthly to outsiders to maintain the institution. Accordingly, the University had to incur the expenses monthly until the NODES office and the Central Service Computer and the communication network of the operational unit displaced on 28<sup>th</sup> of August 2016, will be set up on the ground floor of the new IT building of the Open University of Sri Lanka and will be installed on the first floor of the building.

After the replacement of the Central Service Computer and the communication network and NODES centres and the Online Management System have been reassigned to the academic purposes of students.

After the acquisition of the NODES institute and its Regional centres to the Open University, all the staff who worked as assistants of the NODES centre were attached to the posts of Computer input assistant and labour while the Regional centres and the equipment were attached under each Regional centres and Study centres. Although a separate cooperate plan has not been presented entering the tasks of this project for the years 2015/2016, its performance is considered under the Regional Education Service (RES).

(d)

- (i) Fundamental course (Start@OUSL) introduced under the Main Development Fund is a compulsory course for all the students who are following a degree program in the University. However, the compulsory subjects that should be followed complied to the requirements of the degree course have been decided by the Senate according to the recommendations of the Faculty Board. Subjects that are compulsory for each degree course have been decided and the opportunity has been given to the students to decide the other subjects according to their preference. Therefore, in addition to the compulsory subjects, any student could follow all the remaining subjects according to their preference and additional cost will not be charged for this purpose.
- (ii) It is acknowledged that a very few copies of the hand book prepared for the development of soft skills have been given to the students. It is due to less number of students are following this course. From 2014 to 2017, the development of soft skill course has been followed by the undergraduate students as mentioned below.

2014	-	771
2015	-	674
2016	-	20
2017	_	20

Although the students have been informed about this course, the participation of the students is very low. However, steps are being taken through the Career Guidance Unit to increase the participation of the students for the development of soft skills course in the future. Accordingly, it is expected to increase the participation of the students in the future and action will be taken to use the Student Handbook prepared for that.

(iii) Restructuring of the Arts degree offered by the Department of Social Science could not be prepared within 09 months as planned. (18 Multimedia courses and 09 Online courses)

However, all the courses including SSU 2146, SSU 3133, SSU 3146 have already been prepared and have already been granted to the students.

(iv) There has been an issue in releasing some Audio-Visual learning aids to the internet. Digital Library Facilities cannot be given to the students through internet until it is resolved. Facilities have already been granted by the Library to get these facilities through **Intranet**.

### 4.2 Management Activities

- (a) It has been difficult to recognize the 16 special improvements selected according to the new demands of the University precisely, as it was difficult to do a formal study at the time of the agreement with the relevant company. Further, the relevant maintenance company could not give the software solutions after the agreement, as the basic software demands have not been clear. It is due to the contradictions occurred between the interconnected software requirements and the requirements of the system users.
- (b) It is acknowledged that there has been a considerable delay when resolving certain issues. Those issues were very critical issues and the maintenance company did not have staff who have knowledge on our Information System were the major reasons for that.

Meetings are being held weekly and in necessary instances with the maintenance company. It is to explain to the relevant company about the necessity of resolving an issue as soon as possible, confirming the given solutions to the given issues and to review the progress of the given list of issues etc.

20 out of 44 issues have been resolved and the reasons for taking a longer time to resolve the remaining issues are given below.

- The strike of the University non-academic staff during that period.
- Certain issues were very critical.
- The company didn't have staff who have knowledge on our Information System.

It is acknowledged that the same matter has been discussed continuously in every discussion.

It was due to many reasons such as,

- The company informed that certain issues will be resolved with a new edition.
- Certain issues were very critical. Some of them have already been resolved.
- As new employees are being recruited to the company from time to time, the same issue has to be explained to them continuously.

Although, most of the time the same issue has been discussed continuously, the staff of the maintenance company changed from time to time. It has taken a long time to resolve these issues due to the leaving of knowledgeable employees from the company and the arrival of new members to the company.

(c)

(i) Action will be taken in terms of section 6 of the Land Ordinance in order to acquire the lands that are possessed by the University where Regional and Study Centres situated which have not been received legal entitlement and post inquiries will be made constantly with the relevant external organizations in this regard.

Lands where Matara and Kandy Regional centres situated, are under the purview of the Ministry of Higher Education and Cultural Affairs and the land possessory was given to the Open University of Sri Lanka through a transfer certificate. Requests have been made continuously to the Ministry to transfer these lands through a deed and title deeds have not been given to the University until now. I would inform that the post inquiries will be constantly made relevant to that. Although requests have been made through the Secretaries to transfer the lands where the Kalutara and Kegalle Study Centres are situated, I would inform that it has not been transferred until now. However, necessary actions are being taken continuously.

Requests have been made to the Land Commissioner to arrange a lease agreement for the land where the Ampara study centre is situated and the initial steps for that were in the process of being implemented. However, as a special grant for the University by the Land Commissioner General in terms of the section 06 of the Land Ordinance actions are being taken to acquire that land without a tax method.

- (iii) It has been informed that the Badulupitiya land which was proposed to establish Badulla Regional Centre cannot be given and a request has been made through the Divisional Secretary of Badulla to reimburse the money paid for that.
- (d) It has been discussed in the CERC and CSAP committees in this regard and it has been focused by these committees on the increase of the percentage of on-cost allocated from total cost.
- (e) The system rectification has to be done in several stages. System rectification is being done with stock survey and currently its final stages are being done.
- (f) A large number of books that are not using have been collected in the book racks of the Central Book Distribution Centre. Out of these books, the books that have been placed in the shelves had to be taken down in order to give the space needed for the books that are currently using, while placing the books on shelves properly and mentioning the new course codes of the books that are relevant to Science and Technology courses according to SLFQ method.

Due to the facts mentioned above, a deficit and a surplus have been occurred between the balances prepared according to the physical stock balance and software system as it has not been possible to update the stock balances properly by 31<sup>st</sup> of December 2017.

As a solution for that, books which are not using have been removed from the shelves and only the books that will be used in the future have been placed in the shelves to calculate the physical stock balance accurately. Action will be taken to give those balances to OMIS system to maintain those stock balances accurately. This process is already being completed.

- (g) It is acknowledged that there was an unbalance between stock balance according to the physical stock balance and software system as the updating process of the book stock balances of LWU 3312 U.I, UII, UIII (Unit 01, Unit 02, and Unit 03) had not been done due to a lapse when the stock was issued. Necessary steps will be taken to overcome these circumstances in the future.
- (h) It is acknowledged that the books have been printed excessively. It is mainly due to,
  - All the students who are applying for the courses have not been registered for those courses.
  - The books should be given to the students at the time of registration and
  - The necessity to provide the books required, expecting that the students will come to all the Regional and Study centres for the registration of courses.

In addition, with the intention to minimize the cost of printing, in the previous years, the printing orders were sent considering the requirement for several years and the book stocks have been collected in the Central Book Distribution Centre. It has been decided to consider the necessity of printing for the required year when sending the new printing orders and therefore, the book stock collections will be minimized in the future.

Majority of the old books had to be removed as the content of the course books has to be changed according to the guidelines of SLFQ (Sri Lanka Qualification Frame Work) introduced by the Ministry of Higher Education when preparing the courses of our university. This has mainly caused to the collection of books in the Central Book Distribution Centre and the Regional and Study Centres in the previous year and this year.

### 4.5 <u>Under-Utilization of Funds</u>

The university has to continue a fund established for a specific purpose although it is an inactive fund until the completion of the anticipated performance. Action has been taken by the Finance Division to inquire from the relevant departments since 2016 regarding these funds. Based on the information received, action has been taken to settle the majority of fund accounts. Other funds have not been finalized due to the anticipated performance of their funds.

### 4.6 Inactive Under-Utilized Assets

(a) The generators given by the NODES centre are currently being used after repairing to provide power supply continuously to the Regional and Study centres and the repairing of generators in several Study centres has been started. It has been scheduled to be given new generators to the centres which have generators with inadequate capacity.

- (b) All the assets have been updated after the adaptation of offices and equipment of the National Online Distance Education Project to the university. Inventories have been introduced for that and inspection of all the computers and the removal the equipment that are unusable according to the condemn policy is currently being done. In the meantime, arrangements have been taken to repair overdue equipment, computers and to provide new equipment.
- (c) The printing orders have been sent according to the necessity of years when preparing printing orders with the objective of reducing printing cost of previous years. However, book stock had been mobilized at the central book distribution centre. Therefore, it has been decided to consider the necessity of printing only to the relevant year when sending new printing orders. There was a less amount of ordered books in lot of printing orders. When printing less amount of printing orders, the cost per page is increased. It has been mainly caused that the average cost of printing per page is increased in addition to the pages which were not numbered and considerable amount of percentage of small printing orders.

### 5. Sustainable Development

### 5.1 Achieving the goals and targets of Sustainable Development

Open University had been noticed the agenda of 2030 by the United Nation's sustainable development goals.

In the occasion of preparing Action and Strategic Management Plan (2016-2020), it had been prepared on targeting sustainable development goals. The vital goal is implementing sustainable development goal number 04, "Widen Access to Education and Increase Opportunities for Life-Long Learning". It has been processing during the past 25 years.

Action has been taken to develop the progress after identifying the activities in the minimum level included in the Action and Strategic Management Plan to achieve the sustainable goals.

### 6. Accountability and Good Governance

### **6.1** Internal Audit

Auditing is carried out according to an Internal Audit Program approved by the Audit Committee of the Internal Audit Division of Open University. Management will be informed by the Internal Audit report about the shortcomings in the subject areas covered by the audit program and the audit recommendations for the avoidance of these shortcomings. Relevant Audit Report will be discussed in the Audit Committee and post inquiries will be done by the Audit Committee and the Internal Audit Committee to check whether the recommendations of the Audit Committee are being implemented by the Management.

It is acknowledged that the responses have not been given to the Internal Audit Queries. However, all the Internal Reports will be discussed in the Audit Committee and post inquiries will be done by the Audit Committee and the Internal Audit Committee to check whether the recommendations of the Audit Committee are being implemented by the Management.

### **6.2 Procurement and Contract Process**

### **6.2.1 Procurements**

- (a) The projects identified have been presented under the procurement plan of 2017 and it has been requested to offer the grants required for that under capital receipts of 2017. However, the amount allocated to the University for the procurement affairs of 2017 has been Rs.80 million and I would mention that this allocation was not sufficient for the procurement affairs of the relevant year.
  - Priority has not been given to some of the projects because of issues related to grants and I would inform that a part has already been started. Work on some of these projects has already been completed. Further, project proposals of some projects have been presented to obtain cabinet approval and grants. Approval required for these project proposals have not been given until now and post inquiries related to that are being done.
- (b) Cabinet approval has been given on 12.07.2017 for the construction of Library Building and pre-bidding process started thereafter. As some defects have been recognized when identifying the requirements, necessary actions have been taken to call bidding for the project after resolving those defects and the construction will be completed within 2 years from the awarded date of the contract.
- (c) Calling tenders to select a suitable tender for printing the photos of Convocation and other related duties are only a part of duties assigned to the staff. Accordingly, I wish to state that the payments made during that period are not a payment merely based on that duty.
- (d) (i) An explanation will be taken by the university from the bidders when virtual sub amount is mentioned for the important items by the bidders in the bidder valuating However, it is acknowledged that a clarification regarding the relevant contract has not been obtained. However, I wish to state that the recommendations have been given after studying the total project value by the Technology Valuation Committee.
  - (i) It is acknowledged that a high-value Performance Bond had not been obtained regarding the relevant contract and I wish to state that if there is a risk there is a possibility to act in terms of the agreement and the necessary steps will be taken accordingly.
  - (ii) Issues related to implementing the contract have been resolved and the contractor has been agreed to complete the remaining work within a month. Necessary action has been taken to update the Performance Bond and hand over to the University. However, necessary steps will be taken to recover the damages incurred due to the delay.

(e) All tasks related to the main scope of the contract has been completed within the contract period and additional processing had to be done due to a proposal submitted to expand the construction of the Library Building. Due to that reason, the scope of the additional processing had to be determined and approval had to be obtained, some tasks related to the relevant main scope could not be completed within the contract period. However, the tasks related to the main scope has been completed and handed over by the company by 20/03/2017. Further, I would inform that the project could not be completed due to some additional work related to the project had to be done. However, the project has been completed by now and as it has been informed by the DIMO company that a part of the additional work granted to them cannot be done.

The company has been pointed out that the work has been done without any work delay when carrying out the project and the project could not be completed on due date because of the additional work that should have been done. Accordingly, I would state that it is not possible for the University to recover late fees. Further, I would state that the relevant contract has been signed according to the standard contract agreement form (SBD) issued by the Institute of Construction Training & Development and the fact such as negligence of work, recovery of late fees will be covered by that.

It is acknowledged that there has been a deficiency in cancellation of the Performance Bond and not taking action to extend its validity period. Steps would be taken to ensure such defects would not be forthcoming.

### **6.2.2 Deficiencies in the Contract Administration**

This project has been commenced by the University with the objective to reduce the cost of the University while contributing to the Green Concept which is a world recognized ecofriendly concept. This contract has been awarded to the relevant company. Because the Technical Evaluation Committee has visited the educational institutes that provided services previously through the considered institution which services to be procured and has been satisfied by the inspection of the equipment installed and the services given by the relevant companies to those institutions.

It has not been appointed a staff outside for this task and the staff of the University engaged in this task as a part of their duties. Therefore, I would inform that the payment done to the staff has not been only for this task.

It has been already commenced by the project capital and planning division for establish a solar panels street lamp system and to install solar panels.

### 6.3 **Budgetary Control**

Forecast is being done for the upcoming year based on the actual income and expense of the previous years along with the plans for the upcoming year. Accordingly, a variance may occur between the estimated income and expense and actual income and expense. Action will be taken to minimize those variances in the upcoming years.

### **6.3** Unsolved Audit Paragraphs

It has been requested from the Department of Valuation to give a report on the value of a perch related to the assessed value of lands and reminders have also been sent in this regard. Relevant report can be submitted for auditing once it is received.

### 07. Systems and Controls

- (a) Internal Audit
- (b) Stock Control
- (c) Procurement and Contract Administration
- (d) Income management
- (e) Fixed Assets Control
- (f) Vehicle Control

Action will be taken to rectify the relevant shortcomings by paying special attention on the above sectors.

Yours Truly,

### Prof..S.A Ariadurai

### Vice Chancellor

Copies: 1. Secretary, Ministry of Finance

- 2. Secretary, Ministry of Higher Education and Cultural Affairs
- 3. Chairman, University Grants Commission

### THE OPEN UNIVERSITY OF SRI LANKA FINAL ACCOUNTS - 2017 STATEMENT OF FINANCIAL POSITION AS AT 31.12.2017

	NOTE	31.12.2016 (Rs.) (Restated)	31.12.2017 (Rs.)	
ASSETS CURRENT ASSETS		(westated)		
Cash at Bank	1	90,084,219	77,064,304	
Receivables	2	191,873,329	274,207,924	
Inventories	3	143,553,777	156,401,851	
Advances & Pre Payments	4	9,786,175	12,676,772	
Loans & Advances to Staff	5	61,740,087	76,146,009	
TOTAL CURRENT ASSETS		497,037,587	596,496,859	
NON CURRENT ASSETS				
Property, Plant & Equipment	6	7,368,353,462	7,216,072,495	
Capital Work in Progress	7	30,887,304	11,059,501	
Intangible Assets		33,037,854	34,847,854	
Investments	8	1,152,903,129	1,455,995,694	
TOTAL NON CURRENT ASSETS		8,585,181,748	8,717,975,543	
TOTAL ASSETS	_	9,082,219,335	9,314,472,402	
LIADILITIES CURRENT LIABILITIES				
Deposit Payables	9	44,824,526	47,938,055	
Payables	10	28,451,659	50,061,614	
Advances from Customers - University Press		567,562	479,570	
Short Courses Income Received in Advance	11	39,559,511	76,606,403	
Tuition Fees Received in Advance		96,762,782	126,655,531	
Other Income Received in Advance		290,200	311,400	
Accrued Expenditure	12	98,696,585	119,169,686	
TOTAL CURRENT LIABILITIES	_	309,152,825	421,222,259	
NON CURRENT LIABILITIES				
CERC Fund		18,456,510	20,572,375	
Specific Funds ( Restricted )	13	276,675,049	339,824,774	
Provision for Gratuity	14	323,486,950	366,807,961	
TOTAL NON CURRENT LIABILITIES		618,618,509	727,205,110	
TOTAL LIABILITIES		927,771,334	1,148,427,370	
NET ASSETS		8,154,448,001	8,166,045,032	

	NOTE	31.12.2016 (Rs.)	31.12.2017 (Rs.)
NET ASSETS/EQUITY			
Capital Grant - Spent	15	425,637,694	439,764,244
Capital Grant - Unspent	15	23,886,841	
Contribution to Capital Outlay f Outside Grants	16	9,444,653	12,292,540
Donations	17	944,152,581	834,837,027
General Reserve		770,154,693	895,465,643
Revaluation Surplus	_	5,981,171,528	5,983,685,579
TOTAL NET ASSETS/EQUITY		8,154,448,001	8,166,045,032

Prepared and Certified by:

N.T.A. Weerasinghe Acting Bursar

The Accounting Policies on pages 6 to 10 and Notes on pages 28 to 63 form an integral part of these Financial Statements. The Council is responsible for the preparation and presentation of these Financial Statements. These Financial Statements were approved by the Council and signed on their behalf;

Prof. S.A. Artadural Chairman of the Council

Date: 27/02/2018

Prof. G.M.K.B. Gunsherath Member of the Council W.L.V. Jayasena Secretary of the Council

57

# THE OPEN UNIVERSITY OF SRI LANKA FINAL ACCOUNTS - 2017

### STATEMENT OF FINANCIAL PERFORMANCE FOR THE YEAR ENDED 31.12.2017

Revenue	NOTE	31.12.2016 (Rs.) (Restated)	31.12.2017 (Rs.)
Government Grant for Recurrent Expenditure		1,000,000,000	1,112,575,000
Capital Grant for Research		5,811,159	15,666,226
Interest from Investments	18	71,304,546	108,059,176
Interest from Loans & Advances		2,497,350	2,660,334
Registration Fees		9,265,112	22,312,098
Income from Students	19	812,814,777	1,201,227,143
Examination Fees/Certificate Fees		2,243,569	4,305,118
Library Fines Hostel Fees		355,158 1,081,250	437,290 2,125,375
Supplementary Fees		1,001,100	3,490
Income from Violation of Bonds		7,877,124	4,653,994
Income from Short Courses & Other Sources	20	45,709,739	75,891,900
Sale of Publications		2,441,072	1,906,719
Sale of Applications		17,195,913	25,091,951
Hiring of Vehicles		185,774	129,395
Rent from Properties		2,375,084	3,164,540
Sale of Old Stores			351,087
Miscellaneous Income	21	3,962,748	9,122,597
Amortization of Donations & Capital Outlay		105,917,239	117,931,706
Amortization of Capital Grants - Spent		69,939,331	80,944,065
Total Revenue		2,160,976,945	2,788,559,203
Expenses			
General Administration & Staff Services		341,109,247	395,422,569
Depreciation		335,167,628	381,834,830
Impairment of receivable (Students)		24,652,058	28,380,797
Academic Services		1,394,069,789	1,593,463,800
Teaching Resources		90,939,938	97,029,215
Health Services		3,720,469	4,711,877
Maintenance of Land & Buildings		45,505,461	47,119,843
Ancillary Activities		77,250,411	92,073,948
Total Expenses		2,312,425,000	2,640,036,879
Surplus/(Deficit) for the period		(151,448,055)	148,522,325
Disbursement of Short Courses Funds	22	(13,373,830)	(22,969,155)
		(164,821,885)	125,553,169

Prepared and Certified by;

N.T.A. Weerasinghe Acting Sursar

The Accounting Policies on pages 6 to 10 and Notes on pages 28 to 63 form an integral part of these Financial Statements. The Council is responsible for the preparation and presentation of these Financial Statements. These Financial Statements were approved by the Council and signed on their byhalf; OATO

Prof. S.A. Artsdural Chairman of the Council

Date: 27/02/2018

Prof. G.M.K.B. Gunaherath Member of the Council

W.L.V. Jayasena Secretary of the Council

, 58

### THE OPEN UNIVERSITY OF SRI LANKA

### CASH FLOW STATEMENT FOR THE YEAR ENDED 315T DECEMBER 2017

	2016 (Rs.) (Restated)	2017 (Rs.)
CASH FLOWS FROM OPERATING ACTIVITIES	100000000	
Surplus / (Deficit) from ordinary activities	(164,821,885)	125,553,169
Non Cash Movements		
Depreciation Provision for Gratuity Amortization of Capital Grant Amortization of Donation	335,167,628 62,364,790 (69,939,331) (104,936,893)	381,834,830 68,473,398 (80,944,065) (117,931,706)
Operating Profit before working capital changes	57,834,308	376,985,627
(Increase) / Decrease in Inventories (Increase) in Trade & Other receivables Increase/(Decrease) in payables	637,235 (102,024,386) (82,885,144)	(12,848,074) (99,631,114) 112,069,434
Net Cash Flows from operating Activities	(126,437,987)	376,575,873
CASH FLOW FROM INVESTING ACTIVITIES Purchase of Property, Plant & equipments Funds received for Specific Purposes Increase in Investments Payment of Gratuity	(242,155,915) 51,307,085 24,639,445 (13,367,910)	(213,466,426) 65,265,590 (303,092,564) (25,152,388)
Net Cash Flows from Investing Activities	(179,577,295)	(476,445,788)
CASH FLOWS FROM FINANCING ACTIVITIES Capital Grants	230,000,000	86,850,000
Net Cash Flows from Financing Activities	230,000,000	86,850,000
Net Increase / ( Decrease ) in Cash & Cash Equivalents Cash & Cash Equivalents at the beginning of the period Cash & Cash Equivalents at the end of the period	(76,015,282) 166,099,501 90,084,219	(13,019,915) 90,084,219 77,064,304

# THE OPEN UNIVERSITY OF SRI LANKA

# STATEMENT OF CHANGES IN EQUITY FOR THE YEAR ENDED 31.12.2017

	A Comment		Capital		Barrelloubline	
Description	General Reserve (Restated)	Capital Grant Spent	Capital Grant Unspent	Donations & Other Grants (Restated)	Surplus (Restated)	Total
Balance as at 31st December 2015	937,975,439	295,275,026		192'650'918	5,893,723,179	7,943,033,405
Capital Grant Spent During the Year	*	200,302,000	(200,302,000)	4	+	*
Capital Grants for Research	*		(5,811,159)	*	+	[5,811,159]
Funds Received During the Year			230,000,000	ě.	4	230,000,000
Separate Account for Mahawell Authority	(2,998,860)					(2,998,860)
Donations/Other Grants Received During the Year		-	12	243,621,471	10.	243,621,471
Amortization of Donations	*			(105,917,239)	4	(105,917,239)
Amortization of Capital Grant		[118,089,08]				(118,939,311)
Revaluation Surplus/Deficit		The state of the s			87,448,349	87,448,349
Surplus / ( Deflot ) for the Period	(104,621,665)		-			(154,521,635)
Balance as at 31" December 2016	770,154,694	425,637,694	23,886,841	953,763,993	5,981,171,528	8,154,614,750
Prior Year Adjustment (Work-in-Progress- Main Stores)	[242,220]	95,070,615	1219.070.26)			(242,220)
Control County County of the County		The same of the sa	135 252 3361			110,000,330
Capital scrivits for research Funds Received During the Year Donations/Other Grants. Received During the Year			86,850,000			86,850,000
Amortization of Donations		The state of the s		11,297,279		11,297,279
Amortization of Capital Grant		(80,944,065)		(117,931,705)	ENGINE.	(198,875,770)
Revaluation Surplus/Deficit Surplus / ( Deficit ) for the Period	125,553,169				2,514,050	2,514,050
Balance as at 31" December 2017	895.465.643	439,764,244		847,129,567	847,129,567 5,983,685,579	8,166,045,032

### THE OPEN UNIVERSITY OF SRI LANKA Notes to the Financial Statements

### 1. Corporate Information

### 1.1 General

The Open University of Sri Lanka is incorporated and domiciled in Sri Lanka. The registered office and the principal place of business is situated at Nawala, Nugegoda. The regional centers are located at Colombo, Kandy, Anuradhapura, Matara, Jaffna, Batticaloa, Badulla, Kurunegala and Ratnapura. Further 18 Study Centers are established island wide.

### 1.2 Date of Authentication for Issue

The amended financial statements of the University for the year ended 31st December 2017 were authorized for issue in accordance with the approval of the Council held on 23st February 2018.

### 2. General Accounting Policies

### 2.1 Basis of Preparation

The Financial Statements have been prepared on the historical cost basis except that Fixed Assets at fair value based on the revaluation as at 31.12.2012

### 2.2 Statement of compliance

The Financial Statements have been prepared in accordance with Sri Lanka Public Sector Accounting Standards (SLPSAS).

### 2.3 Comparative Information

The accounting policies have been consistently applied by the university and are consistent with previous year. The previous year's figures and phrases have been rearranged wherever necessary to confirm to the current year presentation.

### 2.4 Functional and Presentation Currency

All the foreign currency transactions are converted to Sri Lankan Rupees, which is the reporting currency, at the rates of exchange prevailing at the time of the transaction.

### 3. Significant Accounting Policies

### Use of Estimates and Judgments

The preparation of Financial Statements in conformity with Public Sector Accounting Standards (SLPSAS), requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Judgments and estimates are based on historical experience and other factors, including expectations that are believed to be reasonable under the circumstances. Hence, actual experience and results may differ from these judgments and estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised if the revision affects only that period and any future periods affected.

Information about significant areas of uncertainty and critical judgments in applying accounting policies that have most significant effects in the accounts recognize the financial statements is included in the following notes.

### 4. Significant Accounting Policies

The accounting policies set out below are consistent with those used in the previous year.

- 4.1 Cost of providing utilities and expenses on common facilities extended to the Post Graduate Institute of English have been accounted as dues from the Post Graduate Institute of English.
- 4.2 The income from the Consultancy projects and several external assignments conducted and undertaken by academic departments, University Printing Press and the Media House under Consultancy and External Resource Centre (CERC) was accounted as over the period of time it has generated. As per the CERC guidelines, a part of the CERC surplus has been transferred to appropriate development funds.
- 4.3 The income from the self-funded Academic Programmes conducted by academic departments, faculties and other entities of the university under centre for self-funded Academic Programmes (C-SAP) was accounted as over the period of time it has generated. As per the C-SAP guidelines a part of the C-SAP surplus has been transferred to appropriate development funds.
- 4.4 Amount due on Violation of Bonds & Agreements is Rs.91,382,830.15.
- 4.5 Capital Grant received from the Treasury was accounted at the first instance under Capital Grant Unspent and amounts spent were subsequently transferred to the Capital Grant Spent account. (Note - 15).

### 4.6 Property Plant & Equipment

### 4.5.1 Valuation of Assets

- All assets purchased during the year are recorded at cost of purchase with incidental expenses.
- The value of Property, Plant & Equipment purchased out of various project funds were transferred from project funds account to Contribution to Capital Outlay from Outside Grants (Note -16)
- The value of Property, Plant & Equipment received as Donations were capitalized and amortized as revenue over the useful life of the related assets. (Note - 6)

iv. Property, Plant & Equipment are shown at cost/revalued value less accumulated depreciation. Depreciation is charged on straight line method as per UGC Circular No. 649 of 05.10.1995 at the following rates per annum.

Buildings	05%
Furniture	10%
Office Equipment	20%
Library Books	20%
Motor Vehicles	20%
Laboratory & Teaching Equipment	20%
Cloaks	20%
Plant & Machinery	20%
Sports Goods	20%

Depreciation is charged from the date of purchase.

- The valuation of cloaks was completed internal committee appointed by the university as at 31-12-2017. Accordingly, accounts was adjusted as at 31-12-2017.
- Revaluation surplus of the previous year was adjusted according to corrections made in the values of assets.
- Anuradhapura, Kurunegala and Ampara lands are under operating lease. The values of Anurdhapura and Ampara lands are Rs. 12,000,000.00 and Rs. 7,900,000.00 respectively.

### 4.6.2 Transfer of Land

The University at its 385th meeting of the Council had allocated 15 perch land to PGIE. Further, the Council at its 408th meeting had allocated 4.8 perch land to the PGIE.

### 4.7 Capital Work-In Progress

Capital work in progress is transferred to the respective asset account at the inception of utilization of the asset.

### 4.8 Intangible Assets

OMIS System and Network System were identified as intangible assets.

OMIS System - Rs.15,000,000.00

Network System - Rs.15,000,000.00

E-books and Software - Rs. 4,847,853.68

### 4.9 Inventories

Inventories are measured at the lower of cost and net realizable value, after making due allowance for obsolete and slow moving items.

The cost incurred in bringing inventories to its present location and conditions is accounted using the following formula.

- · Raw materials cost determined on the first in first out (FIFO) basis.
- Finished Goods. At the cost of direct material, direct labour and appropriation of fixed production overheads at normal operating capacity.

### 4.10 Investments

Short-term investments are categorized under Held to Maturity Financial Instruments, (HTMFI)

### 4.11 Receivables

The University policy to cancel the receivables of students who did not renew their registration during the last 5 years and charged to income statement in the current final year in which five year is over.

### 4.12 Provisions for Gratuity

Full provision is made in accounts for the retiring gratuity payable to all the employees from the year which they completed 01 year in the service. This provision is not externally funded.

### 4.13 Liabilities & Provisions

- 4.13.1 All known liabilities have been accounted for in preparation of the financial statements.
- 4.13.2 Contingent liabilities on cases pending at the Court / Labour Tribunal were not provided.
- 4.13.3 Provision for student fees refund calculated based on the 2017 refunds related to the 2016 student fee income as average.
- 4.13.4 The provision of the 4% of the students fees transferred to the bursary fund and recognized as expenditure for reporting period.

### 4.14 Income & Expenditure

### 4.14.1 Revenue Recognition

Revenue consists of government grant, grants from UGC, course fees and income generated through internal sources. Interest on investment is accounted on accrual basis. The government grant was accounted on receipt basis. Course fees charged from students are recognized as income in the reporting period in which the service are rendered according to section 19 & 20 of SLPSAS 10.

### 4.14.2 Expenditure Recognition

The expenditure has been analyzed by projects / objects and classified according to the different expenditure headings based on guidelines given by the University Grant Commission and the common format reporting system.

### 5. Retrospective Restatement of Prior Year Adjustments

Software amounting to Rs. 2,028,302.39 received as donation from the HETC Project during the year 2014 were taken into account and amortization of these donations amounting to Rs. 980,346.16 for the year 2014 to 2016 were adjusted.

Recurrent expenses for purchase of chemicals and other supplies amounting to Rs. 215,657.50 were accounted incorrectly as Lab & Office Equipment was corrected.

Correction of duplication of double entry by debiting Rs. 166,750.00 to Capital Outlay from Outside Grants and crediting Office Equipment Rs. 166,750.00.

The balance of Rs. 242,220.00, Work-in-Progress - Main Stores were transferred to the General Reserves.

Under provision of depreciation amount in Rs. 2,334,750.00 for the revalued building from 2013 to 2016 and revalued building amount of Rs. 11,673,750.00 were taken into 2016 accounts.

### 5.1 Statement of Financial Performance

-	Description	Amount (Rs.)	
Defici	t for the year ended 31 <sup>st</sup> December 2016	(163,251,824)	
Add:	Retrospective restatement of errors		
	Amortization of Donations and Capital Outlay	980,346	
		(162,271,478)	
Less:			
	Correction of recurrent expenses for chemical & other supplies	(215,657)	
	Under provision of depreciation of revalued building	(2,334,750)	
Resta	ted Deficit for the year ended 31st December 2016	(164,821,885)	

N.T.A Weerasinghe Acting Bursar

27th February 2018

### THE OPEN UNIVERSITY OF SRI LANKA **FINAL ACCOUNTS - 2017**

## STATEMENT OF FINANCIAL PERFORMANCE FOR THE YEAR ENDED 31<sup>ST</sup> DECEMBER, 2017

### THE CLASSIFICATION OF EXPENSES BY NATURE

	Rs.	Rs.
	2016 (Restated)	2017
Operating Revenue		
Recurrent Grant	1,000,000,000	1,112,575,000
Capital Grant Research	5,811,159	15,666,226
Amortization of Donations	105,917,239	117,931,706
Amortization of Capital Grant	69,939,331	80,944,065
Other Income	933,599,476	1,385,550,306
Other Funds	32,335,909	52,922,745
Total Operating Revenue	2,147,603,115	2,765,590,048
Operating Expenses		THE REAL PROPERTY OF THE PERSON OF THE PERSO
Personal Emoluments	1,369,088,721	1,503,377,231
Traveling	6,185,528	8,730,050
Supplies and Consumable Used	44,488,194	46,532,248
Maintenance	36,025,015	53,559,716
Contractual Services	279,318,473	342,022,001
Research and Development	8,332,192	12,031,721
Depreciation and Amortization Expenses	335,167,628	381,834,830
Other Operating Expenses	232,609,637	290,053,207
Total Operating Expenses	2,311,215,387	2,638,141,005
Surplus/(Deficit) from Operating Activities	(163,612,273)	127,449,043
Finance Cost	(1,209,612)	(1,895,874)
Loss on Sales of Property Plant and Equipment		-
Total Non Operating Revenue (Expenses)	(164,821,885)	125,553,169
Net Surplus/(Deficit) before Extra Ordinary items		
Net surplus/(deficit) for the period	(164,821,885)	125,553,169

Prepared and Certified by;

N.T.A. Weerasinghe Acting Bursar

The Accounting Policies on pages 6 to 10 and Notes on pages 28 to 63 form an integral part of these Financial Statements. The Council is responsible for the preparation and presentation of these Financial Statements. These Financial Statements were approach by the Council and signed on their behalf;

466

Hobabanea

Prof. S.A. Arladurai -Ehairman of the Council

Date: 27/02/2018

Prof. G.M.K.B. Gunaherath Member of the Council

W.L.V. Jayasena

Secretary of the Council

# THE OPEN UNIVERSITY OF SRI LANKA FINANCIAL HIGHLIGHTS IN THE PRECEDING 5 YEARS

Description	2013	2014	2015	2016	2017
Income	9				
Government Grant for Recurrent					
Expenditure Capital Grant for Research	844,715,000	965,000,000	1,040,000,000	1,000,000,000	1,112,575,000
	250000000000000000000000000000000000000	2,039,500	100000000000000000000000000000000000000	5,811,159	15,666,226
Interest on Investments	32,479,880	40,694,851	46,622,869	71,304,546	108,059,176
Interest from Loans & Advances	2,703,143	2,706,693	2,748,693	2,497,350	2,660,334
Rent From Properties	5,689,986	2,749,657	3,005,309	2,375,064	3,164,540
Sale of Old Stores		41,423	1,110,138	14	351,087
Sale of Produce	375	110			
Macelaneous Income	4,750,467	4,163,071	4,446,087	3,962,748	9,122,597
Registration Fees	10,656,040	20,124,657	20,248,635	9,265,112	22,312,098
Income from Students	609,989,377	932,902,450	735,286,953	812,814,777	1,201,227,143
Examination Fees	512,436	1,453,955	1,605,394	2,243,569	4,305,118
Sale of Publications/Applications	32,804,922	23,451,352	46,851,310	19,636,985	26,998,669
Library Pines	419,146	453,415	488,120	355,158	437,290
Supplementary Fees	4,608,032	1,590,945	3,700		3,490
Hostel Fees	937,910	1,608,345	1,466,255	1,081,250	2,125,375
Income from shart courses & other					-
Sources	29,502,555	60,896,724	56,867,049	45,709,739	75,891,900
Hiring of Vehicles	447,035	222,214	346,902	185,774	129,395
Income from Violetion of Bonds	9,741,809	9,580,962	12,336,699	7,877,124	4,653,994
Amortization of Donations & Capital Outlay	392,534,363	213,362,676	99,286,320	104,936,693	117,931,706
Amartization of Capital Grants - Spent	42,526,211	49,557,263	53,536,014	69,939,331	80,944,065
Total	2,024,918,777	2,332,600,283	2,126,256,447	2,159,996,599	2,788,559,203
Expenditure					
General Administration & Staff Services	220,422,170	210,920,701	311,526,795	341,109,247	395,422,569
Add: Depreciation	596,480,633	436,583,918	285,574,568	332,832,878	381,834,830
	816,902,803	647,504,621	597,101,363	673,942,125	777,257,399
Impairment of receivable (Student)	24	39,345,440	146,703,270	24,652,058	28,380,797
Impairment of receivable (Staff)		33,230,440	135,848	e standarde	
Zotomo Completo	0.000 (0.000)	33332333	ACCOUNTS ON	100000000000000000000000000000000000000	7
Academic Services	898,491,968	1,115,776,579	1,270,215,942	1,393,854,130	1,593,463,800
Teaching Resources	61,416,894	73,333,512	84,144,598	90,939,938	97,029,215
Health Services	2,595,930	2,888,556	3,690,281	3,720,469	4,711,877
Maintenance of Land & Buildings	34,198,991	43,887,259	42,194,954 76,038,262	45,505,461	47,119,843
Ancillary Activities	60,489,676	65,695,892		77,260,411	7.0000000000000000000000000000000000000
Yotal	1,874,095,662	1,988,431,859	2,220,224,518	2,309,874,592	2,640,036,879

# **Annexures**

### A. Details of Research, Innovation and Publications

### A.1 Faculty of Education

### **Book Chapters**

 Karunanayaka, S. & Naidu, S. (2017). Impact of integrating OER in teacher education at the Open University of Sri Lanka. In C. Hodgkinson-Williams & P. B. Arinto (Eds.), Adoption and impact of OER in the Global South (pp. 459–498). Retrieved from https://doi.org/10.5281/zenodo.600398

### **Journal Editorials**

- Karunanayaka, S.P., (2017). Discourses at the Intersections of Disciplinary Knowledge, Pedagogy and Technology. (Editorial) OUSL Journal. 12(1), 1–4. doi: http://doi.org/10.4038/ouslj.v12i1.7392.
- Karunanayaka, S. P. & Naidu, S. (2017). Teachers as Designers: At the Confluence of Technology, Pedagogy and OER. Research paper presented at the World Conference on Online Learning organized by the International Council for Open and Distance Education (ICDE), held October, 2017, in Toronto, Canada.
- 3. Naidu, S. & Karunanayaka, S. P. (2017). Development of the Open Educational Practices Impact Evaluation Index. Research paper presented at the OE Global-2017 Conference, held 8-10 March 2017, in Cape Town, South Africa.
- 4. Kugamoorthy, S., Rajini, M., Karunanayaka, S.P., & Naidu, S. (2017). OER-Integrated Teaching and Learning in a Post-War Northern Sri Lanka. Research paper presented at the OE Global-2017 Conference held 8-10 March 2017, in Cape Town, South Africa.
- 5. Karunanayaka, S. P., & Naidu, S. (2017). Designing Integration of OER and OEP. Research paper presented at the 2017 ODLAA Conference. 5-7 February, 2017, Melbourne, Australia.
- 6. Perera, K.G.S.K., Karunanayaka, S.P., & Ariyaratne, A. (2017). Teachers' attitudes towards the use of information and communication technology in the instructional process of secondary education in Sri Lanka. Research paper presented at the Open University Research Sessions (OURS)-2017, November, 2017, OUSL.

### **Research Projects**

- Research Team Leader Design and Development of a Massive Open Online Course for Continuous Professional Development (CPD MOOC) for educators on 'Adoption of Open Educational Resources (OER) and Open Educational Practices (OEP)' – Research project implemented at OUSL, supported by the Commonwealth Educational Media Centre for Asia (CEMCA), India (2017-2018 - Ongoing)
- 2. Research Team Leader Impacts of Integrating OER in Teacher Education at the Open University of Sri Lanka - Research project implemented at the Faculty of Education, OUSL through a sub-grant received by OUSL from the Wawasan Open University, Malaysia under Research on Open Educational Resources for Development [ROER4D] Impact Studies [IS] supported by the International Development and Research Centre (IDRC), Canada (2015-2017 Completed)

### **Research and Publications 2017**

### Journal Article:

- 1. Nawastheen, F.M., Wanasinghe W.M.S., & P.Senaviratne (2017), A Study on PGDE Student-Teacher Efficacy Beliefs in the Sri Lankan Context, OUSL Journal, Volume 1 (1), 27-44, Open University of Sri Lanka OUSL (https://ouslj.sljol.info/293/volume/12/issue/1/)
- P.Ramathass, Socio Cultural and Educational Problems Faced by Plantation Sector Children in Migrants Families – Survey Based on Estates in Nuwara-Eliya District Educationalist Research Journal, (BI-Annual) April, 2017, Educational Publication Centre, Jaffna, Sri Lanka.
- 3. P.R.D. Chathurika, P.L.N. Randima Rajapaksha, (2017), "learner's perception on online learning in open and distance education mode in the diploma in early childhood and primary education, the open university of sri lanka", International Journal of Scientific Research, Vol. II, Issue 4, 2017
- 4. Chathurika.P.R.D, (2017), Effective Teaching Practices of Teaching Environment Related Activities in Primary level in Sri Lanka, ISER- 205th International Conference on Education and Social Science (ICESS-2017), Singapore
- 5. Karunanayaka, S. P. & Naidu, S. (2017). A design-based approach to support and nurture open educational practices. AAOU Journal, 12(1), 1-20. doi: https://doi.org/10.1108/AAOUJ-01-2017-0010.

6. Karunanayaka, S. P., Naidu, S., Rajendra, J., & Ratnayake, H. (2017). Designing reflective practice in the context of OER-based eLearning. Journal of Learning for Development, 4(2), 143-160 Retrieved from <a href="http://www.jl4d.org/ind\_ex.php/ejl4d/article/view/210">http://www.jl4d.org/ind\_ex.php/ejl4d/article/view/210</a>.

### **Articles Published in Educational Magazines**

- Integration of Clinical Approach in Teaching Practice Component" (Issue -07) Annual Educational Magazine, Faculty of Education, The Open University of Sri Lanka. February 2017.
- 2. Twenty First Century Schools. Classrooms and Teachers". Mugizhl,25<sup>th</sup> Anniversary Magazine of CP/H/Kirkoswold No-02 Tamil Vidiyalayam, Bogowanthalawa. March 2017.
- Teacher Efficacy in Plantation Sector Schools". 125<sup>th</sup> Anniversary Magazine of CP/H/Highlands
   College, Highlands College Past Pupils' Association, Hatton. June 2017.
- 4. Suggestions for the Enhancement of Teacher Transfer and Re -Deployment Annual Educational Magazine, Nitharsham of CP/N/Kotagala Tamil Maha Vidiyalayam, Kotagala December 2017

### **Conference proceedings/Abstracts**

- Nawastheen F.M., Moahmed Azmie (2017) Teachers' Perception towards Difficulties of Bilingual Students in the Schools of Kalmunai Education Zone, Ruhunu University International Conference on Humanities and Social Sciences – 2017
- 2. Azmie, M., Nawastheen F.M., (2017) The Students' Enrollment In The Bilingual Education In The Kalmunai Education Zone, 7th International Symposium-2017 South Eastern University of Sri Lanka
- 3. An abstract on Improving the correct use of Be verbs as a main verb and helping verb among grade 09 students using tenses.
- Ramathass, P. (2017) Teacher Deployment in Schools in Difficult Areas. Research paper presented at the 10<sup>th</sup> Annual Research Conference, The Royal Asiatic Society of Sri Lanka, March 23<sup>rd</sup> – 25<sup>th</sup>, 2017

### **Research Article:**

 Essence and the Aesthetic value of Guru Geethaya (The First Teacher) by Chinghiz Aitmatov "pp 435 - 449 in Sahithyaya (Literature ) the special volume -2017 Published by the Department of Cultural Affairs . 2. Use of Bloom's revised taxonomy in improving students' intellectual skills at schools. John Keller's ARCS Model of Motivational Design and Learning process.

### Research and Publications – 2017

- Panel Discussion on "Doing ESL Research: Diverse Perspectives from Five Contexts" at the International Research Symposium on English Language Studies-2017, Dept. of English Language Studies, Faculty of Arts, University of Colombo.
- Herath, S., Nagahawatte, K., Gamage, S. Kalinga, J., & Perera, S.A.S.K. (2017, September). Doing ESL Research: Diverse Perspectives from Five Contexts. Panel discussion presented at the International Research Symposium on English Language Studies-2017 of the Dept. of English Language Teaching, University of Colombo, Colombo 03
- Developing Language and Early Literacy skills of a preschool child with Global DevelopmentalDelay" AnomaAlwis,Malani Munasinghe, T.D.T.L.Dhanapala,Hemanthi Anuruddhika, K. Ketheeswaran, Saminda Kuruppu 15th Open University Research Sessions-2017
- 4. The Bachelor of Education (Drama & Thetre) Programme conducted through Distance Mode: Problems and Solution G.D. Lekamge, A.I. Irugalbandara, K.P.R. Jayawardena,M.N.C. Fernando, S.Kugamoorthi, B.G.H. Anuruddhika 15th Open University Research Session, 201716<sup>th</sup> & 17<sup>th</sup> November
- 5. The Bachelor of Education (Drama & Thetre) Programme conducted through Distance Mode: Problems and Solution G.D. Lekamge, A.I. Irugalbandara, K.P.R. Jayawardena, M.N.C. Fernando, S.Kugamoorthi, B.G.H. Anuruddhika 15th Open University Research Session, 201716<sup>th</sup> & 17<sup>th</sup> November
- 6. The Bachelor of Education (Drama & Thetre) Programme conducted through Distance Mode: Problems and Solution G.D. Lekamge, A.I. Irugalbandara, K.P.R. Jayawardena, M.N.C. Fernando, S.Kugamoorthi, B.G.H. Anuruddhika 15th Open University Research Session, 201716<sup>th</sup> & 17<sup>th</sup> November
- 7. The Bachelor of Education (Drama & Thetre) Programme conducted through Distance Mode: Problems and Solution G.D. Lekamge, A.I. Irugalbandara, K.P.R. Jayawardena, M.N.C. Fernando, S.Kugamoorthi, B.G.H. Anuruddhika 15th Open University Research Session, 201716<sup>th</sup> & 17<sup>th</sup> November
- 8. Anoma Alwis, Malani Munasinghe, T.D.T.L.Dhanapala, Hemanthi Anuruddhika, K.Ketheeswaran and Saminda Kurruppu., (2017), Developing Language and Early Literacy Skills of a Preschool Child with Global Developmental Delay.15<sup>th</sup> Open University research sessions, p. 37-42, ISSN 2012-9912.

- Anoma Alwis, Malani Munasinghe, T.D.T.L.Dhanapala, Hemanthi Anuruddhika, K.Ketheeswaran and Saminda Kurruppu., (2017), Developing Language and Early Literacy Skills of a Preschool Child with Global Developmental Delay.15<sup>th</sup> Open University research sessions, p. 37-42, ISSN 2012-9912.
- Anoma Alwis, Malani Munasinghe, T.D.T.L.Dhanapala, Hemanthi Anuruddhika, K.Ketheeswaran and Saminda Kurruppu., (2017), Developing Language and Early Literacy Skills of a Preschool Child with Global Developmental Delay.15<sup>th</sup> Open University research sessions, p. 37-42, ISSN 2012-9912.
- 11. K.Ketheeswaran., (2017), Pedagogical benefits of the theory of Multiple Intelligence for teachers in understanding needs of diverse learners (Tamil), PARVAI, Faculty of Education, the Open University of Sri Lanka, Vo-7, p 78-96.ISSN 2012-8134.
- 12. NfjP];tud;> (2017)> ",yq;ifj; jpwe;j gy;fiyf;fofj;jpd; fw;ifnewpfs;"> fhiu tre;jk; 2017> fdlh fhiu fyhrhu kd;wk;> gf;fk; 81-85.
- 13. Developing Language and Early Literacy skills of a preschool child with Global Developmental Delay"
- 14. Anoma Alwis, Malani Munasinghe, T.D.T.L.Dhanapala, Hemanthi Anuruddhika, K. Ketheeswaran, Saminda Kuruppu 15th Open University Research Sessions-2017
- 15. Hiroko Furuta and K. A. C. Alwis (2017) Teaching Students with Special Educational Needs in an Inclusive Educational Setting in Sri Lanka: Regular Class Teacher' View, Journal of International Cooperation in Education Vol.19 No.2,p1-18
- Gonsalkorala, L.G., Sudarshana, M.L. (2017). Teachers' Existing Learning Practices and Communication Skills Conducive to Online Learning. Open University Research sessions- OUSL 2017 (16th & 17 November)
- 17. Sudarshana, M.L.,(2017). Skills and Practices the Graduate Teachers Should Have to Become Successful Online Learners and Their Provincial Wise Differences The 31 Annual Conference of the Asia Association of Open Universities (AAOU) 2017 (27-29 September 2017)
- 18. Sudarshana, M.L. (2017). Teaching Learning Stimulators. European Journal of Education Studies. Volum 3/Issue3/2017. ISSN 2501-1111
- Gonsalkorala, L.G., Sudarshana, M.L. (2017). Teachers' Existing Learning Practices and Communication Skills Conducive to Online Learning. Open University Research sessions- OUSL 2017 (16th & 17 November)
- 20. Currently the research team leader of the ongoing Education Faculty Board Research on the "Teachers Readiness to follow Online Professional Development Courses"

- 21. Articles published in the Faculty of Education of the OUSL Sinhala magazine Adeeksha.Research articles published in International refereed journals
- 22. Article published in European Journal of Education Studies, ISSN: 2501-1111, ISSN-L:2501-1111. Volume 3/issue 7/2017, doi105281/zenodo83377 under the title "Student Teachers' Progress in Teaching Practice under the Supervision of Master Teachers"
- 23. Article published in International Journal of Novel Research In Education and Learning, Vol 4, issue 3, pp (26-32), Month May June 2017 under the title "ODL Printed Materials and the Provision of Interaction"
- 24. Article published in International Journal of Novel Research In Education and Learning, Vol 4, issue 4, pp (18-25), Month July August, 2017 under the title "Problems Faced by OUSL Study Centres Then and Now"
- 25. Presented a research paper at the AAOU conference 2017 in Indonesia on the title of "Skills and Practices the Graduate Teachers should have to become successful online learners and their provincial wise differences" with Mr. M.L. Sudarshana.
- 26. Published an article on A statistical analysis of test scores in Sinhala (vibaga lakunu pilibanda sankya vidyathmaka viggrahayak) in Addeksha magazine 2017 of the Faculty of Education.
- 27. Study on Achievement Level of the Grade 3 Sri Lankan Primary School Students, Department of Early Childhood and Primary Education, Faculty of Education The Open University of Sri Lanka September 2017 Prof. P.C.P. Jaufer, Mrs. D.M.W. Munasinghe Team Leader, Mr P. Seneviratne, Dr. T. Mukunthan, Mrs. P.R.D. Chathurika, Dr. K.A.C. Alwis, Mrs. P.L.N.R .Rajapaksha, Mr. S.I. Sriranganathan Mrs. Kumadumalee De Silva (NIE) Sponsorship of this study by the Ministry of Education (MOE)
- 28. Preschool teachers' concerns on educational theories and views of educationists to develop creativity in the teaching- learning process 26th International Conference on Teaching Education and Learning ((ICTEL), 08-09 November 2017, Singapore
- 29. Developing language and early literacy skills of a preschool child with Global developmental delay Collaborative research with Special needs education
- 30. මුල් ළමාවියට භාෂා සංවර්ධන ඛ්යාකාරකම්"(Language Development Activities to Early Childhood), wOHdmksl' ISBN 978-955-0857-01-2
- 31. ීළමා කව් ගී සොබා (Lama Kavi Gee Soba)" ළමා සානිත සහ අධ්යාපනික, (මුල් ළමාවිය නා පාථමික අධ්යාපන අවධියේ ළමයින්ගේ දෙමව්පියන්ට හා ගුරුවරුන්ට අත්පොතකි.) ISBN 978-955-0230-29-7
- 32. ළමා සිතට කව් ගී් (Lama Sithata Kavi Gee), අධනපනික, ISBN 978-955-584-538-0

- 33. A study on student teachers perception on the continuous assessment methods of the Post Graduate Diploma in Education programme S. Kugamoorthy, W.M.S.Weerakoon, W.M.S. Wanasinghe, J.D.Careemdeen
- 34. Introduction of the Curriculum W.M.S.Wanasinghe & F.M.nawastheen Adeeksha (2017) Faculty Magazine Faculty of Education, OUSL
- 35. A study on the problems face by students with special needs when engaging in class room activities with normal students .A thesis on Improving the correct use of Be verbs as a main verb and helping verb among grade 09 students using tense
- 36. Impact of School based projects implemented by Student Teachers of the Post Graduate Diploma in Education Programme, 2011, The Open University. (with others)- presented a research paper in OUSL annual academic sessions.
- 37. An Analytical study on the Project component in Teaching practice stage Two of the Post Graduate Diploma in Education Programme, 2011, Open University (With others)- presented a research paper in OUSL annual academic sessions.
- 38. How parents should intervene to Social needs of School Aged Adolescents- Article to Faculty Journal 'Adiksha' (2011)
- 39. Designing an Online learning environment on Open Educational Resources for Science Education. (with others)- AAOU Journal vol.8, No.1 March2013
- 40. Perceptions of Student teachers of an Online learning Environment on Open Educational Resources for Science Education (2013)- with others –presented a paper for Open University annual academic sessions.
- 41. An OER -integrated Online learning environment to enhance knowledge costruction in Chemistry at Secondary School Level (with others)- presented a paper at the International conference on Chemical Education (2014)
- 42. Encourage Self-regulated learning among Open and Distance Learners: A literature review of existing instructional strategies and specific tools for encouraging self-regulation (2014)- presented a paper at annual research symposium, University of Colombo.
- 43. An investigation of the present status of self-regulated learning skills of university students studying in the open and distance learning environment (2015)- presented a paper at annual research symposium, Colombo University.
- 44. Developing self-regulated learning skills in university students studying in the open and distance learning environment (2016) presented a paper at annual research symposium, the Faculty of Education ,Open University.

- 45. Adopting Motivated Strategies for Learning Questionnaire to assess self-regulated learning skills in university students (2017)- presented a paper at annual research symposium, University of Colombo.
- 46. Zarookdeen, S.S. (2017). Contribution of classroom management on effectiveness of teaching and learning process; PAARVAI, Faculty of education, the open university of Sri Lanka, vol.7. p.12.23.
- 47. A study on the implementation of Education for sustainable development (ESD) in the Secondary School Geography Curriculum in Sri Lanka.

## A.2 Faculty of Engineering Technology

## **Department of Agricultural & Plantation Engineering**

#### Award and Research Publications of Prof C.S De Silva for the year 2017

#### **Award**

Annual Research Award for year 2016 by the Open University of Sri Lanka, presented at the OURS2017.

#### **Journal Articles**

- Rushton KR, De Silva CS (2017). Abstraction Strategies for Irrigation from large diameter wells.
   Water Resources Management (31:2257–2270) DOI 10.1007/s11269-017-1641-6 (Science Citation Index Journal. Impact factor 2.437)
- T.Rageendrathas and C.S.De Silva (2017). Effect of bio-char on growth and yield of onion (allium cepa) and soil properties of Calcic Red Yellow Latasols in Jaffna District. Journal of Engineering and Technology of the Open University of Sri Lanka (JET-OUSL), Vol.5, No.1, 2017, pp 21-35.

#### **Extended Abstracts in Conference Proceedings**

- 3. K.I.C. Amarasinghe, P.T.N.Dishani, C.S De Silva and L.K.R.R (2017). Preliminary study on induced temperature and water stress on yield parameters of Tissue Cultured *Ananas comosus* (Pineapple)- variety Kew. Proceedings of the 15<sup>th</sup> Open University Research Sessions-OURS2017, pp 429-434.
- 4. Partlee Samarakody and C.S De Silva (2017). Impact of excessive use of phosphorus fertilizers on soils in the central Highlands of Sri Lanka and possible Health Hazards. Proceedings of the 15<sup>th</sup> Open University Research Sessions-OURS2017, pp 439-444.
- 5. P.T.N.Dishani and C.S De Silva (2017). Farmer's perception on climate change and coping strategies; A case study in Major Irrigation Schemes of Puttlam District. Proceedings of the 15<sup>th</sup> Open University Research Sessions-OURS2017, pp 445-450.
- 6. W.B.O.N.Kumari, D.N Sirisens and C.S De Silva (2017). Investigation of farmers level problems for low productivity of paddy cultivation in Mahagirilla Agrarian Services Division of Sri Lanka. Proceedings of the 15<sup>th</sup> Open University Research Sessions-OURS2017, pp 451-454.
- 7. P.Maheswaran, C.S De Silva and T Karunainathan (2017). Effect of different Irrigation Methods and Mulches on leaf Curl Complex Attack in Chilli in Jaffna District. Proceedings of the 15<sup>th</sup> Open University Research Sessions-OURS2017, pp 465-470.
- 8. Ahilan Krishnapillai and C.S De Silva (2017). Growth and yield performance of newly introduced Chilli Variety (Capsicum Annum L. var. MI) grown under Basin Irrigation System in Jaffna District of Sri Lanka. Proceedings of the 15<sup>th</sup> Open University Research Sessions-OURS2017, pp 471-476

## **Full paper refereed Journal**

 Somarathna Thikshani, Premakumara GAS, Akbarsha A. Mohammad kadalmani Balamuthu, Weerakkody Sevwandika Nimsha 2017 In vitro antibacterial activity of selected underutilized plants and cytotoxic property of Terminalia catappa International Journal of Pharmacy and Pharmaceutical Sciences 9, 12, 2017

#### Abstracts at conferences

- Somarathna T Ranaweera KKDS, Weerakkody 2017 Synergistic anti- bacterial, antibiofilm activity of A malacesnsis and T. Catappa International Symposium on Traditional and complementary Medicine, Educatuonal Exhibition and Trade Fair 23<sup>rd</sup>-25<sup>th</sup> November 2017 Waters Edge Colombo
- A.M.H. Athapaththu, N.Priyankarage, N.S.Weerakkody, P.S.Fernando 2017 Selection of Suitable Anti-Oxidant to Extend the Keeping Quality of Palm Kernel Cake. World's Poultry Science XVIth Annual Scientific Sessions Hotel Taj Samudra Colombo 15<sup>th</sup> September 2017
- 3. MPU Isuranga, H Pasqual N S Weerakkody 2017 Smart Electronic Analyser for Detection of Chic ken Meat Spoilage. 111<sup>th</sup> Annual Sessions of the IESL BMICH Colombo 23<sup>rd</sup> -24<sup>th</sup> October 2017.
- 4. H.Amarasinghe, V. Waisundara **N.S Weerakkody** 2017. Evaluation of aphysicochemical properties and antioxidant activities of Kombucha "Tea Fungus" during extended period of fermentation. International conference on advances in Tea BMICH Colombo 12-13th August 2017.
- 5. Somarathna T Ranaweera KKDS Premakumara GAS, Weerakkody N S 2017. In-Vitro Antibacterial Activity of Underutilized Plant Crude Extracts Against Food-Borne Pathogens, 6th International Symposium of Sabaragamuwa University of Sri Lanka (ICSUSL). Kandy 3-5<sup>th</sup> May 2017.

## **Participation TV Other Media**

1. Worlds Milk day "Talk on Nutritional value of Milk" Rupavahini Nugasevena programme 1st June 2017

#### For 4 Local Awards for 1 Student

1. ENG. E W Karunaratna Award -20\6|20L7 best undergraduate project in electrical engineering Early detection device for Microbial spoilage of food Mr MPU Isuranga, Ms H Pasqual, Dr N. S Weerakkody.

#### **Journal Article**

**1. Chandrasekera, B.S.G.**, Fluess, H., Zhao, Y.C., Trigiano, R.N., Winkelmann, T. (2017). In vitro plant regeneration from ovules of Taraxacum officinale and Taraxacum koksaghyz. African Journal of Biotechnolodgy, 16(34), 1764-1775.

#### **Extended Abstracts**

- 1. Madubashini, K.G.R., **Chandrasekera, B. S. G.** (2017). A preliminary study on drinking water availability during 2017- flash floods in Diyagama, Kalutara District of Sri Lanka: Proceedings of the 15 <sup>th</sup> Open University Research Sessions (OURS 2017).
- 2. Jinendri, G.H.U., **Chandrasekera, B.S.G.** (2017). The potential of applying green technology for The Open University of Sri Lanka: Proceedings of the 15 <sup>th</sup> Open University Research Sessions (OURS 2017).

#### **Posters**

1. Bandusena, M.K.B., **Chandrasekera, B.S.G.**, Edirisinghe, E.S.C. (2017). Development of cryopreservation protocol for Banana Variety `Ambul' (*Musa* spp.) using vitrification technique: Istanbul (Turkey): II International Symposium on Micropropagation and In Vitro Techniques. (accepted for oral presentation).

#### **Research Publication 2017**

- Determination of Appropriate Water Tariff for Kandy City, Sri Lanka: An Application of Choice Modeling Approach" with Paper ID "SMHB-17-845" has been accepted for publication and Oral Presentation in "Sixth International Conference on Advances in Social Science, Management and Human Behaviour - SMHB 2017" that is going to be held at Rome, Italy.09-10 December 2017.S Thrikawala and LHP Gunarathne.
- 2. Nijamdeen, T.W.G.F.A. Mel, P,K,J de Mel., Malathy, P. (2017). Evaluation of Growth and Yield Performance of Selected Lines of Yard Long Bean (*Vigna unguiculata* subsp. *Sesquipedalis*) during Off Season in Mid Country Wet Zone. Proceedings of the 15 <sup>th</sup> Open University Research Sessions (OURS 2017).
- 3. Kohombange S., Gunasekera H.K.L.K. and Kirindigoda S (2017). Effect of Various Concentrations of Nitrobenzene on Bell Pepper (Capsicum annuum L.) Yield under Green House Condition. International Journal of Horticulture, 4:4.ISSN:2376-0354.
- 4. Chamini D.A.M.N., Gunasekera H.K.L.K and Krishnaraja S.A (2017). Effect of growth hormones and de-topping on *Cordyline terminals* `Red edge'. Proceedings of IV International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions PQMHP 2017, 21.

- 5. Sewwandi H. P. T. I., Gunasekera H.K.L.K and Krishnaraja S. A. (2017). Production of spiral from Dracaena sanderiana canes as value added products. Proceedings of IV International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions PQMHP 2017, 7.
- 6. Nisansala A. D. N. S., Gunasekera H. K. L. K. and Wickramasinghe M. C. (2017). Enhancing vase life of Gerbera Jamesonii by using glucose and calcium nitrate, 10<sup>th</sup> National Symposium on Floriculture Research (NASFLOR-2016), Department of National Botanic Gardens Peradeniya in collaboration with Sri Lanka Council for Agricultural Research Policy (CARP),10:18.
- Wijewickrama M.M.S., Gunasekera H. K. L. K., M.M.D.J. Senarathna and Krishnaraja S.A (2017). Effect of cytokynin and subsequent de-topping on axillary shoot formation of *Dracaena reflexa* 'Song of India', 10<sup>th</sup> National Symposium on Floriculture Research (NASFLOR-2016), Department of National Botanic Gardens Peradeniya in collaboration with Sri Lanka Council for Agricultural Research Policy (CARP),10:1.
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- 9. G.L.E.P. Perera, G.C.R. Dayarathna, H.K.M. Perera, B.C.L. Athapattu, Kasun De Silva & G.A.A.U. Perera Engineered Wetland System for Enhancing Aquatic Environment of Urban Canals for Transportation: Case Study on Kirulapone Canal in Colombo, Sri Lanka,. 5th International Symposium on Advances in Civil and Environmental Engineering Practices for Sustainable Development, Galle, Sri Lanka,2107
- 10. M.S.T. Priyadarshana, P.B.R. Dissanayake, A. Senarathne EFFECTIVE USE OF MANUFACTURED SAND IN HIGH PERFORMANCE CONCRETE. Proceedings of the 08th International Conference on Structural Engineering and Construction Management 2017, Kandy, Sri Lanka, 07-09 December 2017.
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## **Department of Electrical and Computer Engineering**

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- 2. Economical Colorimetric Smart Sensor to Measure Water Quality of Drinking Water in CKDu Prevalence Areas. S.A.D.A.N Dissanayake, H Pasqual and B.C.L Athapattu, IEEE Sensors Journal, Vol.17, Issue 18, 2017, ISSN: 1558-1748
- 3. Reliable delay-sensitive spectrum handoff management for re-entrant secondary users, Premarathne, U.S., Khalil, I. and Atiquzzaman, M., Ad Hoc Networks, Elsevier, Vol.6, 85-94, November 2017, ISSN: 1570-8705.
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- 2. Capacity Enhancement of Micro Hydro power plant at Demodara Tea Estate for Net metering.R.H.G Sasikala, L.A Samaliarachchi, U.S. Dissanayake, JET-OUSL, Issue:2017 Vol 5, no
- 3. Impact of Electric Vehicle Loads on the System Load Profile of Sri lanka.R.M.G.D. Ranatunga, L.A Samaliarachchi, ENGINEER, Vol. L, No. 4, October 2017, ISSN 1800-1122
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- 5. Development of Software Defined Radio (SDR) Receiver, M.H.M.N.D. Herath, M.K. Jayananda, ET-OUSL, Vol. 05, No. 01, March 2017, ISSN 2279-2627

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- 2. Proposal of a Novel Method to Determine the Required Storage for Photovoltaic Systems to Create Virtual Inertia. B. Mayanthi Wathsala P. Gunarathna, I.A. Premaratne, 19th 20th November 2017, National Energy Symposium, Colombo, Sri Lanka
- 3. An Expert System to Generate Chords for Melodies Composed in Eastern Music Format. E.A.D. Yasith Chathuranga, H.U.W. Ratnayake, I.A. Premaratne, July 2017, pages 501-504, IEEE International Conference on Computer, Communications and Electronics 2017, Manipal University Jaipur, Jaipur India.
- 4. Vehicle Service Date Prediction System Using Lubricant Viscosity Degradation Pattern. A.J.M. Dayawantha, I.A. Premaratne, July 2017, pages 403-407, IEEE International Conference on Computer, Communications and Electronics 2017, Manipal University Jaipur, Jaipur India.
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- 8. Reliability analysis of trust based federated identity management in InterCloud: A graph coloring approach, Premarathne, U.S., January. 2017 (pp. 345-348), In proc. 14th IEEE Annual Consumer Communications & Networking Conference (CCNC), USA.
- 9. MAG-SIoT: A Multiplicative Attribute Graph Model Based Trust Computation Method for Social Internet of Things, Premarathne, U.S, December 2017, 12th IEEE International Conference on Industrial and Information Systems, Kandy, Sri Lanka.
- Smart Electronic Analyzer for Determination of Chicken Meat Spoilage, M.P.U. Isuranga, H. Pasqual and N.S. Weerakkody, Annual Sessions of IESL, pp. [447 - 453], 2017 © The Institution of Engineers, Sri Lanka
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- 13. Minoli Perera, Cassim Farook, DR. A.P Madurapperuma, Automatic Video Description for Human Action Recognition, National Information Technology Conference (NITC 2017), 2017

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- 5. Timing correction of frequency demodulation of an FM signal by zero crossing detection by digital signal processing. M.H.M.N.D. Herath, SLAAS, Nawala, Nugegoda, Sri Lanka, Dec 2017.
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- 8. Portable Electronic Curd Quality Tester, November 2017, R. P. Gangodagamaarachchi, H Pasqual, S. Jayathilake, 15th Open University Research Sessions OURS 2017.

## **Department of Mathematics & Apparel Technology**

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- 2. K. D. N. Kumari and J. K. Wijerathna ,Sensitivity of the thermal performance of a water-in-glass evacuated tube solar water heater to the tube inclination angle
- 3. K. D. N. Kumari Sensitivity of the thermal performance of a water-in-glass evacuated tube solar water heater to the tube inclination angle
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- 6. B. D. Witharana, Imagining the Industrial Nation of Ceylon: Aberdeen Laxapana Hydro Electric Scheme (1900-1936)"
- 7. J. A. D. F. M. Jayathilake ,Knowledge and culture Minzu University of China

## **Department of Textile & Apparel Technology**

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- 2. Perera MER, Gunasena A.S.S; Investigating the effect of the variations of stitch density on seam puckering, Research sessions, OURS 2017, P93-97, 2017
- 3. HACM Perera, MAI Perera, DI Fernando; Study of the Compressive Strength of Kitul Palm Fibre Reinforced Concrete Composites, Research sessions, OURS 2017, P119-121, 2017
- 4. KVC Kehelpannala, CN Herath, Flexural Behaviour of Polyester/Cotton Plain Woven Fabrics with Superimposed Seam, Research sessions, OURS 2017, P123-128, 2017
- 5. RANS Wijesingha, MAI Perera, Developing Sanitary Napkins Using Corn Husk Fibres, Research sessions, OURS 2017, P129-132, 2017
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- 10. Fernando, TN., Ariadurai, SA., Disanayaka, CK, Kulathunge, S., Aruggoda, AGB., Biodegradable Super Absorbent Polymer (SAP) developed by using the domestic microwave oven and reduced continues watering in household crops cultivation, 4th International Conference on Recent Trends in Management, Humanities, Business and Technology, Bangkok, Thailand, 13-14 February 2017
- 11. Perera NWPS, Fernando CAN, Ariadurai SA., Removal of Methylene Blue by Adsorption onto Activated Carbon Developed from Bristle Coir Fibre, Proceedings of the Wayamba University Research Congress, 2017, pp 3 -4

- 12. Ariadurai SA, Importance of Lifelong Learning for Teachers, Key Note Speech at the Annual Award sessions of the National Institute of Education, BMICH, Colombo, January 2017
- 13. Ariadurai SA, Role of a Twenty First Century Librarian, Thirteenth Annual Conference, NACLIS 2017, of the Sri Lanka Library Association, Colombo, 29 June 2017
- 14. Ariadurai SA, Leadership in Open and Distance Learning University Sri Lankan Experience, 31st Annual Conference of the Asian Association of Open Universities, Yogyakarta, Indonesia, 27 -29 September 2017

### **Student Projects**

- A study to find out the effect of various dust particles on health of the workers in a selected garment factory
- 2. Impact of clothing retail stores 'online visual merchandisng display elements on consumer buying behavior
- 3. Reducing the change over time in the sewing floor of ABC (Pvt) Ltd
- 4. Analysis of factors affecting labour turnover intention in a large scaled apparel industry in Sri Lanka
- 5. A study to improve the efficiency of the sample approval of the factory ABC
- 6. Minimizing defects in the sewing department of ABC (Pvt) Ltd
- 7. Impact of social media on clothing retail business in Sri Lanka
- 8. Analysing the strength and stiffness of sewn and bonded seams used in sportswear
- 9. To improve OEE (Overall Equipment Effectiveness) of Stenter machineries
- Eco-friendly dyeing of cotton fabric using natural colourant extracted form Centella Asiatica
   (Gotukola)
- 11. Analysis of the retention of the compression against washing of compression garments made of the knitted and printed techniques
- 12. The factors affecting Voluntary Turnover Intention of employees in ABC company
- 13. Investigation of the variation of Twill cotton fabric properties during garment washing
- 14. A study on factors affecting purchase decisions of females for casual wear
- 15. An investigation of problems and challenges faced by handloom manufacturers in Sri Lanka
- 16. Reduce the quality rejections in the sample room of ABC (Pvt) Ltd
- 17. Extraction of natural dye from the leaves of Ketakala (Bridelia Retusa)
- 18. Reduce internal operation cost
- 19. Investigate the problems faced by handloom Saree weavers in Kandy district
- 20. Effect of Knitted Stitch Length on the Physical Properties and Characteristics of Flat Bed Knitted 100% Cotton 1x1 Rib Fabrics

- 21. Investigate the delays in embroidery department of XYZ (Pvt) Ltd and make suggestions to improve on time delivery
- 22. Manufacturing a disposable paper bag using Reed fibres
- 23. Dyeing silk fabric using Natural dye extracted from Amla
- 24. Sri Lankan coir fibre based reinforced concrete composite
- 25. Developing natural dye using Henna leaves
- 26. Investigate improvement opportunities of on time delivery of colour samples of Soma Account at MDS Rathmalana
- 27. Value added product from Pineapple leaf fibres

## A.3 Faculty of Health Sciences

## **Refereed Indexed Journals**

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- Chulani Herath, Yanfeng Zhou, Yong Gan, Naomi Mkandaweire, Yanhong Gong, Zuxun Lu, (2017) A Comparative Study of Interprofessional Education in Global Health Care: A Systematic Review, Medicine. 96(38):e7336. doi: 10.1097/MD.0000000000007336.
- 3. Yong Gan, Jiang Wu, Shengchao Zhang, Liqing Li, Xiaoxv Yin, Yanhong Gong, Chulani Herath, Naomie Mkandawire, Yanfeng Zhou, Xingyue Song, Xiaozhou Zeng, Wenzhen Li, Qiaoyan Liu, Chang Shu, Zhihong Wang, and Zuxun Lu, (2017) Prevalence and risk factors associated with stroke in middle-aged and older Chinese: A community-based cross-sectional study, Scientific Report. 7: 9501. doi: 10.1038/s41598-017-09849-z

#### **Refereed Non-Indexed Journals**

- Kodithuwakku, M.G.R.D., Wattegedara, P.M.K., Samarasiri, D.G.C.N., Rajanayake, I.G., Senadheera, A.S.P.L. & De Silva, B.S.S. (2017). Women's experiences on menopause, in District General Hospital, Matale. OUSL Journal, 2017.
- 2. Menikdiwela, K.R.& Věra Vojtova (2017). Attention-Deficit/Hyperactivity Disorder Through Sri Lankan Primary School Teachers' Eyes. Journal of Education & Practice, 8 (2),
- M.A.J.D. Mallawa Arachchci, A.G.D. Kumari, R. Wickramasinghe, N.R. Kuruppu, AVP Madhavi (2017). Stigmatization in Leprosy: A Descriptive study from patients' perspective in Sri Lanka. Scientific Research Journal (SCIRJ), Volume V, Issue IX, 10, ISSN 2201-2796
- 4. Mallawa Arachchci, M.A.J.D., Kumari, A.G.D., Wickramasinghe R., Kuruppu N.R. & Madhavi, A.V.P. (2017). Stigmatization in Leprosy: A Descriptive study from patients' perspective in Sri Lanka. Scientific Research Journal, 5(ix), 10-13.
- 5. Rathnayaka, R.M.A.K., Nimalika, W., Suranji, M.D.C., Kuruppu, N.R. & Madhavi, A.V.P. (2017). Quality of life of patients with type 2 Diabetes Mellitus: A descriptive study in Sri Lanka. International Journal of Applied Research, 3(9), 503-505.

- 6. Sriyani, K.A. (2017). Wound care management and dressing materials. International Journal of Applied Research. 3 (12): pp. 7-9 (Short review).
- 7. Sriyani, K.A. (2017). Lifestyle Management of Diabetes Mellitus. EC Diabetes and Metabolic Research. SI.01: pp 01-02 (Short communication).

#### **Conference Proceedings - Abstracts**

#### **Overseas**

- Rathnayake, C. M., Halyale, M. G., Tharanga, N., Herath, S. P., & De Silva B. S. S. (2017). Factors related to late presentation of breast cancer among Sri Lankan women. 12<sup>th</sup> Asia Pacific Hospice Conference; Singapore 2017, 1872.
- 2. Ekanayake, E. M. J. K. B., Jayasinghe, R.S., Jayasundara, N.T., Thakshila, G.S.M., Senadheera, A.S.P.L. & De Silva, B.S.S. (2017). Patients' experiences on end stage renal disease: a qualitative study. National Research Forum, Taiwan.
- 3. Jayatilleke, B., Ranawaka, G., Wijesekara, C. & Kumarasinha, M. (2017). Development and testing of a mobile application through design-based research, Proceedings of the 31st Annual Conference of the Asian Association of Open Universities, 27-29 September 2017, Yogyakarta, Indonesia, p. 49.

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- Jayatilleke, B.G., Wijesekara, G.G.W.C. & Ranawaka, G.R. (2017). Access and use of etechnologies by the undergraduates of the Faculty of Health Sciences. 15th Open University Research Sessions- OURS 2017. ISSN 2012-9912, p.5-9.
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- Monika, K., Wijerathne, H.G.I., Gunarathne, G.A.M.I.L., Wijesekara, G.G.W.C. & Madhavi, A.V.P. (2017). Mothers' experience of having a child with Autism Spectrum Disorder. 15<sup>th</sup> Open University Research Sessions- OURS 2017. ISSN 2012-9912, p.209-212.

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- Aththiligoda, V.G.A.A., Kumara, H.T.R., Wijesinghe, W.A.N.M., Chamari, A.D., Senadheera, A.S.P.L. & De Silva, B.S.S.S. (2017). Factors related to theory practice gap among student nurses. 15<sup>th</sup> Open University Research Sessions. The Open University of Sri Lanka, ISSN: 2012-9912, 203-207.
- 7. Premadasa, K. H. A. D., Malkanthi, M. G. S., Kumarage, K. D. S. U., Herath, H. M. S. P., & De Silva. B. S. S. (2017). Factors related to readmission of patients with Schizophrenia. 10<sup>th</sup> International Research Conference of General Sir John Kotelawala Defense University Sri Lanka, 51.
- 8. Dissanayaka, D. M. T., Amaradasa, Y. S., Herath, H. M. S. P., & De Silva, B. S. S. (2017). Factors related to anemia among under five years children in Monaragala District. The Scientific Sessions 2017; Faculty of Medical Sciences, University of Sri Jayawardhanapura, 85.
- Manike, P. A. D. P., Wetakepotha, W. G. S. M., Inoka, D. M., Mendis, S. A. C. S., Herath, H. M. S. P., & De Silva, B. S. S. (2017). Factors related to anemia among pregnant women in Ampara district. The Scientific Sessions 2017; Faculty of Medical Sciences, University of Sri Jayawardhanapura, 86.
- Kumarasinghe, A. P., Kumarasiri, S. D. L., Galahitiyawa, G. K., Rathnayaka, R. M. I. K. & Herath, H. M. S. P. & De Silva, B. S. S. (2017). Factors related to fluid overload among patients with end stage renal disease undergoing hemodialysis. Annual Research sessions 2017 Eastern University, Sri Lanka, 27.
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- 15. Lakmali, H.T.P., Dharmathilaka , A.W.D.S., Herath, H.M.S., Weerasekara, K.D.S.N., Rajakulasooriya, R.S.R. & B.S.S. De Silva. (2017). The reasons for delayed presentation of breast cancer: a descriptive study at the Teaching Hospital, Kandy. 15<sup>th</sup> Open University Research Sessions 2017, 181.
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- Job Satisfaction And Intent To Leave Among Graduate Teachers in Government Schools in Sri Lanka: Special reference o Jaffna District 2017 Kanojan.K
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- Predictive Drivers of Students Satisfaction in Open Distance Learning in Sri Lanka, 2017 Perera,
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- 7. Women, ethnography and the 'other': A Methodological Reflection Published in: 2017 Seneviratne,P.
- 8. Women, the 'ongoing process of worldwide primitive accumulation' and female plantation workers of Sri Lanka: A Marxist Feminist Analysis, 2017 Seneviratne, P.
- 9. The Impact of customer orientation on relationship marketing, 2017 Satgunaligam, R.
- Can Supplier Governance Improve Sustainable Performance of Manufacturing Firms? 2017
   Sapukotanage, S
- 11. Democratic Accountability of Elected Representatives: Appraising of the decision making process in local electoral systems 2017 Mrs. Wickramasinghe. TA
- 12. Representing Women Our Way: And English Language Teaching Television Programme in Sri Lanka 2017 Dr. Medawattegedera V. V.

## **Department of Legal Studies**

- The UN Water Convention; Its Applicability in India, Bangladesh and Sri Lanka 2017 Mrs.H.N.D
   Gamalath
- The UN Water Convention; Its Applicability in India, Bangladesh and Sri Lanka 2017
   Mrs.S.Hewameealla
- The UN Water Convention; Its Applicability in India, Bangladesh and Sri Lanka 2017 Mrs.H.N
   Damayanthi
- International Criminal Court: An extension of national Criminal Jurisdiction 2017 MRS B.A.A.R
   Ariyaratna
- European court of Human Rights (EC HR) again ruled against the full face veil (case note on Fouzladakir v. Belgium (4619/12) and Belcacemi and Ousar v. Belgium) 2017 MRS M.K.G Jeewanthie
- 6. Sexual harassment in workplace- does law adequately address 2017 MRS M.K.GJeewanthie
- State responsibility and legal framework of Sri Lanka in food safety 2017 MRS M.K.G
   Jeewanthie
- 8. A state does not have the legitimate capacity to execute the death penalty under Human Rights law and values.2017 MRS M.K.G Jeewanthie
- Patenting Software Related Inventions in Sri Lanka: Comparative Analysis with Reference to United States of America, United Kingdom and Europen Union 2017 Mr W.A. W.A. Sanath Sameera Wijesinghe
- 10. "Comparative Analysis of Collective Management Organizations of Copyrights and Related Rights; With Special Reference to Sri Lanka", (Extended Abstract)2017 MrW.A.W.A. Sanath Sameera Wijesinghe
- "Sri Lankan Symbol of International Law An Appriciation of Late Judge C.G. Weeramantry"2017 Mr W.A.W.A. Sanath Sameera Wijesinghe
- 12. Incorporating environmental concern into the bilateral investment treaties of South Asian Countries. 2017 Ms S. Janaka
- 13. Full Protection and security clause in the Bilateral investment treaties of South Asian Countries. 2017.Ms. S.Janaka
- 14. Statue of Transgender as gender sexual minorities in South Asia- A Legal analysis under International Law. 2017 Ms.S.Janaka
- Protection of women in non international armed conflict- A feminist Perspective 2017
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- 16. Protection from sexual Harrassment at workplace a comparative legal Analysis of Indo-Lanka legal system.2017 Ms S.Janaka
- 17. The legislator becomes the Transgressim- the predicament of the Up-Country Tamil: An Apprasal .Ms.S.Janaka
- 18. Effectiveness of Environment Impact Assessment (EIA) on Suistainable Development in India Mrs.D.M.N.M .Jayarathna
- 19. The Relationship between Right to Life in Modern Human rights context and Right to life in Buddhism Mrs D.M.N.M.Jayarathna
- 20. Challengers, Protection and social Intergration of Elders in Sri Lanka Mrs D.M.N.M Jayarathna
- 21. The need of Judicial review on military justice system in Sri Lanka: A comparative study with United Kingdom and United states .Mrs D.M.N.M Jayarathna

## **A.5 Natural Sciences**

## **Department Of Botany**

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- 10. Kuruppuarachchi, K.A.J.M.; Madurapperuma, B.D.; Seneviratne G.(2017). Floristic composition and carbon sequestration of "Indikada Mukalana" Forest Reserve, Waga, low land wet zone of Sri Lanka;22<sup>nd</sup> International Forestry and Environment Symposium, University of Sri Jayewardenepura, 10th and 11<sup>th</sup>, November,2017; Tangerine Beach Hotel,Waskaduwa,Sri Lanka.P. 54 (Abstract published and oral presentation)

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- Dependence of graduation rate on entry qualifications in the B.Sc. programme at the Open University of Sri Lanka: A case study, G. Bandarage, Presentation at the Open University Research Sessions 2017, 16<sup>th</sup> and 17<sup>th</sup> November, 2017, at the Open University of Sri Lanka, Nawala, Sri Lanka
- Dr. R. Senthilnity, Research Presented: Computational Studies on Inhibition of Epigenetic Modifications of Cancer Codes, COMPUTATIONAL STUDIES ON INHIBITION OF HISTONE DEACETYLATION BY HYDROXAMIC ACID DERIVATIVES: AN IN-SILICO APPROACH

- H. M. P. Hewavitharane<sup>1</sup>, G. R. Ranawaka<sup>2</sup>, M. D. J. S. Saparamadu<sup>3</sup>, R. G. Premaratne<sup>4</sup> and H. T. R. Jayasooriya<sup>2\*</sup>, (2017). "Prevalence and bionomics of *Anopheles* species in a gem mining area in Moneragala District of Sri Lanka ", OURS 2017.
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- 6. Qualitative and Quantitative Analysis By Dr.S.R.Hettiarachchi, Published at Godage PVT Ltd
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- Wickramaarachchi WPTM, Perera SSN (2017), "The nonlinear dynamics of the dengue mosquito reproduction with respect to climate in urban Colombo: a discrete time density dependent fuzzy model", Int. J. Mathematical Modelling and Numerical Optimisation, Vol. 8, No. 2, Inderscience Publishers, pp 145-161 [DOI: 10.1504/IJMMNO.2017.10007737]
- Wickramaarachchi WPTM, Perera SSN (2017), "Impact of Climate Changes on Dynamics of Dengue Transmission in Sri Lanka", International Journal of Pure and Applied Mathematics, Vol 117, Issue 11, [ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)]
- Wickramaarachchi WPTM, Perera SSN (2017), "A non-probabilistic temperature dependent dynamic model for dengue transmission in urban Colombo", International conference on Computational Modeling and Simulation 2017, Faculty of Science, University of Colombo, pp 137-140

- 5. Gnanapragasam, S. R. (2017). An empirical study on human leptospirosis cases in the western province of Sri Lanka, OUSL Journal 12(1), 109-127.
- 6. Gnanapragasam, S. R. (2017). A multivariate approach to classify the districts of Sri Lanka based on the cost of living, International Journal of Information Research and Review 4 (5), 4128-4132.
- 7. Gnanapragasam, S. R. Cooray, T. M. J. A. (2016). Forecasting Post-War Tourist Arrivals to Sri Lanka using Dynamic Transfer Function method, International Journal of Multidisciplinary Studies (IJSM), Vol 3(2), p. 111-122.
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- 9. Senaviratna, N.A.M.R, (2017, August). Box-Jenkins Approach to Forecast Air Pollution at Fort Railway Station, Sri Lanka. American International Journal of Research in Science, Technology, Engineering & Mathematics, 1(19), pp. 168-171.

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 Gnanapragasam, S. R. Cooray, T. M. J. A. Dissanayake, R. (2016). Prediction of international tourist arrivals to Sri Lanka using state space modeling method: An empirical study after the civil war, Proceedings in Medical, Allied Health, Basic and Applied Sciences, 9<sup>th</sup> International Research Conference- KDU, Sri Lanka, p. 50-55.

#### **Presented International conference**

 Gnanapragasam, S. R. (2017). Modeling seasonal Leptospirosis cases in Western province of Sri Lanka, Proceedings of 4<sup>th</sup> Ruhuna International Science and Technology Conference (RISTCON 2017), p.37.

## **Department of Physics**

## List of Full papers Published in Indexed Journals

 G.C. Wickramasinghe and V.P.S. Perera, Natural Pigment Extracted from Bracts of Banana Flower for Dye Sensitized Solar Cells, Proceedings of the Technical Sessions, 33 (2017) 1-5

- 2. N.F. Ajward, G.C. Wickramasinghe, J.C.N. Rajendra and V.P.S. Perera, Preliminary Study to Use SiO<sub>2</sub> Extracted from Rice Husk in Semiconductor Nano Composites for Solar Cell Applications, Proceedings of the Technical Sessions, 33 (2017) 6-11
- 3. R.R.D.V. Rathnayake, V.P.S. Perera, C.H. Manathunga, Synthesis and characterization of  $Na_xMnO_2$  as a cathode material for Sodium-ion rechargeable Batteries, Proceedings of the Technical Sessions, 33 (2017) 39-44
- 4. R.R.D.V. Rathnayake, V.P.S. Perera, C.H.Manathunga, Capability of using ore Magnetite directly as Cathode material for Sodium-Ion Rechargeable Batteries, Manathunga Proceedings of International conference on Multi-disciplinary Approaches (ICMA) 2017 (20th- 22nd of September 2017)
- C.N. Nupearachchi, G.C. Wickramasinghe and V. P. S. Perera, Investigation Of Applicability Of Banana Pith As Electrolytic Media For Bio-BatteriesProceeding of the 15<sup>th</sup> Open University Research Sessions (OURS 2017) (16<sup>th</sup> and 17<sup>th</sup> November 2017), Pg 515. DOI 10.1007/s10008-017-3695-z
- 6. G. C. Wickramasinghe D.L.N. Jayathilaka and V. P. S. Perera, Construction Of Dye Sensitized Solar Cell Using Natural Dye Extraction From Petals Of Erabadu Flower, Proceeding of the 15<sup>th</sup> Open University Research Sessions (OURS 2017) (16<sup>th</sup> and 17<sup>th</sup> November 2017), Pg 523.
- H. N. M. Sarangika,, M. A. K. L. Dissanayake, G. K. R. Senadeera, R. R. D. V. Rathnayake, H. M. J. C. Pitawala, Polyethylene oxide and ionic liquid-based solid polymer electrolyte for rechargeable magnesium batteries, Ionics, October 2017, Volume 23, Issue 10, pp 2829–2835
- 8. J.M.K.W. Kumari, G.K.R. Senadeera, M.A.K.L. Dissanayake, C.A. Thotawatthage; Dependence of photovoltaic parameters on the size of cations adsorbed by TiO2photoanode in dyesensitized solar cells, Ionics, 23, 10, 2895–2900, 2017
- J.V.P Fernando, Determination of the optimum pixel size for the heist spatial resolution in molecular images produced by continuous laser roster sampling technique with imaging mass spectroscopy, (2017) Journal of sice and technology
- K. S. Perera, K. P. Vidanapathirana, B. Jayamaha, L. Wewagama, M. A. K. L. Dissanayake, G. K.
   R. Senadeera, K. Vignarooban, Polyethylene oxide-based nanocomposite polymer electrolytes for redox capacitors, J Solid State Electrochem (2017) 21:3459–3465
- K.N.D. Bandara, J.K.D.S. Bandara, Surface properties of sulphur based surface modified n-Cu2O thin films for enhanced liquefied petroleum gas sensing, (2017) Journal of Physics-D applied Physics, Vol 50 No 48.

- M. A. K. L. Dissanayake, H. N. M. Sarangika, G. K. R. Senadeera, . K. D. W. M. N. R. Divarathna, E. M. P. C. Ekanayake, Application of a nanostructured, tri-layer TiO2photoanode for efficiency enhancement in quasi-solid electrolyte-based dye-sensitized solar cells, Journal of Applied Electrochemistry, November 2017, Volume 47, Issue 11, pp 1239–1249
- M.A.K.L.Dissanayake, J.M.K.W.Kumari, G.K.R.Senadeera, C.A.Thotawatthage, B.-E.Mellander, I.Albinsson; A novel multilayered photoelectrode with nitrogen doped TiO2 for efficiency enhancement in dye sensitized solar cells Journal of Photochemistry and Photobiology A: Chemistry, 349, 2017, 63-72
- 14. N.F.Ajward, J.C.N. Rajendra and V.P.S. Perera, Nano Structures Of Tin (Iv) Oxide Coated With Thin Layer Of Silica Using Silicic Acid Synthesised From Rice Husk Ash, Proceeding of the 15<sup>th</sup> Open University Research Sessions (OURS 2017) (16<sup>th</sup> and 17<sup>th</sup> November 2017), Pg 519.
- 15. Nupearachich C N, Perera V P S, Samarasinghe K A, Arawwawala L D A M, Analysis Of Selected Varieties Of Banana Piths As Electrolyte In Bio Batteries, Proceedings of 5th International Conference on Ayurveda,, Unani, Siddha and Traditional Medicine (27th- 29 October 2017) Pg 2017.

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- 1. Shironika Karunanayake, J.C.N. rajendra, Son Naidu HUN Ratnayake, Designing Reflective practicing the content of OER based e-learning, Journal of Learning for Development-JL4D, (2017) ISSN2311-1550, Vol 4, No02, PP 143-160.
- T.N Alahakoon, V.P.S. Perera, N. G. S. Shantha, C.H. Manathunga, Fabrication Of Sodium Ion Rechargeable Battery Using Earth Abandant OrthosilicatesProceeding of the 15<sup>th</sup> Open University Research Sessions (OURS 2017) (16<sup>th</sup> and 17<sup>th</sup> November 2017), Pg 501.
- 3. Yapa,N.U.S., Samarasekara, P arXiv preprint arXiv:1708.02996, 2017 arxiv.orgThird order perturbed Heisenberg Hamiltonian of sc ferromagnetic films with fifty spin layers.arXiv preprint arXiv:1708.02996, 2017 arxiv.org

## **Department Of Zoology**

#### **Research Published In Indexed Journals**

 A. G. Gayan Dharmasiri , A. Yashan Perera, Jeevanie Harishchandra, Hemantha Herath, Kandasamy Aravindan, H. T. R. Jayasooriya, Gaya R. Ranawaka and Mihirini Hewavitharane (2017). First record of Anopheles stephensi in Sri Lanka: a potential challenge for prevention of malaria reintroduction-case report. Malaria Journal, 16:326; DOI 10.1186/s12936-017-1977-7

- 2. Andrew M. Kittle, Anjali C. Watson and T. Saminda P. Fernando (2017). The ecology and behaviour of a protected area Sri Lankan leopard (Panthera pardus kotiya) population. Tropical Ecology, 58(1): 71–86.
- 3. Balasooriya, E. R., Jayasinghe, C. D., Jayawardena, U. A., Ruwanthika, R. W. D., Mendis de Silva, R., & Udagama, P. V. (2017). Honey Mediated Green Synthesis of Nanoparticles: New Era of Safe Nanotechnology. Journal of Nanomaterials, 2017.
- 4. Chandrani W.A.Y., Wattevidanage J. (2017). Effect of different cooking methods on proximate composition of two fish species of Gazza minuta and Leiognathus dussumierii in West coast of Sri Lanka International Journal of Science Arts and commerce.
- 5. D.D.G.L. Dahanayaka (2017). Applications of satellite remote sensing for conservation and management of wetland ecosystems of Sri Lanka. In: Gloria Scientiam. M.J.S. Wijeyaratne and W.U. Chandrasekara eds. University of Kelaniya, Sri Lanka. pp. 255-263.
- 6. De Mel, Y., Perera, S., Ratnaweera, P. B., & Jayasinghe, C. D. (2017). Novel insights of toxicological evaluation of herbal medicine: Human based toxicological assays. Asian Journal of Pharmacy and Pharmacology, 3(2), 41-49.
- 7. Jayasinghe, C. D., Gunasekera, D. S., De Silva, N., Jayawardena, K. K. M., & Udagama, P. V. (2017). Mature leaf concentrate of Sri Lankan wild type Carica papaya Linn. modulates nonfunctional and functional immune responses of rats. BMC complementary and alternative medicine, 17(1), 230.
- Jayawardana K.H.,Bopage.,S.C.Wijeyaratna.,GMKB Gunaherath(2017) wound healing potential of some selected medicinal plants used in ayurveda in sri lanka.(94). Kulatunge D.R.,Jayawardena K.H, Wijeyaratne, S.C., GMKB Gunaherath (2017). Identification of compounds responsible for the wound healing activity of pinda oil.(97).
- Jayawardena, U. A., Angunawela, P., Wickramasinghe, D. D., Ratnasooriya, W. D., & Udagama,
   P. V. (2017). HEAVY METAL INDUCED TOXICITY IN THE INDIAN GREEN FROG: BIOCHEMICAL
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- 11. N. Perera, D.D.G.L. Dahanayaka and S. Udagedara (2017). Habitat preference and population structure of two data deficient seahorse (Syngnathidae) species, OUSL Journal, The Open University of Sri Lanka, Vol. 12, No 2.

- 12. P.A.C.N.B. Suraweera and D.D.G.L. Dahanayaka (2017). Assessment, monitoring and management of Invasive Alien Species at Bundala National Park (A Ramsar Wetland) in Sri Lanka, Wetlands Sri Lanka, Central Environmental Authority, Sri Lanka, Vol. 3, PP. 80-85.
- 13. Punchihewa, N. N., Krishnarajah, S. R., Vinobaba, P. (2017). Mysid (Crustacea:Mysidacea) distribution in the Bolgoda estuarine system and Lunawa Iagoon, Sri Lanka, International Journal of environment, 6 (1):23-30

#### Research Published In Refereed Non-Indexed Journals

 S. Ozawa, D.D.G.L. Dahanayaka, N. Warnajith and S.B. Quarmal (2017). Renovation of Research and Education in South Asian Countries by Means of ICT, *OUSL Journal*, The Open University of Sri Lanka, Vol. 12, No 2.

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- D.D.G.L. Dahanayaka (2017) Remote Sensing as an efficient tool for development of Fisheries and Aquaculture Sector, Proceedings of International Conference of the Aerospace Science & Engineering (ICASE 2017), pp. 39-40.
- D.D.G.L. Dahanayaka, K.N.S. Warnajith, M. Itaba, A. Minato and S. Ozawa (2017), An example of usage of KISSEL for educational platform in Sri Lanka, Science and Technology for Sustainable Development in the Pacific" Conference, Apia, Samoa (https://www.nus.edu.ws/s/index.php/133-science-conference/648-an-example-of-usage-of-kissel-for-educational-platform-in-sri-lanka).
- 3. D.D.G.L. Dahanayaka, V. Pahalawattaarachchi (2017) Remote-Sensed mapping of seagrass distribution in Palk Bay, Sri Lanka, using high spatial resolution WorldView-2 satellite data, Asian Conference on Remote Sensing 2017, October 23-27, 2017, New Delhi, India, 557 p.
- 4. Saminda P. Fernando, Rashika W. Ranasinghe and Sampath S. Seneviratne (2017). Patterns of divergence revealed across biochemical, morphological, vocal and genetic traits in an island endemic: the flameback woodpeckers of Sri Lanka. Biogeography Conference, Bangalore, India.

#### Presented and published as extended abstracts/abstract - In local conferences

A.A.D. Amarathunga, D.D.G.L. Dahanayaka, S.A.M. Azmy, V. Pahalawattaarachchi and N.D. Hettige (2017). Assessment of the Environmental Damage Caused Due to Oil Spill Incident at Lunawa lagoon, Theldiyawatta, Muthurajawela, Proceedings of the Third National Symposium on Marine Environment, 7<sup>th</sup> Oct 2017, pp.17.

- Dissanayaka, D.M.L.C., Weerakoon, S.R., Somaratne, S., Nilakarawasam, N., Ranasinghe, C. (2017). Optimization of the dosage of Phyllanthus maderaspatensis (Family: Euphorbeaceae) to improve serum lipid profile in Wistar rats (Mus norvegicus albinus). SLAAS 73rd Annual Sessions.
- Dissanayaka, D.M.L.C., Weerakoon, S.R., Somaratne, S., Nilakarawasam, N., Ranasinghe, C. (2017). Effect of crude methanolic extracts of Emblica officinalis on cholesterol induced Wistar albino rats (Mus norvegicus albinus). 15th Open University Research Sessions., Pg 415-418.
- 4. H. M. P. Hewavitharane, G. R. Ranawaka, M. D. J. S. Saparamadu, R. G. Premaratne and H. T. R. Jayasooriya (2017). Prevalence and bionomics of Anopheles species in a gem mining area in Moneragala District of Sri Lanka. Proceedings of the 15<sup>th</sup> Open University Research Sessions, p 425-428.
- K. Goonesekera, G.van der Poorten and G.R. Ranawaka (2017) Evolution and Adaptation: A
  Butterfly. Proceedings of SLAYS open forum 2017; 28<sup>th</sup> Feb to 1<sup>st</sup> March, Colombo.
- 6. Kalpani, P.G.M., Weerakoon, S.R., Somaratne, S., Nilakarawasam, N., Ranasinghe, C. (2017). A preliminary study on the evaluation of hypercholesterolemic activity of some Phyllanthus species. Proceedings of the 4th Ruhuna International Science and Technology Conference, Pg. 28.
- 7. M.Gammanpila, D.D.G.L.Dahanayaka, V.Pahalawattaarachchi and H.M.P.Kithsiri (2017). Variations in water quality conditions and functional habitats in Negombo lagoon with special reference to seabass cage culture practice, The 4<sup>th</sup> International Conference on Fisheries and Aquaculture 2017, At Colombo, Sri Lanka pp. 4.
- 8. P.A.C.N.B. Suraweera, B.H.G.K. Kumari and D.D.G.L. Dahanayaka (2017). Assessment of invasive alien species at Bundala Ramsar wetland, Sri Lanka for their control and management, Proceedings of the National Symposium on Invasive Alien Species 2017, Waters Edge, Battaramulla, Sri Lanka, pp. 14.
- 9. Punchihewa, N. N; Tharangani E. M.D (2017). Ecological impact of mangrove destruction on juvenile fish populations in Negombo Lagoon. Proceedings of the 23<sup>rd</sup> Scientific Sessions of the Sri Lanka Association for fisheries and aquatic resources, 26<sup>th</sup> May 2016.
- 10. R. Dushanan, G.R. Ranawaka, S. Weerasinghe and R. Senthilnithy (2017). Computational studies on inhibition of histone deacetylation by hydroxamic acid derivatives: an in-silico approach. Proceedings of the 15<sup>th</sup> Open University Research Sessions, p 461-464.
- S. Udagedara and D.D.G.L Dahanayaka (2017). Seagrass of Sri Lanka: Research Priorities and Conservation Challenges, Proceedings of Wild Lanka International Symposium-2017, Department of Wildlife Conservation of Sri Lanka, At Colombo, Sri Lanka pp. 49.

- 12. Saminda P. Fernando, Darren E. Irwin and Sampath S. Seneviratne (2017). In-depth analysis of vocal repertoires of Dinopium species complex in Sri Lanka: structural organization and categorization. Proceedings of the Annual Research symposium, University of Colombo, Sri Lanka. Pp 167.
- 13. Saminda P. Fernando, U.A. Jayawardena, I.K. Rajapakse, U.K.G.K. Padmalal (2017). Ornithological research of the Open University of Sri Lanka; A model for open and distance education. 40 years of bird research in Sri Lanka, Field Ornithology Union 40 year commemorative symposium. Colombo, Sri Lanka.
- 14. U.S.C. Udagedara, D.D.G.L Dahanayaka and P.B.T.P. Kumara (2017). Current Status of the Seagrass of Sri Lanka and their Research Needs Related to Climate Change, International Conference on Climate Change 2017, Colombo, Sri Lanka, pp. 46.

## **Department of Chemistry**

- Ananda K Ghosh, Thelma Abeysinghe, Ammon Kohen, Altered Protein Dynamics Modified the Chemical Step in Thymidylate Synthase, Annual meeting of the American Society for Biochemistry and Molecular Biology, Chicago, USA, April 22-26<sup>th</sup>, 2017.
- 2. H. M. P. Hewavitharane<sup>1</sup>, G. R. Ranawaka<sup>2</sup>, M. D. J. S. Saparamadu<sup>3</sup>, R. G. Premaratne<sup>4</sup> and H. T. R. Jayasooriya<sup>2\*</sup>, (2017). "Prevalence and bionomics of Anopheles species in a gem mining area in Moneragala District of Sri Lanka", OURS 2017.
- Qualitative analysis of an Ayurvedic medicinal oil ('Pinda oil') and studies on lipophilicity of its constituents, Chandani Ranasinghe, Ajita M. Abeysekera and G. M. Kamal B. Gunaherath, Proceedings HTM2017 of The 2<sup>nd</sup> international seminar on herbal and traditional medicine- Value added of herbs and phytotherapy: challenges for the 21<sup>st</sup> century", 25<sup>th</sup> -27<sup>th</sup> January 2017 Asia Hotel, Bangkok, Thailand, p.113-120

## A6. CETMe

- 1. Jayatilleke, Buddhini; Ranawaka, Gaya, Wijesekara, Chamali and Kumarasinha, Malinda (2017). Development and Testing of a Mobile Application through designbased research. In the proceedings of the 31st Annual Conference of the Asian Association of Open Universities, 27-29 September 2017, Yogyakarta, Indonesia. (Pg. 49). Silver Medal for Available Best Practice Award. online: http://aaou2017.ut.ac.id/wpcontent/uploads/2017/10/Proceeding AAOU 2017 Repositioning Final.pdf won the for award silver award the best practice
- Jayatilleke, B G; Wijesekara, G G W C and Ranawaka, G R (2017). Access and Use of Electronic Technologies by Undergraduates of the Faculty of Health Sciences. In the proceedings of the 15<sup>th</sup> Open University Research Sessions (OURS 2017): Opening Minds: Research for Sustainable Development, 16-17 November 2017, Nawala. (Pg. 5-9).
- 3. B G Jayatilleke<sup>1</sup>, G R Ranawaka<sup>2</sup>, G. G. W. C. Wijesekara<sup>2</sup> and M C B Kumarasinha<sup>11</sup>Centre for Educational Technology and Media, The Open University of Sri Lanka, Sri Lanka, Sri Lanka, Sri Lanka, Sri Lanka

## **A.7 Regional Educational Services**

#### **Research Publications 2017**

- 1. D G.S K Doluweera, Study of student support services of Practical based programmes of the Open University of Sri Lanka
- 2. Mr.N.Balamurali Jointly with Dr.S.Sivarajasingham Testing for Long memory in the LKR/USDExchange rate: Evidence from Sri Lanka.
- 3. Epistemological view on Saiva Sidhantha, International Saiva Conference, University of Jaffna, 2017, K.Kanthavel.
- 4. A view on Viyapthi in the Inference, Association of Third World Studies South Asia Chapter, Twenty second annual conference and International Seminar, Faculty of Arts, University of Jaffna, K.Kanthavel
- 5. Keynote Speech:Rural Religious Warship Methods based on the Area of Thenmaradchi, Thenmaradchi Divisional Secretariat Division, K.Kanthavel
- 6. Presentation :ODL and Open University of Sri Lanka, Karaveddi Divisional Secretariat, K.Kanthavel
- 7. Binara Angammana ,Intra-household food distribution within the household in selected semi urban village in Sri Lanka; Case Study The Food Behaviour of the Semi Urban Village in Sri Lanka.
- 8. Dissanayaka, D M U M and Sakalasooriya M B (2017),effects of parental migration on educational developments and mental wellbeing of left- behind school children in the kurunegala district- --a case study in the mawathagama educational zone (journal Article) Proceeding of the 15<sup>th</sup> Open University Research Sessions (OURS 2017), The Open University of Sri Lanka.
- 9. The outcomes of Literacy Enhancing Programme submitted by M.A.J.R. Madurasinghe.
- 10. Perera, M. J., Abeysekera, N., Sudasinghe, S., & Dharmaratne, I. R. (2017, October). Predictive Drivers Of Students" Satisfaction In Open Distance Learning In Sri Lanka. International Journal of Advanced Research and Publications, 1(4), 200-211. Retrieved from http://www.ijarp.org/published-research-papers/oct2017/Predictive-Drivers-Of-Students-Satisfaction-In-Open-Distance-Learning-In-Sri-Lanka-.pdf
- 11. Perera, M. J., Johar, G. M., Kathibi, A., Atan, H., Abeysekera, Nalin, & Dharmaratne, I. R. (2017). PLS-SEM Based Analysis of Service Quality and Satisfaction in Open Distance Learning in Sri Lanka. International Journal of Business and Management, 12(11),194-217.Retrieve from http://www.ccsenet.org/journal/index.php/ijbm/article/view/70342/0

# **Details of Academic/Academic Support Staff - 2017**

Faculty	Specialization	Medium	vc	DVC	Senior Professor	Associate Professor	Professor	Senior Lecturer	Lecturer	Lecturer (Prob.)	Librarian/ SA. Librarian Asst. Librarian	EA, ETA	IT Staff	Temp. Demo.	Temp. Research Asst.
General		English	1	1										2	
Natural Sciences		English			1+1**	1	7	40	14	11			1	8	
Natural Sciences	Science	English/Sinhala/								4		2		38	
		Tamil					1	5		1				6	
E1	- I	Sinhala/English					2	10		3				4	
Education	Education	Tamil/English					1	6		2				2	
		Sinhala						5		2				1	
		Tamil						5		3					
	Natural Science	English						2						8	
	Agriculture	English						1	1					2	
Regional	Nat. Sc. Forestry	English													
Educational	Computer Sc.	English							1	1				2	
Services	Botany	English						1	1						
	Physical Science	English							1	1					
	Engineering	English						1				7		8	
	Economics	English								1					
	Sociology	Sinhala								1				2	
	Civil	English										1			
	IT								1			1			
CETMe	Media	English						2	1	2					

<b>Details of A</b>	cademic/Aca	ademic Suppo	ort St	aff – :	2017 con	td									
Faculty	Specialization	Medium	vc	DVC	Senior Professor	Associate Professor	Professor	Senior Lecturer	Lecturer	Lecturer (Prob.)	Librarian/ SA. Librarian Asst. Librarian	EA, ETA	IT Staff	Temp. Demo.	Temp. Research Asst.
	Language	English						8	3	2					
		Sinhala/Tamil						1	-	1					
	Legal	English/Sinhala					1	2	1	9					
Humanities & Social Sciences	Legai	English						2	-						
30ciai 3ciences		English/Tamil						1	-						
	Management	English/Sinhala						10	2	3		1			
	wanagement	English/Tamil						1	1						
	Social Studies	English/Sinhala				1		10	1	3					
		English/Tamil						2	1						
	Agriculture	English			1			5						2	
Engineering	Civil	English			1		2	13	-	1		1		7	1
Technology	Electrical	English						13	4	4				6	2
	Maths. & Phil	English						4	1	2				3	1
	Mechanical	English						10	2	8		1		7	
	Textile	English			1*		1	2	2	6		-		3	
	Nursing	English						5		3				2	
Health Sciences	Medical Laboratory	English								2				1	
	Pharmacy	English								1					
	Psychology	English				_		1							
Library Services	Library	English/Sinhala									9				
Information Technology	IT	English											7		
Total			1	1	3	2	15	168	38	77	9	14	8	114	4

<sup>\*</sup> Includes Vice-Chancellor
\*\* Includes Deputy Vice-Chancellor

Faulty/Branch	-Academic Staff - 2017  Most Senior	No.	Senior Staff	No.	Junior Staff	No.	Minor Employees	No.
raulty/ branch		NO.					· ·	_
General	Registrar	1	Stenographer	5	Cycle-Orderly	1	Labourer	12
	Senior Asst. Registrar	4	Clerk	21	Caretaker	1		
	Asst. Registrar	1	Typist	2				+
	Senior Personal Secretary to	1	Telephone Operator	3				
	Principal Executive Officer		Data Entry Operator	2				
	Statistical Officer	1	Computer App. Asst.	10				
	Asst. Internal Auditor	1	Audit-Assistant	1				
			Management Assistant	6				
Finance	Bursar	1	Stenographer	2			Labourer	1
rillatice	Deputy Bursar	1	Shroff	1			Works Aide	2
	Senior Asst. Bursar	2	Book-Keeper	3				
	Asst. Bursar	1	Data Entry Operator	2				
			Comp. App. Assistant	6				
			Clerk	10				
			Management Assistant	1				
Stores & Supply	Asst. Bursar	1	Clerk	5			Labourer	3
Stores & Supply			Typist	1				
			Store-Keeper	2				
			Management Assistant	2				
Security	Chief Security Officer	1	Security Inspector	3	Security Guard	17		
Transport			, ,		Driver	27		
<b></b> -					Vehicle cleaner	1		
Faculty/Education	Asst. Registrar	1	Stenographer	2	Office Machine Operator	1	Labourer	5
Faculty/Education			Clerk	2	·		Health Service Labourer	1
			Comp. App. Asst.	4				
			Pre-School Asst.	6				
			Day Care Assistant	2				
			Management Assistant	1				1

#### Details of Non-Academic Staff - 2017 contd... Faulty/Branch **Most Senior** No. **Senior Staff Junior Staff** No. **Minor Employees** No. No. 9 Asst. Registrar Stenographer **Craft Demonstrator** 6 1 Labourer Faculty/Engineering **Electronics Engineer** Typist **Laboratory Attendant** 2 1 12 Technology 3 Welder **Training Engineer** 1 Clerk 1 **Chief Technical Officer** 2 Comp. App. Asst. 2 Tool Issuer **Staff Technical Officer** 2 **Data Entry Operator** 4 Auto Mechanic 2 Store-Keeper 1 Office Machine Operator 1 **Technical Officer** 33 Blacksmith 1 3 Foundryman 1 Draughtsman Management Assistant Machinist 1 Fitter 1 Faculty/Humanities Asst. Registrar Typist 6 1 Roneo Machine Operator 1 Labourer and Social Sciences Stenographer 1 Clerk 6 Comp. App. Asst. 4 5 **Data Entry Operator** Management Assistant 1 Faculty/Natural Asst. Registrar Clerk Laboratory Attendant 9 Labourer 7 Sciences 3 Typist Office Machine Operator 1 Data Entry Operator 3 Stenographer 1 Comp. App. Asst. 3 Draughtsman 1 **Technical Officer** 11 Management Assistant 3 **Technical Officer** Asst. Registrar 1 1 Labourer Faculty Health Comp. App. Asst. 2 Sciences 3 Management Assistant

#### Details of Non-Academic Staff - 2017 contd... Faulty/Branch **Most Senior** No. | Senior Staff No. **Junior Staff** No. **Minor Employees** No. Security Inspector Senior Asst. Director 1 2 Carpenter 1 Labourer 27 Regional 23 2 2 Health Service Labourer 3 Asst. Director Store-Keeper Mason Educational Comp. App. Asst. Senior Asst. Bursar 1 22 Plumber 1 Services Library Information Assistant Electrician 3 1 5 Clerk 26 Caretaker **Technical Officer** Laboratory Attendant 3 Supervisor(Landscape) 5 1 Security Guard Stenographer 1 Shroff 2 **Telephone Operator** 1 Clerk 9 Office Machine Operator 3 Senior Asst. Registrar Labourer Examination Stenographer 1 Works Aide 1 **Data Entry Operator** 2 3 Typist Comp. App. Asst. 2 2 Management Assistant Asst. Registrar/Library Library Information Assistant **Book-Binder** 19 3 Labourer 4 Library Comp. App. Asst. 2 Library Attendant **Technical Officer** 1 Illustrationist 1 Clerk 1 Labourer 2 **Audio Visual** Comp. App. Asst. 10 1 Store-Keeper **Technical Officer** 1 CETMe (Higher Grade) 1 **Data Entry Operator** Audio Visual Tech. Officer 1 **Public Health Inspector** 1 **Health Services** Pharmacist 1 1 Nurse Senior Asst. Registrar Clerk 4 Labourer 3 Student Affiars 1

2

**Data Entry Operator** 

		<u> </u>	Comp. App. Asst.	1				
<b>Details of Nor</b>	n-Academic Staff – 2017 co	ontd	•					
Faulty/Branch	Most Senior	No.	Senior Staff	No.	Junior Staff	No.	Minor Employees	No.
Maintenance	Works Engineer(Civil)-II	2	Store-Keeper	1	Carpenter	4	Labourer	17
Manitenance			Supervisor(Maintenance)	2	Mason	2	Health Service Labourer	4
			Comp. App. Asst.	1	Electrician	3	Works Aide	5
			Works Superintendent	2	Plumber	2		
			Draughtsman	1				
			Supervisor(Civil/Elect.)	1				
			Clerk	1				
Lands & Buildings	Curator	1	Supervisor(Landscape)	1	Gardener	1	Labourer	1
_							Works Aide	1
Hostel							Labourer	1
Career Guidance			Computer Application Asst.	1				
	Asst. Printer	1	Clerk	3	Junior Plate Maker	1	Labourer	6
Press			Store-Keeper	1	Office Machine Operator	1		
			Binding Foreman	2	Book-Binder	3		
			Litho Machine Operator	5	Guillotine Operator	1		
			Litho Artist	2	Litho Machine Attendant	1		
			Junior Litho Artist	1				
			Process Camera Operator	1				
			Type-Setter	1				
			Press-Assistant	1				
			Comp. App. Asst.	1				
Information	Director/IT	1	Data Entry Operator	2			Labourer	2
Technology	Information Systems Manager	1	Technical Officer	5				
	Deputy Information Systems							
	Manager	1	Clerk Gr.III	1				
Total		74		368		133		124