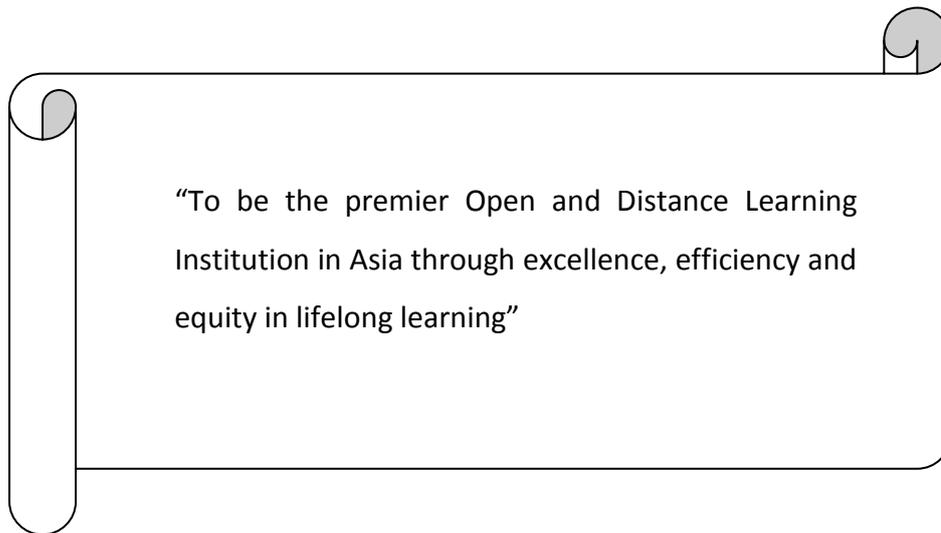


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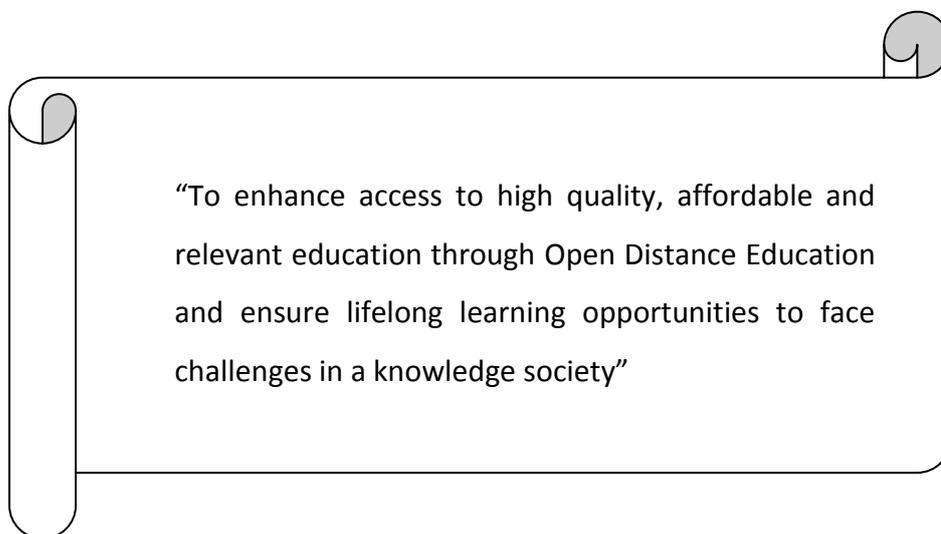
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**1. VISION STATEMENT :**



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

**2. 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”

### 3. Vice-Chancellor's Review :

#### (a) Introduction

The Open University of Sri Lanka was established as the only single mode Open Distance Learning (ODL) University on 19<sup>th</sup> 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 following table summarizes the lineage of the office of the Chancellors and Vice Chancellors since June 1980.

**Table-1 Office of the Chancellors and Vice Chancellors**

Term	Chancellor	Vice Chancellor	Period
1	Dr Gamani Corea	Professor P D Gunatillake	July 1980-1985
2	Dr Gamani Corea	Professor D. S. Wijesekera	December 1985
3	Dr Gamani Corea	Professor D. S. Wijesekera	December 1988
4	Dr Gamani Corea	Professor D. S. Wijesekera	December 1991
5	Dr Gamani Corea	Professor N R Arthenayake	December 1994
6	Dr Gamani Corea	Professor N R Arthenayake	December 1997
7	Dr Gamani Corea	Professor Uma Coomaraswamy	January 2001
8	Dr Gamani Corea Dr.ANS Kulasinghe (from July 2005)	Professor Uma Coomaraswamy	March 2004
9	Mr. Sam Wijesinha	Professor Nandani de Silva	May 2006 – May 2009
10	Mr. Sam Wijesinha	Professor Upali Vidanapathirana	June 2009 – June 2012
11	Mr. Sam Wijesinha	Dr. Vijitha Nanayakkara	June 2012 – to- date

The Open University has four Faculties namely, Education, Engineering Technology, Humanities & Social Sciences and Natural Sciences and 19 academic Departments and one (01) academic Unit offering 60 study programmes, catering to a population of 35647 learners. Besides the University offers a dozen of short courses such as beginners for Tamil, Sinhala, Korean Italian and a number of computer awareness and networking courses to impart skills in languages, computer and Information Technology.

The OUSL made further 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:

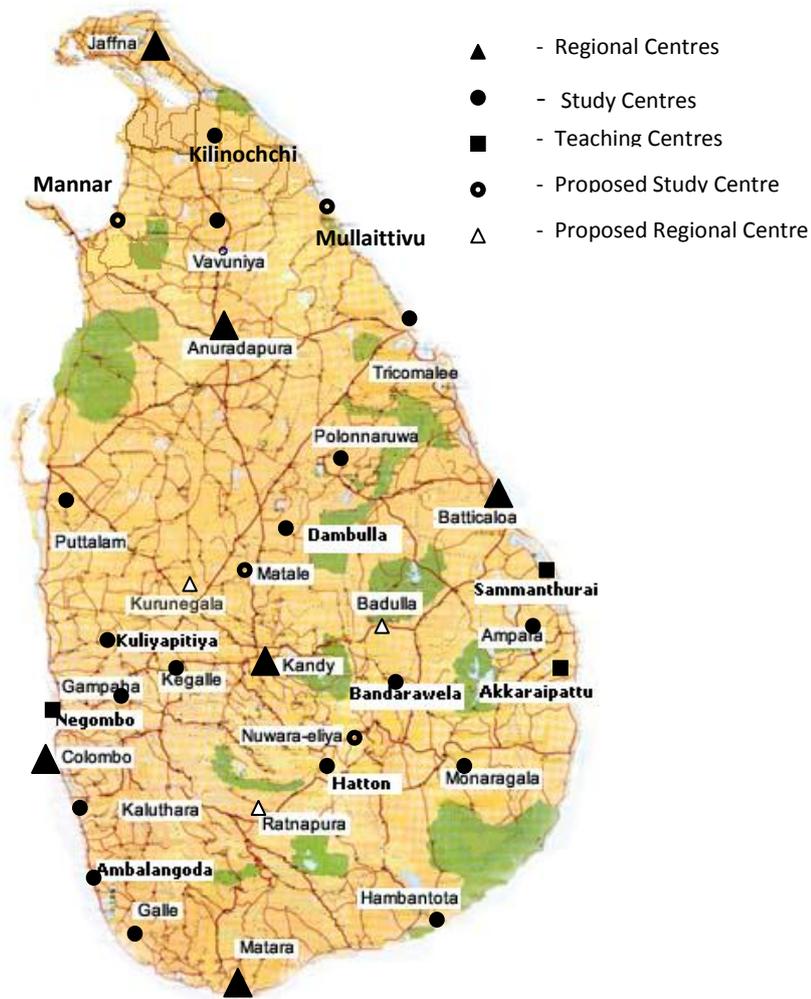
- A/L completers who cannot gain admission to conventional Universities owing financial reasons, family commitments or inability to reach the competitive scores.
- Working population who wish to undergo continuous professional development,
- Persons who want to acquire knowledge for other reasons.

The University's openness to academic activities throughout the year makes it an attractive choice for the employed and therefore approximately 80 per cent of the students of OUSL continued 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.

As the leading distance education institution (DE) in this country, the OUSL has progressed over the past 33 years; sixty (60) programmes covering around 1400 courses are conducted by the four faculties. Each faculty offers certificate (including foundation courses), diploma, undergraduate and postgraduate degree programmes in their respective fields with provision for continuing education and lateral entry with suitable exit points to ensure flexible learning enabling to cater to a diverse group of students scattered throughout the country.

The University provides its services through a network of regional (6), study (19) and teaching (6) centres in different parts of the country and has brought education literally to the doorstep of students. 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 (*Fig. 1*).

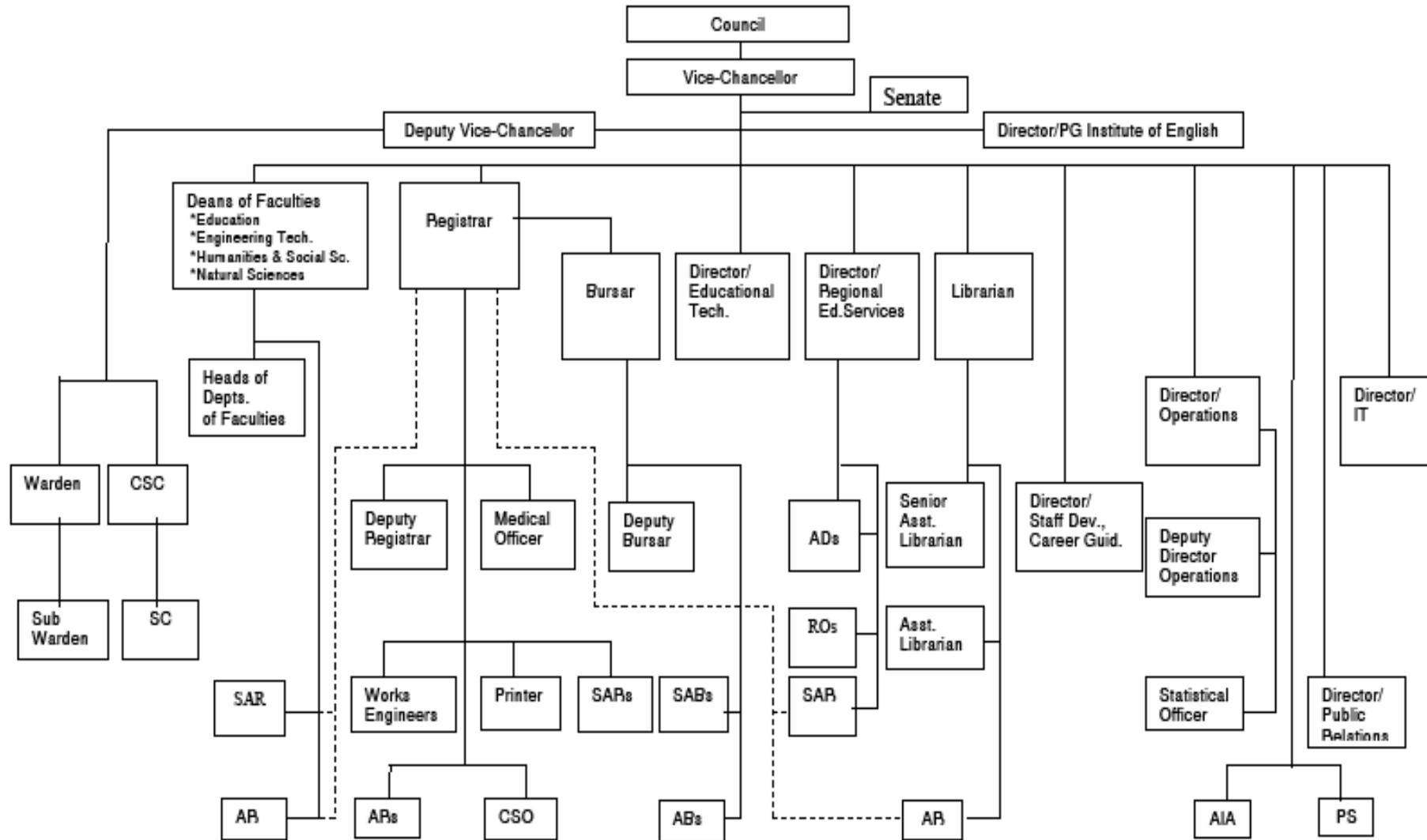
**Fig. 1 - Location of Regional, Study and Teaching Centres**



The Organizational Structure of the Open University (*Figure 2*) is very similar to that of conventional Universities except for those additional positions such as Directors/ Regional Educational Services, Educational Technology and Operations that are peculiar 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/ Educational Technology, Director/Regional Educational Services, the Librarian and the Bursar.

Fig. 2 - Organizational Structure of the Open University of Sri Lanka

### Organisational Chart – The Open University of Sri Lanka



CSC – Chief Student Counsellor	SAR – Senior Assistant Registrar	SAB – Senior Assistant Bursar	AD – Assistant Director	AIA – Assistant Internal Auditor
SC – Student Counsellor	AR – Assistant Registrar	AB – Assistant Bursar	RO – Regional Officer	PS – Personal Secretary
CSO – Chief Security Officer				

Approved by the Senior Management Committee

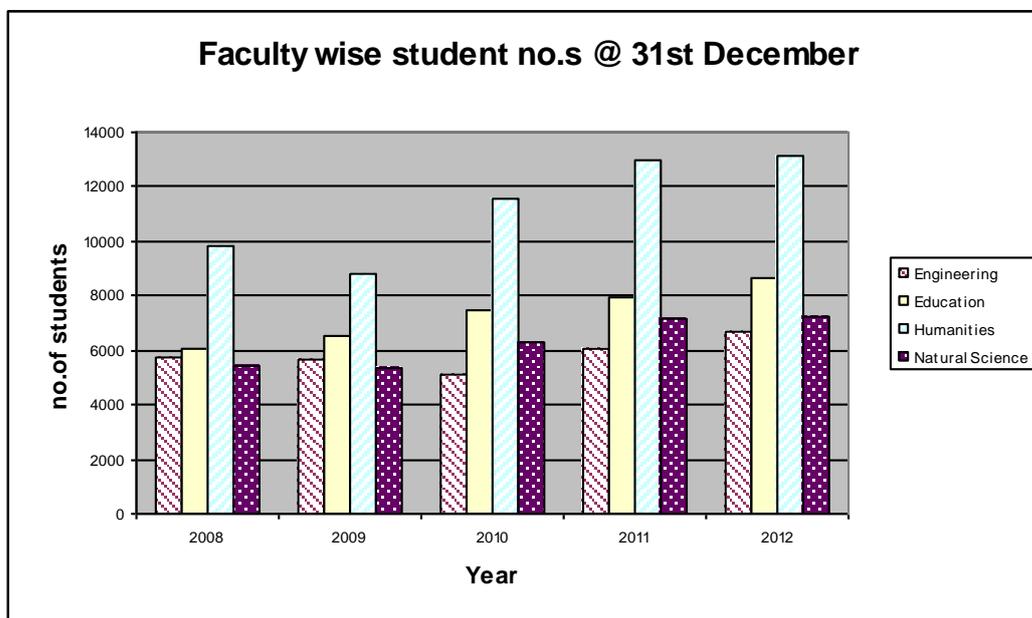
## (b) Achievements

- The implementation of the Corporate Plan is facilitated and monitored by the Council, Senate, Faculties and other statutory bodies appointed by the Senate and the Council. Corporate Plan is an agenda item of the Faculty Boards, Senate and the Council where the progress achieved / short falls and fallback arrangements are discussed and decided.
- The student numbers increased over the previous year to reach 35647 by the end of December 2012.
- The Regional Educational Services (RES) of the University is directly under the Vice-Chancellor. The University has decentralized examinations and grading/selection tests of Foundation level initially and expand it to the other levels in the future. The RES has undertaken to recruit Visiting Lecturers and Marking Examiners in the centres.
- Common application form is used for OUSL programmes and action has been taken to provide online application facilities from 2013.
- The performance of Faculties and Regional/Study Centres were evaluated using Key Performance Indicators (KPIs) and selected Regional and Study Centres were rewarded on the 01<sup>st</sup> of January 2012.
- Adhering to expand geographical outreach of the OUSL by establishing a Regional Centre per province and Study Centre in district, the University established the Kilinochchi Study Centre in May 2012 and now the programmes are held. Action has already been initiated to find suitable plots of land at Kuliypitiya and Badulla for study centres covering North and Uva province.
- After obtaining UGC approval, the Educational Technology division was restructured to Centre for Educational Technology and Media (CETMe).
- Faculties have initiated transforming programmes to On-line mode and Instructional Design process is done by the CETMe.
- OUSL's brand promotion is continued.
- The University has allocated one percent (1%) of its expenditure to promote the OUSL brand.

**Table 1 on Student Registration by Regional and Study Centres**

Faculty	2008	2009	2010	2011	2012
<i>Engineering</i>	<b>5773</b>	<b>5649</b>	<b>5145</b>	<b>6032</b>	<b>6650</b>
<i>Education</i>	<b>6073</b>	<b>6566</b>	<b>7484</b>	<b>7913</b>	<b>8634</b>
<i>Humanities</i>	<b>9870</b>	<b>8796</b>	<b>11557</b>	<b>12979</b>	<b>13139</b>
<i>Natural Science</i>	<b>5405</b>	<b>5384</b>	<b>6283</b>	<b>7171</b>	<b>7224</b>
	<b>27121</b>	<b>26395</b>	<b>30469</b>	<b>34095</b>	<b>35647</b>

The total number of students has increased to 35647 by December 2012. The student admissions have become more inclusive as there has been a marked increase of student numbers in the study and teaching centres. The policy of regionalized admissions and promotional campaigns to ensure equity will be one of the three main pillars of our vision for the next six years.



### Performance in Academic Activities

At present its four Faculties – Education, Engineering Technology, Humanities and Social Sciences and Natural Sciences provide 11 Bachelors Degree programmes, 07 Postgraduate Diplomas, 10 Masters Degree programmes, 07 Diplomas, 04 Advanced Certificates and 21 Certificate programmes. Along with traditional programmes the University also offers vocational, professional and general awareness programmes. This has contributed significantly to meeting the changing needs of the society where learning is a life-long enterprise.

The Open University is committed to the continuous process of quality enhancement in all aspects of ODL such as curriculum and course development, teaching/learning, student support, faculty support, evaluation and assessment.

The academic staff members of the University made contributions to new knowledge by publishing test books and other reading materials in their own subject disciplines. This is addition to their contribution in the form the production of study texts, multi-media materials as done continuously by our staff.

### **Awards**

*International award – Research and Innovation 2012 has been received by Dr. S D R Perera for ‘Introduction of Electrical Vehicles to Sri Lanka’.*

*CVCD Excellence Awards- Dr. K S D Perera, Senior Lecturer in Chemistry has been awarded CVCD award – Excellence in Research in 2012.*

### **International and National Linkages**

The Open University of Sri Lanka signed Memoranda of Understanding with a number of international and national institutions to promote Open Distance Learning opportunities in Sri Lanka. Department of Health Sciences signed a MoU with Ministry of Foreign Employment Promotion and Welfare to offer short course on ‘Home Based Care for Elderly’.

On the whole, the year 2012 has been an year in which it could record a substantial progress in terms of teaching, learning and research activities whilst ensuring the efficient use of scarce resources and improving on inclusive growth which was the cherished adage of the University, i.e. Excellence, Efficiency and Equity in Open Distance Learning.

The University is actively participating in formulation of National Youth Policy for the Government of Sri Lanka commissioned by the Ministry of Youth Affairs and Skills Development. This is a Public Policy framework to identify and redress constraints to empowerment of youth in nine provinces especially in the context of post-conflict reconciliation and human development.

### **Innovation**

An electric hybrid bus has been developed on an existing chassis of a bus. The bus is powered by a 75 kW motor. Battery monitoring and charging systems have been developed locally and the conversion was done by a team of engineers headed by Dr. S D R Perera, Senior Lecturer in Mechanical Engineering.

### **(c) Failure & Justification**

The students of the OUSL were generally peaceful except for occasional disturbances mostly initiated by interest groups outside the University. Nonetheless, the academic activities of the University was partially disrupted, while projected expansion path also was adversely affected by the trade union action of the academic staff members and non-academic staff members.

## **ADB-DEMP**

The ADB-DEMP assistance to expand ODL ended in the year 2010. The National Online Distance Education Service (NODES) access centres called NACs set up by the ADB-DEMP in the premises of 20 OUSL centres enable learners to have access to higher education through state of the art information and communication technology. These NODES and NAC Centres have been taken over by the Ministry of Higher Education in December, 2010 disregarding the MOU between the Ministry of Higher Education and The Open University of Sri Lanka.

The Sub-Committee appointed by the Council is now working on to take over the management of the NODES.

### **(d) Future Plans**

- Decentralization of academic administration
- Expanding Centre Network to cover all districts
- Expansion of geographic outreach by establishing 9 regional centres and 24 study centres
- Make English, ICT, Soft Skills and Social Integration compulsory for all students
- Training programmes for inmates of the prison at Welikada, Colombo
- Intends to extend the hybrid project as a national need and will embark on a design and development of an Electric Hybrid Three-wheeler.
- All the courses will be delivered online.

#### 4. Details of Resources & Students:

##### Faculty of Education

Faculty - Education	Course	Total Students	Total Academic Staff	Total non Academic Staff
Secondary & Tertiary Education	B.Ed.(Nat. Scs)	33	10	04
	B.Ed.(Drama & Theater)	34	12	04
	PGDE	2411	140 (Including visiting academics)	04
	M.Ed.	140	15	04
	MATE	154	15	04
	MATE(I)	50	20	04
	Short course in Research Methodology	06	12	04
Total		2828	224	04
Early Childhood & Primary Education	Certificate in Pre-school Education	935	06	05
	Advanced Certificate in Pre-school Education	162	06	05
	Diploma in Early Childhood & Primary Education	362	06	05
Total		1459	06	05
Special Needs Education	PGDSNE	270	04	01
	Short Course on Learning Disabilities	63		
	Short Course on Inclusive Education	14		
Total		347	04	01
<b>Grand total</b>		<b>4324</b>	<b>234</b>	<b>10</b>

## Faculty of Engineering Technology

Faculty	Course	Total Students	Total Academic Staff	Total non Academic Staff
Engineering Technology	Foundation Programme in Technology	1659	78	70
	Dip in Technology	2161		
	Dip in Ind. Studies	640		
	Bachelor of Technology	1454		
	Certificate in Industrial Studies	113		
	PG Programmes	82		
	BIS	369		
	BSE	137		
	Stand Alone	04		
<b>Total</b>		<b>6619</b>	<b>78</b>	<b>70</b>

## Faculty of Humanities & Social Sciences

Faculty	Course	Total Students	Total Academic staff	Total non Academic Staff
HSS	MBA/HRM	32	69	29
	Com.Exe. MBA / MPA	122		
	MA Degree in Dev. Stu. & Public Policy	96		
	BA in Eng. & Eng. Lang. Teaching	41		
	BA Degree Social Scie.	1227		
	Bachelor of Law	993		
	Bachelor of Mgt / Dip. In Mgt	1070		
	Advance Certificate in Eng	125		
	Certificate in General English	1845		
	Certificate in ESBM	622		
	Certificate in Social Science	607		
	Dip in Youth Development	190		
	Diploma in English	172		
	Korean for Beginners	11		
	Beginner's Course in Sin.	275		
	Beginner's Course in Tamil	556		
	Cert. in care & Pro. Of Chi.	30		
	Short Course in Tamil	492		
	Basic course in Sinhala	260		
	Basic Course in Tamil	230		
Short course on Research Methodology in Social Sciences	30			
<b>Total</b>	<b>22</b>	<b>8836</b>	<b>69</b>	<b>29</b>

## Faculty of Natural Sciences

Faculty	Programme	Total Students @31.12.2012	Total Academic and academic support Staff	Total non Academic Staff
Natural Sciences	BSc	4408	94	45
	BSc (Nursing)	1953	07	01
	Diploma in Nursing	50	07	01
	Diploma in Microbiology	12	04	03
	Ad. Cert. in Lab. Technology (ACLT)	47	04	03
	Cert. in Lab. Tech.	76	04	03
	Certificate in Applied Electronics	18	05	02
	Cert. in Computer Networks & Security (CCNS)	41	01	00
	Cert. in Professional Computer Applications (CPCA)	44	02	00
	Certificate in Wildlife Conservation & Mgt.	30	06	03
	Certificate Course in Environmental Studies	07	07	04
	Masters/PG Diploma in Environmental Science	113	03	02
<b>Total</b>		<b>6799</b>	<b>144</b>	<b>67</b>

## 5. Details of Local Students:

### Faculty of Education

Faculty	Course	Medium	Intake 2012	1 <sup>st</sup> year Students	2 <sup>nd</sup> year Students	3 <sup>rd</sup> year Students	4 <sup>th</sup> year Students	No of Graduated
Education-STE	B.Ed.(Natural Sciences)	S,E	11					-
	B.Ed.(Drama & Theater)	S	34					-
	PGDE	S,T,E	-					2092
	M.Ed.	S,T,E	-					03
	MATE	S,T,E	-					10
	MATE(I)	S,T,E	20					04
	Short course in Research Methodology	S,T	06					-
<b>Total</b>			71					2109
Early Childhood & Primary Education	Certificate in Pre-school Education	Sinhala	530					
		English	278					
		Tamil	127					
	Advanced Certificate in Pre-school Education	Sinhala	113					
		English	49					
	Diploma in Early Childhood & Primary Education	Sinhala	215					
		English	147					
<b>Total</b>			1459					
Special Needs Education	PGDSNE	Sinhala	19					
		Tamil	236					
		English	15					
	Short Course on Learning Disabilities	Sinhala	16					
		Tamil	06					
		English	41					
		Short Course on Inclusive Education	Sinhala	14				
<b>Total</b>			347					
<b>Grand Total</b>			<b>1877</b>					<b>2109</b>

## Faculty of Engineering Technology

Faculty	Programme	Medium	Intake 2012	Foundation & Certificate Levels	Diploma Levels	Degree levels	Post graduate levels	No. of Graduates 2012 Convocation
Engineering Technology	Foundation Prog in Tech	S, E, T		1659	--	--	--	N/A
	Dip in Tech	E		--	2161	--	--	N/A
	Dip in Ind. Studies	E		--	640	--	--	
	B.Tech	E		--	--	1454	--	
	Certi in Ind.Studies	S, E, T		113	--	--	--	N/A
	PG Programmes	E		--	--	--	82	
	BIS	E		--	--	369	--	
BSE	E		--	--	167	--		
<b>Total</b>				<b>1772</b>	<b>2801</b>	<b>1990</b>	<b>82</b>	

## Faculty of Humanities & Social Sciences

Faculty	Course	Medium	Intake 2012	Foundation & Certificate Levels	Diploma Levels	Degree Levels	Post graduate Level	M Phil	No of Graduate
HSS	MBA/HRM	E	32				✓		
	Com.Exe. MBA / MPA	E	122				✓		
	MA Degree in Dev. Stu. & Public Policy	E	96				✓		
	BA in Eng. & Eng. Lang. Teaching	E	41			✓			
	BA Degree Social Scie.	E	1227			✓			
	Bachelor of Law	S/E/T	993			✓			
	Bachelor of Mgt / Dip. In Mgt	E	1070			✓	✓		
	Advance Certificate in English	E	125	✓					
	Certificate in General English	E	1845	✓					
	Certificate in ESBM	S/E/T	622	✓					
	Certificate in Social Science	S	607	✓					
Dip in Youth	S/E/T	190			✓				

	Development								
	Diploma in English	E	172		✓				
	Korean for Beginners	E	11	✓					
	Beginner's Course in Sinhala	E/T	275	✓					
	Beginner's Course in Tamil	E/S	556	✓					
	Cert. in care & Pro. Of Chi.	E	30	✓					
	Short Course in Tamil	E/S	492	✓					
	Basic course in Sinhala	E/T	260	✓					
	Basic Course in Tamil	E/S	230	✓					
	Short course on Research Methodology in Social Sciences	E	30						✓
<b>Total</b>			<b>8836</b>						

### Faculty of Natural Sciences

Faculty	Programme	Medium	Intake 2012	Foundation & Certificate Levels	Diploma Levels	Degree levels	Post graduate levels	No. of Graduates(2012)
Natural Sciences	BSc	E	1503			x		
	BSc in Nursing	E	474			x		
	Diploma in Nursing	E	20		x			
	Diploma in Microbiology	E	12		x			
	Foundation course in Science	E	474	x				
	ACLT	E	41	x				
	CLT	E	59	x				
	Certificate in Applied electronics	E		x				
	Certificate in Wildlife Conservation & Mgt.	E/S	23	x				
	Certificate in	E			x			

	Environmental Studies							
	CCNS	E	41	x				
	CPCA	E	44	x				-
	Masters/PG Diploma in Environmental Science	E	32				x	MSc- PGDip -
	MPhil/PhD	E					x	PhD - MPhil-
<b>Total</b>			<b>2723</b>	<b>08</b>	<b>02</b>	<b>02</b>	<b>02</b>	

## 6. Details of Foreign Students:

### Faculty of Humanities & Social Sciences

Faculty	Course	Medium	Intake 2012	1 <sup>st</sup> year Students	2 <sup>nd</sup> year Students	3 <sup>rd</sup> year Students	4 <sup>th</sup> year Students	No. of Graduated
HSS	Bachelor of Management Studies	English	02					
	Beginners Course in English	English	01					
	Beginners Course in Sinhala	English	01					
<b>Total</b>			<b>04</b>					

**07. Details of Academic & Non Academic Staff**

Table 2 - Staff Position - Approved Cadres, filled and Vacant

<b>Staff Categories</b>	<b>Approved</b>		<b>Filled</b>		<b>Vacant</b>	<b>Temporary</b>
Academic	315+5 *	320	282	282	38	25
Library and Media	10	10	9	9	1	-
Academic Support	188	188	154	154	34	7
Administrative	<b>59**+30</b>	<b>89</b>	<b>28**+21</b>	<b>49</b>	40	2
Other Workers (skilled+non-skilled)	669+10 *	679	513	513	166	76
<b>Total</b>	<b>1269+15 *</b>	<b>1286</b>	<b>1007</b>	<b>1007</b>	<b>279</b>	<b>110</b>

**59\*\*** - Admin Officers    **28\*\***- Admin Officers

**\* - 2012 approved cadre.**

### 08.1 Details of Academic Staff - 2012

Faculty	Specialization	Medium	Senior Professor	Professor	Senior Lecturer	Lecturer	Lecturer (Prob.)	EA, ETA	Temp.
									Demonstrators
Natural Sciences	Science	English	2	3	33	19	22		11
	Science	English/Sinhala/ Tamil		1	4		2	4	40
									8
Education	Education	Sinhala/English Tamil/English		1 1	4 2	2	4 1		
		Sinhala Tamil			2 1		12 4		2
Regional	Natural Science	English			1				13
Educational Services	Agriculture	English				1			5
	Nat. Sc.Forestry	English				1			
	Computer Sc.	English				3	1		
	Botany	English				1			
	Physical Science	English				1			
	Engineering	English				1		8	4
	Economics	English					1		
	Sociology	Sinhala					1		4
	Civil	English						1	
	IT							1	
Educational Technology	Media	English			1	3			-
Humanities & Social Sciences	Language	English			7	4	4		
		Sinhala/Tamil			1	-	1		
	Legal	English/Sinhala		1	4	2	8		2
		English				-			
		English/Tamil			1	-	1		

	Management	English/Sinhala	1		10	1	4	1	
		English/Tamil				1	1		
	Social Studies	English/Sinhala	1		8	-	6		2
		English/Tamil			2	-	1		
Engineering	Agriculture	English		1	5				1
Technology	Civil	English		2	11	-		1	8
	Electrical	English			9	2	7		7
	Maths. & Phil	English	1		1	1	3	1	4
	Mechanical	English			10	2	8	2	7
	Textile	English		3	3	2	3	-	4
<b>Total</b>			<b>5</b>	<b>13</b>	<b>120</b>	<b>47</b>	<b>95</b>	<b>19</b>	<b>122</b>

## 08.2 Details of Non-Academic Staff

Most Senior	No.	Senior Staff	No.	Junior Staff	No.	Minor Employees	No.	
Registrar	1	Stenographer	3	Caretaker	1	Labourer	11	
Senior Asst.Registrar	4	Clerk	18	Cycle-Orderly	2			
Asst. Registrar	2	Typist	1	Store-man	1			
Senior Personal Secretary to	1	Telephone Operator	5					
Principal Executive Officer		Data Entry Operator	2					
Statistical Officer	1	Computer App. Asst.	9					
Asst. Internal Auditor	1	Supervisor(Maintenance)	1					
		Store-Keeper	1					
		Audit-Assistant	1					
Bursar	1	Stenographer	2			Labourer	2	
Deputy Bursar	1	Shroff	2					
Senior Asst. Bursar	1	Book-Keeper	3					
Asst. Bursar	3	Data Entry Operator	2					
		Comp. App. Assistant	5					
		Clerk	9					
Senior Asst. Bursar	1	Clerk	2			Labourer	3	
		Computer App. Asst.	1					
		Typist	1					
		Store-Keeper	2					
		Security Inspector	3					
		Security Guard	16					
				Driver	16			
				Lorry Cleaner	1			
Asst. Registrar	1	Stenographer	2	Office Machine Operator	1	Labourer	3	

		Clerk	1				
		Comp. App. Asst.	4				
		Pre-School Asst.	6				
		Day Care Assistant	1				
Asst.Registrar	1	Stenographer	1	Craft Demonstrator	6	Labourer	5
Electronics Engineer	2	Typist	2	Driver	1		
Training Engineer	1	Clerk	4	Laboratory Attendant	12		
Chief Technical Officer	1	Comp. App. Asst.	5	Fitter	1		
		Data Entry Operator	5	Welder	1		
		Store-Keeper	1	Tool Issuer	2		
				Motor Mechanic	1		
		Technical Officer	14	Office Machine Operator	1		
		Draughtsman	3				
Asst. Registrar	1	Typist	4	Roneo Machine Operator	1	Labourer	5
		Stenographer	2				
		Clerk	4				
		Comp. App. Asst.	2				
		Data Entry Operator	6				
Asst. Registrar	1	Clerk	3	Laboratory Attendant	9	Labourer	6
		Typist	3				
		Data Entry Operator	4				
		Stenographer	1				
		Comp. App. Asst.	3				
		Draughtsman	1				
		Technical Officer	11				
Senior Asst. Director	1	Security Inspector	2	Carpenter	1	Labourer	26
Asst. Registrar	1	Store-Keeper	2	Mason	2		
		Comp. App. Asst.	16	Plumber	1		
		Data Entry Operator	1	Electrician	1		
		Library Assistant	4	Health Service Labourer	5		
		Clerk	21	Caretaker	2		
		Technical Officer	3	Laboratory Attendant	3		

		Supervisor(Landscape)	1	Security Guard	3		
		Stenographer	1		1		
Senior Asst. Registrar	1	Clerk	10	Office Machine Operator	1	Labourer	3
		Stenographer	1				
		Data Entry Operator	2				
		Typist	1				
		Comp. App. Asst.	1				
Senior Asst.Registrar	1	Library Assistant	10	Book-Binder	2	Labourer	4
		Comp. App. Asst.	1	Library Attendant	2		
Illustrationist	2	Clerk	1			Labourer	2
Audio Visual	10	Comp. App. Asst.	1				
Technical Officer (Higher Grade)		Store-Keeper	1				
		Data Entry Operator	1				
		Public Health Inspector	1	Attendant	1		
		Pharmacist	1				
Senior Asst.Registrar	1	Clerk	4			Labourer	2
		Data Entry Operator	1				
		Typist	1				
		Comp. App. Asst.	3				
Curator	1	Store-Keeper	1	Carpenter	4	Labourer	14
Works Engineer(Civil)-II	1	Clerk	1	Mason	2		
		Supervisor(Maintenance)	1	Gardener	2		
		Comp. App. Asst.	1	Electrician	3		
		Works Superintendent	2	Plumber	2		
		Draughtsman	1	Health Service Labourer	2		
		Supervisor(Civil/Elect.)	3				
		Supervisor(Landscape)	1				

						Labourer	1	
Printer	1	Clerk	2	Junior Plate Maker	1	Labourer	7	
Asst. Bursar	1	Junior Litho Artist	1	JuniroLitho Machine Operator	1			
Asst. Printer	1	Store-Keeper	1	Book-Binder (Press)	3			
		Binding Foreman	1	Office Machine Operator	1			
				Book-Binder	1			
				Guillotine Operator	1			
				Litho Machine Attendant	1			
				Litho Machine Operator	4			
				Litho Artist	2			
				Process Camera Operator	1			
				Type-Setter	1			
				Press-Assistant	1			
Director	1	Data Entry Operator	2			Labourer	1	
Deputy Information	1	Clerk	1					
Systems Manager		Comp. App. Asst.	3					
		Computer Programmer	1					
		Computer Operator	4					
		Technical Officer	3					
	<b>49</b>		<b>304</b>		<b>114</b>		<b>95</b>	<b>513</b>

## 9. Details of Research, Innovation and Publications:

### Faculty of Education

Subject	Published	Commercialized	Presented
a. No of Researches	30	-	30
b. No of Innovations	-	-	
c. No of Journals	01	-	
d. No of Books	03	-	
e. No of Articles	13	-	
f. Others	-	-	
<b>Total</b>	<b>47</b>		<b>30</b>

### Faculty of Engineering Technology

Subject	Published	Commercialized	Presented
a. No of Researches	07		
b. No of Innovations	--		
c. No of Journals	11		
d. No of Books	01		04
e. No of Articles	03		01
f. Others			54
<b>Total</b>	<b>22</b>		<b>59</b>

### Faculty of Humanities & social Sciences

Subject	Published	Commercialized	Presented
a. No of Research Projects	10		22
b. No of Innovations	3		3
c. No of Journals	1		1
d. No of Books	3		1
e. No of Articles	14		3
f. Others	8		8
<b>Total</b>	<b>39</b>		<b>38</b>

### Faculty of Natural Sciences

Subject	Published	Commercialized	Presented
a. No of Research Projects	18		15
b. No of Innovations			
c. No of Journals	10		16
d. No of Books	03		
e. No of Articles	25		20
f. Others	02		
<b>Total</b>	<b>58</b>		<b>51</b>

## 10. Details of Programmes, Seminars & Workshops

### Faculty of Education

Subjects	Attended	Completed	Presented
a. No of Postgraduate Degree Programme	07	01	
b. No of Postgraduate Diploma Programme	01		
c. No of Degree Programme			
d. No of Diploma Programme			
e. No of Certificate Programme			
f. Other	01		
<b>Total</b>	<b>09</b>		

### Faculty of Engineering Technology

Subjects	Attended	Completed	Presented
a. No of Postgraduate Degree Programme	01		
b. No of Postgraduate Diploma Programme	01		
c. No of Degree Programme	01		
d. No of Diploma Programme	01		
e. No of Certificate Programme	01		
f. Other	18		
<b>Total</b>	<b>23</b>	--	--

### Faculty of Humanities & Social Sciences

Subjects	Attended	Completed	Presented
a. No of Postgraduate Degree Programme	7	6	9
b. No of Postgraduate Diploma Programme	-	1	-
c. No of Degree Programme	6	6	29
d. No of Diploma Programme	-	-	5
e. No of Certificate Programme	11	1	3
f. Other	36	-	20
<b>Total</b>	<b>60</b>	<b>14</b>	<b>66</b>

## Faculty of Natural Sciences

Subjects	Attended	Completed	Presented
a. No of Postgraduate Degree Programme	03		
b. No of Postgraduate Diploma Programme			
c. No of Degree Programme			
d. No of Diploma Programme			
e. No of Certificate Programme	02	02	
f. Other	09	01	
<b>Total</b>	<b>14</b>	<b>03</b>	--

### 11. Details of Award Received:

#### Faculty of Education

Subjects	No of Awards	No of Academics	No of Students
a. Local awards	02		
b. National Awards			
c. International Awards	03	02	
d. Others			
<b>Total</b>	<b>05</b>	<b>02</b>	

#### Faculty of Engineering Technology

Subjects	No of Awards	No of Academics	No of Students
a. Local awards			
b. National Awards			01
c. International Awards			
d. Others			01
<b>Total</b>			<b>02</b>

#### Faculty of Humanities & Social Sciences

Subjects	No of Awards	No of Academics	No of Students
a. Local awards			
b. National Awards			
c. International Awards	1-Gold Medal		
d. Others			
<b>Total</b>	<b>1</b>		

## Faculty of Natural Sciences

Subjects	No of Awards	No of Academics	No of Students
a. Local awards	03	03	
b. National Awards	04	04	
c. International Awards			
d. Others			
<b>Total</b>	<b>07</b>	<b>07</b>	

### 12.1 Details of New Course Started: (started 2011)

#### Faculty of Education

Faculty	Course	Medium	Certificate	Diploma	Degree	Postgraduate Diploma	Master	M Phil	PhD
Education-STE	Short course in Multi Grade Teaching (Will be started in February)-01	S,T	√						
<b>Total</b>	<b>01</b>								

#### Faculty of Engineering Technology

Faculty	Course	Medium	Certificate	Diploma	Degree	Postgraduate Diploma	Master	M Phil	PhD
Engineering Technology			--	05	05	03	03	--	--
<b>Total</b>			<b>--</b>	<b>05</b>	<b>05</b>	<b>03</b>	<b>03</b>	<b>--</b>	<b>--</b>

## Faculty of Humanities & Social Sciences

Faculty	Course	Medium	Certificate	Diploma	Degree	Postgraduate Diploma	Master	M Phil	PhD
HSS	Short course on Research Methodology in Social Sciences	E						✓	
<b>Total</b>								<b>1</b>	

## Faculty of Natural Sciences

Faculty	Course	Medium	Certificate	Diploma	Degree	Postgraduate Diploma	Master	M Phil	PhD
	BOU3100	English			x				
	BOU3101				x				
	BOU3102				x				
	BOU3103				x				
	BOU3104				x				
	BOU3105				x				
	BOU3106				x				
	BOU3108				x				
	BOU4311				x				
	Environment Science	English		x					
	Home Based Care	English	x						
<b>Total</b>			<b>01</b>	<b>01</b>	<b>09</b>				

## 12.2 Details of On-line Programmes

### Faculty of Education

Faculty	On-line Course	Medium	Certificate	Diploma	Degree	Postgraduate Diploma	Master	M Phil	PhD
Education-STE	ESP2242(01)	English					✓		
<b>Total</b>	<b>01</b>						<b>01</b>		

### Faculty of Engineering Technology

Faculty	On-line Course	Medium	Certificate	Diploma	Degree	Postgraduate Diploma	Master	M Phil	Ph D
			01	25	45	--	02	--	--
<b>Total</b>			<b>01</b>	<b>25</b>	<b>45</b>	<b>--</b>	<b>02</b>	<b>--</b>	<b>--</b>

### Faculty of Humanities & Social Sciences

Faculty	On-line Course	Medium	Certificate	Diploma	Degree	Postgraduate Diploma	Master	M Phil	Ph D
HSS	Jurisprudence	E			✓				
	Family Law	E			✓				
	Administrative Law	E			✓				
	Introduction to the Laws of Sri Lanka	E			✓				
	Environmental Law	E			✓				
<b>Total</b>									

### Faculty of Natural Sciences

Faculty	On-line Course	Medium	Certificate	Diploma	Degree	Postgraduate Diploma	Master	M Phil	PhD
	BOU1200,	English			x				
	BOU2200,	English			x				
	BOU2104,	English			x				
	BOU3106	English			x				
	BOU3209	English			x				
	Diploma in Microbiology	English		x					
	CMU2122 – Inorganic Chemistry	English			x				

	Organometallic Chemistry (CMU3122)	English			x				
	Literature Project in Chemistry (CMU3134)	English			x				
	Research Project in Chemistry (CMU3235)	English			x				
	Understanding Law (LWU1161)	English			x				
	Concepts in Chemistry (CMU2220)	English			x				
	Spectroscopy (CMU3131)	English			x				
	Basic Principles of Chemistry (CMU1220)	English			x				
	CPU2140(2011/2012)	E			x				
	CPU3146(2012/2013)	E			x				
	<b>PYU3266- Essentials of Geology – supplementary</b>	English			x				
	<b>PYU3168 – Fundamentals of Geophysics– supplementary</b>	English			x				
	Medical Physics PYU 3167 supplementary	English			x				
<b>Total</b>				<b>01</b>	<b>18</b>				

13. Details of Recurrent Expenditure:

Subject	2011 Rs	2012 Rs
a. Personal emoluments	683,306,135.43	696,823,441.79
b. Travelling	4,995,362.63	3,102,591.19
c. Supplies	42,419,328.67	35,223,961.86
d. Maintenance	20,446,370.95	22,264,871.60
e. Contractual services	166,655,763.63	139,176,756.00
f. Other	86,458,395.91	79,281,529.82
<b>Total</b>	<b>1,004,281,357.22</b>	<b>975,873,152.26</b>

14. Details of Capital Expenditure:

Subject	2011 Rs	2012 Rs
a. Acquisition of furniture & other Office Equipment	27,341,818.39	56,165,711.26
b. Acquisition of Machineries	19,300.00	3,474,718.53
c. Acquisition of Building & Structures	16,771,329.78	34,867,764.83
d. Other (Library Books, Cloaks and Motor Vehicles)	14,138,802.10	14,900,353.55
<b>Total</b>	<b>58,271,250.27</b>	<b>109,408,547.97</b>

15. Details of Projects (Local/Foreign Funded)

Name & Detail	Loan/ Grant	Funding Agency #	TEC Rs.	RFA Rs.	DF Rs.
ESDG	Grant	WB			
ADB	Loan				
<b>Total</b>					

# (GOSL/ADB/IDA/WB/ .....

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

Name	TCE Rs.	Exp in 2011 Rs	Exp in 2012 Rs	Cumulative Exp as at 31.12.2012	% of Physical progress
ESDG					
ADB					
<b>Total</b>					

17. Details of Financial Progress (Expenditure)

Subject	Provision in 2012 Rs.	Exp in 2012 Rs	Savings/Excess Rs.
a. Recurrent except Project	1,066,465,000	975,873,152.26	
b. Capital except Project	176,641,000	109,408,547.97	
c. Project – Local funded		--	
d. Project foreign funded	--	--	
<b>Total</b>	<b>1,243,106,000</b>	<b>1,085,281,700.23</b>	

18. Details of Financial Progress (General Income)

Source of Revenue	Provision in 2012 Rs.	Collection in 2012 Rs	Deficit/Surplus Rs.
a. Undergraduate Studies	334,811,000.00	193,542,145.68	
b. Postgraduate Studies	--	96,771,072.84	
c. Consultancies	--	--	
d. Other	2,600,000.00	--	
<b>Total</b>	<b>337,411,000.00</b>	<b>290,313,218.52</b>	

19. Financial Performance Analysis – 2011

Source of Revenue	Formula	Exp. Per Student Rs.
a. Recurrent Expenditure per Postgraduate Student	RE/No of Student strength	59,045.00
b. Recurrent Expenditure per Undergraduate Student	RE/No of student strength	35,393.00
c. Capital Expenditure for Postgraduate student	CE/No of student strength	8,478.00
d. Capital Expenditure for Undergraduate student	CE/No of student strength	5,082.00
<b>Total</b>		<b>107,998.00</b>

20. Details of Infrastructure Facilities Received in 2012:Rs. **36,081,871.27**

Infrastructure Details	Expenditure Rs	Physical Progress
ColomboRegionalCentreBuilding	33,262,520.74	Work in progress
Regional Centre	2,309,518.52	Completed
Greater Colombo Regional at Nawala Centre	1,922,352.75	Completed
<b>Total</b>	<b>37,494,392.01</b>	

21 Any Other Details/Performance Relevant to this Report:



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கணக்காளர் தலைமை அறியுதி திணைக்களம்

**AUDITOR GENERAL'S DEPARTMENT**



මගේ අංකය  
எனது இல  
My No

EC/H/OU/FA/12

ඔබේ අංකය  
உமது இல  
Your No.

දිනය  
திகதி  
Date

07 November 2013

Vice Chancellor  
Open University of Sri Lanka.

**Report of the Auditor General on the Financial Statements of the Open University of Sri Lanka for the Year ended 31 December 2012 in terms of Sub-section 108 (1) of the University Act No.16 of 1978.**

The audit of financial statements of the Open University of Sri Lanka for the year ended 31 December 2012 comprising the statement of financial position as at 31 December 2012 and the statement of comprehensive income, 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 Section 111 and Sub-section 107(5) of the Universities Act No.16 of 1978. A detailed report in terms of Sub-section 108 (2) of the Universities Act No.16 of 1978 was furnished to the Vice chancellor of the University on 08 August 2013.

**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.

අංක 306/72 පොල්දූව පාර,  
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இல. 306/72, பொல்துவ வீதி,  
பத்தரமுல்லை இலங்கை

No.306/72, Polduwa Road,  
Battaramulla, Sri Lanka

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பக்கல் இல } 2887222

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### **1.3 Auditor's Responsibility.**

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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. 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 misstatements 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 the financial statements. Sub-sections (3) and (4) of section 13 of the Finance Act No.38 of 1971 give discretionary powers to the Auditor General to determine the scope and extent of the Audit.

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

### **1.4 Basis for Adverse Audit Opinion.**

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Had the matters in paragraph 2.2 of this report been adjusted many elements in the accompanying financial statements would have been materially affected.

## **2. Financial Statements.**

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### **2.1 Adverse Opinion.**

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In my opinion, because of the significance of the matters described in paragraph 2.2 of this report, the financial statements do not give a true and fair view of the financial position of the Open University of Sri Lanka as at 31 December 2012 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.**

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#### **2.2.1 Sri Lanka Public Sector Accounting Standards.**

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The following observations are made.

- (a) Even though a proper policy in recognizing income should have been followed in terms of the provisions of the Public Sector Accounting Standards No.01 and 03, the policy of recognizing income of Short Term Courses and Other Sources of income had not been disclosed.
- (b) Even though the income and expenditure of the University should not be settled against each other in the financial Statements in terms of the Public Sector Accounting Standard No.01, the income and expenditure had been settled against each other and presented in the financial statements furnished by the University.

#### **2.2.2 Accounting Policies.**

---

The income received from Short Term Courses and Other Sources of income of the University, and expenditure incurred thereon, had been brought to account as per subsequent decision taken by the Centre for Consultancy and External Resources which

implemented as Internal Committee of the University instead of brought to account in terms of the Public Sector Accounting Standards. It was observed as this committee decision had delayed, the income from Short Term Courses and other sources of income and expenditure thereon for the period from 2008 to 2011 had been recognized as income and expenditure of the year 2012.

### **2.2.3 Accounting Deficiencies.**

---

- (a) The value of the lands where the Education Centers of Vauniya and Gampaha were situated, had been revalued excessively by Rs.585,500 and shown in the financial statements.
- (b) The legal ownership of the lands had not been vested with the University where the buildings of Regional Offices and Education Centers had been Constructed, But the value of the lands and buildings amounting to Rs.13,792,455 had been included in the financial statements.
- (c) It was pointed out through the Notes to the financial statements that the value of lands should be decreased by Rs.193,888,000 and the value of the buildings should be increased by Rs.53,905,317 according to the interim report of the Department of Valuation presented in the year 2012. Further the completed report on revaluation functions executed by the Department of Valuation had not been presented even by 30 April 2013 and as such it was unable to satisfy in audit on the correctness of the balances of assets, accumulated depreciation, and revaluation reserve shown in the financial statements.
- (d) Even though motor vehicles, furniture, machineries and equipment valued at Rs.1,896.5 million had been received during the period from the year 2004 to 2010 as grants of the Distance Education Modernization Project, the value of office equipment machineries and plant had been brought to account understating by Rs.663.5 million and the value of motor vehicles, furniture and laboratory

equipment overstating by Rs.144 Million. It was observed that depreciation on fixed assets had been understated due to that action had not been taken to identify the goods received and adjust the accounts even by 31 December 2012.

- (e) Even though constructions valued at Rs.971.9 million had been carried out at the Head Office premises Nawala, and Regional Education Centers of the University it had been brought to account as Rs.903.08 million understating by Rs.68.1 million and the accumulated depreciation relating to that had been brought to account understating by Rs.12.4 million. Owing to the erroneous computation the accumulated depreciation had been brought to account overstating by Rs.26.9 million due to not correctly deciding the year of completion of construction and not considering the liquidated damages.
- (f) Money credited to the collection account of the University by the students for other fees including fees for courses of the University had not been identified daily and not recorded and as such money received from the students amounting to Rs.10,284,621 brought forward from the year 2009 had been shown as unidentified receipts in the financial statements.
- (g) Income received from income sources under the authority of the Centre for External Research Committee appointed by the Governing Council had been recognized and brought to account after several years without recognizing the income at each instance of respective work completed. The income received in 08 instances from the year 2008 to 2012 amounting to Rs.12,691,683 and expenditure incurred thereon amounting to Rs.6,787,295 had not been brought to financial statements as income and expenditure even by 31 December 2012.
- (h) All other money belonging to higher education institute and acquired from any source should be credited to Universities Fund in terms of the Section 99 (d) of the Universities Act. Nevertheless a sum of Rs.4,966,250 received from Short Term Courses and 03 Other Sources of income which had not been recognized as income

of the year under review had been erroneously shown as a fund in the statement of Financial Position as at 31 December 2012.

- (i) Out of the miscellaneous advances and supplies advances granted to officers for the activities of the University, the unsettled balance at the end of the year under review amounted to Rs.1,156,678 and of these the balance of Rs.159,430 remained more than 03 years. Any action had not been taken by the University to recover these advances from the officers who obtained advances.
- (j) The relevant work had been completed from the money received for foreign funded projects and other special projects of the Open University but the balance money amounting to Rs.12,703,904 had not been refunded and it was shown as Restricted Funds as at 31 December 2012. A sum of Rs.4,643,856 retained more than 05 years had included in that balance.
- (k) Forty four sources of funds allocated to miscellaneous fund included in the constraint fund totalled Rs.19,123,144 and the transactions had not been made during the year 2012. While 21 funds totalling Rs.10,572,256 had remained idle for more than 03 years. Further 13 funds totalling Rs.4,688,565 had remained idle for more than 05 years.
- (l) The income which considered as income from Short Term Courses received for 04 degree level courses and postgraduate level courses for the period from the year 2008 to 2012 amounting to Rs.17,312,154 and expenditure thereon amounting to Rs.13,702,714 had not been recognized as income or expenditure in the financial statements. Unidentified course fees had been shown as pre-receipts of advances.

#### **2.2.4 Unexplained Differences.**

---

A sum of Rs.12,075,117 had been recovered from the academic staff and non-academic staff who violated the bonds in the year 2012. Nevertheless it was shown as Rs.15,078,188 recovered from 16 officers according to the schedule furnished by Establishment Section, and as such a difference of Rs.3,003,071 was observed.

#### **2.2.5 Accounts Receivable.**

---

The following observations are made.

- (a) The Distance Education Computer Access Centers (NODES ACCESS CENTERS) belonging to the Ministry of Higher Education were maintained at the Regional Offices and 20 Educational Centers of the Open University. Effective action had not been taken to recover a sum of Rs.36,993,600 receivable for supply of building accomadation, electricity, water, security and sanitation facilities for those centers by the University.
- (b) According to the agreements entered into with 40 Lecturers and Officers who had violated the bonds in awarding foreign scholarships to the academic and non-academic staff of the University, the surety bonds amounted to Rs.82,622,135 and of there a sum of Rs.11,001,675 should be recovered from 15 of them and that action taken to recover that money was not in a satisfactory position.

#### **2.2.6 Lack of Evidence for Audit**

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The following items shown in the financial statements could not be satisfactory verified/vouched in audit due to lack of evidence shown against each item.

Item	Value Rs.	Evidence not made Available
(a) Received as grants -Furniture	116,887,429	Boards of Survey Reports, schedules and Registers to prove the assets have been received correctly.
(b) Academic Staff - Salaries and allowances	376,765,979	Attendance Registers.

#### 2.2.7 Non- compliance with Laws, Rules, Regulations and Management Decisions.

Instances of non- compliance with the provision of laws, rules, regulations and management decisions are given below.

Reference to Laws, Rules, Regulations ect.	Non- compliance
(a) Financial Regulation 371(6)	<p>(i) A sum of Rs.13,424,081 had been granted as advances in 171 instances exceeding the maximum ad-hoc sub imprests limit of Rs.20,000 of these in 37 instances advances totalling Rs.7,567,365 had been paid exceeding Rs.75,000.</p> <p>(ii) As ad-hoc sub imprests had been granted without an acceptable estimate, the balance of advances ranged between 20 to 94 per cent had remained.</p>
(b) Establishments code for Universities and Higher Education Institutions.	
(i) Sub- section 26.17 of Chapter III	Registers in respect of payments made to Visiting Lecturers, for lectures in Day Schools in the Regional Centers, Colombo had

- (ii) Section 3.1 of Chapter XX
- (c) Public Finance Circular  
No.380 dated 19 January 2000
- (d) Public Enterprises Circular  
No.95 dated 14 June 1994
- (e) Internal Circular  
No.VV/2011/VC/01 of the  
Open University dated 06  
October 2011
- not been maintained properly.
- Even though every person who were in the service of the University should be recorded their arrival and departure, the academic staff had not recorded their arrival and departure.
- Income surplus of 04 Long Term courses conducted under the authority of Consultancy and External Resources Center, amounting to Rs.5,519,736 had been erroneously transferred to miscellenous Funds in the year under review.
- Despite a deficit of Rs.50,067,844 was in the financial results of the financial statements for 2012 a scheme of Incentive Allowance had been approved by the Governing Council as per performance of faculties and regional centers of the University and a sum of Rs.7,986,409 had been allocated to pay incentive allowances.
- Even though it was decided to open savings accounts and grant an advance to pay for telephones, electricity, and water and to make payments to daily employees in the regional centers, a sum of Rs.500,000 had been granted at the rate of Rs.50,000 for 10 centers according to the workload of the education centers without considering the requirement. A sum of Rs.300,000 had been idle in 06 centers.

### **3. Financial Review.**

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#### **Financial Results.**

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According to the financial statements presented, the operation of the University had resulted in a deficit of Rs.713,167,844 before taking into account the Government grant as against the surplus of Rs.1,068,810,727 for the preceding year. After taking into account the Government grant of Rs.663,100,000 received for recurrent expenditure for the year under review that deficit had decreased up to Rs.50,067,844. The Government grant received for recurrent expenditure from the Government for the preceding year amounting to Rs.628,386,000 and identification of the amortization of capital grants for the previous period had attributed for the improvement of surplus amounting to Rs.1,697,196,727 of that year.

Accordingly, the decrease of students income and sale of application income by Rs.206,309,920 and the decrease of amortization for donations and capital grants by Rs.1,592,996,579 had mainly attributed for the deterioration of financial results amounting to Rs.1,747,264,571 for the year under review as against the previous Year.

### **4. Operation Review.**

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#### **4.1 Performance.**

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The following observations are made.

- (a) According to the Corporate Plan prepared for the years 2011-2016 of the University, the examination results should be released within 45 days. Out of the examinations conducted in 76 instances in respect of 60 courses during the year 2011/2012 more than 180 days (more than 6 months) had been taken to release results in 19 instances. While more than 365 days (more than one year) had been taken to release results in 06 instances. The results in respect of the examinations

conducted in 03 instances in the year 2011 had not been released even by 31 December 2012.

- (b) Delays on examination held and release of results had effected to recruitment of students for next group or next stage and due to delay of commencement of academic activities and examinations held the objectives expected by the action plan had not been executed in targeted durations.

#### **4.2 Management Inefficiencies.**

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The preparation of Management Information System had been carried out by 03 institutions of service providers. After completion of the project it should have been taken over by the Department of Information Technology of the Open University and the services should have been provided by that Department. Nevertheless it was not carried out and an agreement had been entered with a private institution for the implementation of functions of the Accounts Section only and it was revealed in audit a sum of Rs.2.8 million had been paid.

#### **4.3 Operating Inefficiencies.**

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The following observations are made.

- (a) Out of the lands utilized by the University, the lands belonging to Nawala premises had been shown in different extents in the different correspondence such as Deeds, Survey Plans, Register of Fixed Assets and Register of Land kept in Administration Section. Further 166.81 perches, out of the land extent of Nawala premises had been acquired for the Colombo Floods Control Project in the year 2007, but the relevant amendments to the Deeds and Survey Plans of the land had not been made.
- (b) Even though 12 Education and Regional Centers of the University had been constructed, those lands had not been transferred to the University.

- (c) The land in extent of 135.21 perches in which the Education Centre, Bandarawela and Circuit Bungalow constructed had not been included in the Register of Lands.

#### **4.4 Matters of Contentious Nature.**

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The following observations are made.

- (a) According to the stock verification report as at 31 December 2011 submitted to audit, Laptop computer valued at Rs.257,687 which received from Distance Education Modernization Project and issued to Registrar had been misplaced on 01 January 2010. A proper investigation had not been carried out relating to the loss of the computer in terms of Section 1.2 of Chapter xxv of the Establishments Code for Higher Education Institutions and decided to write off.
- (b) A sum of Rs.7.5 million had been granted in several instances since the year 2004 to 2010 by University Grants Commission for the development of information technology system of the library of the University, while a sum of Rs.06 million had been invested in fixed deposits without utilizing for respective purpose.
- (c) The University had constructed buildings in the Government lands and are being utilized. Even though it was a responsibility of the management of the university to take action for vesting the lands with the University, that actions taken for vesting the lands in which the Education and Regional Centers established were not in a satisfactory level.

#### **4.5 Idle and Under - utilized Assets**

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Three small bundle packing Machines valued at Rs.5,308,800 had been given to Packing Section of the University in 2009 under the funds of Distance Education Modernization Project. As Excessive expenditure had to be incurred when operating these machines and supplier had not supplied 02 modules these machines were not in a usable position.

According to the investigation report on these 03 machines made by officers of the Government Press it was confirmed that these machines were not suitable to Press and Packing Section and as such it was observed the sum of Rs.5,308,800 was spent a fruitless expenditure.

**4.6 Uneconomic Transactions.**  
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Two thousand ties had been purchased at the rate of Rs.490 each spending Rs.980,000 in the year 2010 for selling in the 30<sup>th</sup> Anniversary of the Open University. Out of these ties 204 ties had been issued comprising 27 free issues and 177 ties sold and the balance had been 1796. Those ties had been purchased without identification of the requirement and the balance had remained in the stores without being sold.

**4.7 Personnel Administration.**  
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Cadre position as at 31 December 2012 is given below.

	Approved Cadre	Actual Cadre	Vacancies
	-----	-----	-----
Academic Staff	346	285	61
Academic Subordinate Staff	188	155	33
Administrative Staff	87	50	37
Non- academic Staff	633	511	122
	-----	-----	-----
	1,254	1,001	253
	=====	=====	=====

Accordingly, the approved cadre of the University was 1,254 and of this, 253 representing 20 per cent had remained vacant as at the end of the year under review. Among these vacancies, sector wise higher number of vacancies as 18 per cent, 18 per cent, 43 per cent and 19 per cent had existed in the academic staff, academic sub-ordinate staff, administrative staff and non- academic staff respectively.

## **5. Accountability and Good Governance.**

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### **5.1 Action Plan.**

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Even though 231 activities had been determined to carry out through the Action Plan for the year 2012, information relating to the progress of those activities had not been reported to audit. Further the performance report for the year 2012 had not been prepared by the University. According to the audit test check carried out in respect of 21 activities which should be executed in the Action Plan had been delayed.

### **5.2 Internal Audit.**

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The following matters were observed.

- (a) According to the Internal Audit Programme for the year 2012 the internal audit programme had been planned under 12 items of the Open University. Nevertheless one item of audit programme in respect of regional centers had not been covered due to lack of staff.
- (b) Attention had not been paid to get the required cadre approved and recruit number of posts required to implement the adequate internal audit.

### **5.3 Budgetary Control.**

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Variations from 33 per cent to 1,238 per cent were observed between the estimated income and actual income for 07 sources of income for the year 2012. Further, there were variations from 25 per cent to 202 per cent between the estimated expenditure and actual expenditure in respect of 19 Expenditure Heads. It was observed that the budget of the University had not been made use of as an effective instrument of management control in considering the respective expenditure and as compared with the actual income and expenditure.

### **6. Systems and Controls.**

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Deficiencies observed during the course of audit were reported to the Vice Chancellor of the University from time to time. Special attention is needed in respect of the following areas of Control.

- (a) Conduct of Examinations and Issue of Results.
- (b) Funds Control.
- (c) Cash and Bank Activities
- (d) Control over Fixed Assets.
- (e) Arrival and Departure of the Academic Staff.

H.A.S.Samaraweera  
Auditor General.

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எமது இல.  
My No.

ඔබේ අංකය  
உமது இல.  
Your No.

දුරකථනය  
தொலைபேசி  
Telephone

853615  
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இலங்கைத் திறந்த பல்கலைக்கழகம்  
THE OPEN UNIVERSITY OF SRI LANKA

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அஞ்சற் பெட்டி 21  
நாவல்  
நுகேகோட.

Post Office Box 21  
Nawala  
Nugegoda

09<sup>th</sup> December, 2013

Auditor General  
Auditor General's Department  
No. 306/72, Polduwa Road  
Battaramulla.

Sir

Auditor General's report in terms of Section 108(2) of the Universities Act No. 16 of 1978,  
with regard to the in respect of the Financial Statements of the OUSL for the year ended  
31.12.2012

My comments and observations with regard to the above Audit Report are indicated below :

2. Financial Statements

2.1 Audit Opinion

2.2 Comments on Financial Statements

2.2.1 Accounting Standards

(a) Policies to identify revenue in University Financial Statements, are clearly indicated in Financial Statements No. 4.11 under 4.11.1 and the University has taken action accordingly.

(b) OMIS Accounting system does not provide the facilities to Account separately the Income and Expenditure relevant to the Courses conducted under the approval of CERC and it is particularly not possible to Account separately all transactions done through one Account. However, while preparing the Financial Accounts action was taken to account for Income and Expenditure in Accordance with Accounting Standards.

2.2.2 Accounting Policies

Income received from short term courses and other Income generating sources are identifies as Income paralal to the expenditure of the respective short term courses and action is taken to correctly account for income free of all lapses and errors for the year 2013.

### 2.2.3 Accounting Deficiencies

(a), (b) & (c)

Government Valuation Department had been entrusted with the task of re-valuing all fixed assets of the University. Re-valuation was commenced on 28.08.2012 and has reached the final stages. As soon as the final report of the Valuation Department is received, adjustments in the Financial Statements could be made based on such report. If the value of the lands had been over assessed, action will be taken to correct it when the necessary adjustments are made.

(d) & (e)

University had taken into Accounts all Assets and Services received under the Distance Education Modernization Project. Such accounting was done based on the information and confirmed evidence recorded that the said assets and services were directly received by the University.

However, the assets that were undervalued and taken into accounts were later accounted for, free of all lapses and errors, after an inspection conducted by the University Internal Audit Section, in the year 2011.

Nevertheless, the information forwarded by the Government Audit Division had been based after examining the files of the DEMP Office and also on audited information. Hence, there is a disparity between the information provided by the Government Audit Division and what is reported by the University. Our Accounts were prepared based only on the information now in possession of the University. Hence it is a difficult task for the University to account for the data straightway proposed by the Government Audit Section. University Council has appointed a three member Committee to examine the relevant activities of the DEMP. On receipt of the report of this Committee, the accounting deficiencies, if any, could be corrected.

(f) The staff members always attempt to identify the balance in the un-identified students receipt account and account for such balance. The payments made to our Bank Account by the students are forwarded directly to the University through the Internet and the Students Accounts are updated by entering the Text-File to the Accounting system. But in instances where the registration number and the identification have not been correctly entered such receipts are not automatically accounted for and remain as a balance in the unidentified student receipts account. Although the Bank had been notified about this matter, it had been a common feature that the Bank computerizes the student number incorrectly.

Our staff members consistently work to correct the unidentified balances by examining the vouchers and files submitted by the students, to the Student Affairs Division.

- (g) The revenue received from all sources under approval of the CERC had been recovered as revenue but only the difference between revenue and expenditure, was shown as revenue, in the final accounts is up to the year 2011. However, as per audit queries raised by you with regard to the Accounts for the year 2011, revenue and expenditure had been revealed separately in the financial statements. The relevant officers have been notified to correct the deficiencies and omissions, pointed out by you in the audit query and the necessary corrections are being made even now.
- (h) Income relevant to Ledger folio numbers 2410 and 2415 is money received from an Institution for a specific purpose and as such it is not accounted for as revenue received earlier or advances made. Further the receipts and payments relevant to services under ET Fund, Educational Technology and the departmental fund for its improvements had been shown in accounts as a specific fund.
- (i) In this connection the relevant Officers were notified and action would be taken to settle these advances before the end of the year.

(j) & (k)

Although no transactions were done for many years relevant to these accounts, it cannot be concluded that such accounts were inoperative. There are instances of having transaction in certain accounts after a lapse of five years.

- (l) Action has been taken to correct the shortcomings for the year 2013.

#### 2.2.4 Differences Un-clarified

Rs. 12,075,117/- has actually been recovered during the year 2012 from academic and non-academic staff members who have violated agreements. The Establishment Division has been notified to correct its schedules, accordingly.

#### 2.2.5 Accounts Receivable

- (a) Reminders have been sent to recover the amount receivable from the NAC centres and letters also have been sent indicating the amount receivable for the current year.
- (b) In this connection all possible steps have been taken by the University and details report had been sent by letter no. VV/AC/A.Q./2012 dated 05.08.2013.

## 2.2.6 Evidence not available in Audit

Subject	Value (Rs.)	Evidence not available in Audit
Furniture received as donations	116,887,429	A three member committee had been appointed to take action on this matter and on receipt of the Committee report a clear reply could be submitted in this regard.
Academic staff	376,765,979	In view of the general set up of the University system the time of arrival and departure of the academic staff is not noted and therefore, attendance registers cannot be submitted.

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

<u>Reference to Laws and rules etc.</u>	<u>Non compliance</u>
(a) Financial Regulations 371(d)	(i) It is not practically possible to limit the interim cash imprest to Rs. 20,000/- considering the necessity of services to be rendered and increase in the cost of goods and services. (ii) This imprest was obtained for Faculty Board Meetings, Senate Meetings and Workshops etc. In all such instances, advances are obtained based on the number of participants, but since it is difficult to pre-determining positively the number of participants, at times, part of the advance had to be returned.
(b) Establishment Code for the Institutions	Universities and higher educational Institutions
(i) Sub Section 26.17 of Chapter III	In this connections the relevant officers have been notified and action had already been taken to maintain properly the payment registers made to the Visiting Lecturers.
(ii) Sub Section 3.1 of Chapter XX	This does not happen, in view of the general set up of the entire University system.

(c) Govt. Finance Circular No. 19 dated 19.01.2000	University Council has already appointed a Committee to investigate into this matter and immediately on receipt of its recommendations this matter could be sorted out.
(e) University Internal Circular No. VV/2011/AC/01	In view of the employees problems in Kalutara, Vaunia and Jaffna Centres the interim advance had not been used in the year 2012. Although Bandarawela and Kegalle Centres have had transactions through this account the expenditure incurred from this account had not been included in the Accounts system. Hence it appears that these centres were non-operative. However, in the year 2013 this account was activated and was in operation.

### 3. Financial Review

#### Financial results

The set back in academic work due to strike action of academic and non-academic staff members was the result of the short fall of University revenue.

### 4. Operational Review

#### 4.1 Performance

##### (a) (b)

In the year 2012, the non academic staff or the University resorted to strike action from 06<sup>th</sup> to 27<sup>th</sup> June, 2012 and the academic staff from 04<sup>th</sup> July to 11<sup>th</sup> October, 2012 (about three months). In such circumstances, the conduct of Examinations and release of results as planned had to be postponed.

Further, because of certain lapses in the OMIS system also, there was a delay in the release of results of the General English Course.

The University was however, able to finalize all examination work and release the results prior to the convocation and later confer degrees to the eligible students.

#### 4.2 Management Inefficiencies

An agreement had been entered into with a service organization which provided its consultancies for the preparation of a management system and for the maintenance of such services provided by them. This does not apply only to the Finance Division but for the services rendered by them.

#### 4.3 Operational Inefficiencies

- (a) There are differences in the land allocated at the Nawala Premises as set out in the deeds and plans of the Nawala premises of the OUSL. Hence steps have been taken to re-survey the lands at Nawala premises.
- (b) Necessary action is being taken to vest the ownership of Lands located at Regional and Study Centres of the OUSL and copies of relevant letters were forwarded with the reply to Audit Query No. EC/H/OU/12AQ.17.
- (c) Steps were taken to include in the land registry the land at Thomas Road, Wewatenne, Bandarawela.

#### 4.4 Underutilized and underutilized assets

- (a) In this connection all legal actions have been taken and a summary of such actions is given below :
  - The day on which this incident occurred, that is the loss of Laptop computer on 02.10.2010 a complaint was lodged at the Mirihana Police Station.
  - The University security section had conducted immediately an investigation and the relevant report submitted to the Vice-Chancellor.
  - Regarding this incident a Senior Asst. Registrar had conducted a preliminary inquiry and has submitted his report to the Vice-Chancellor on 22.01.2010.
  - In none of inquiries a suspected person or any irresponsibility could not be identified.
  - Even the Police had not been able to take into custody a suspected person. This had been informed by letter dated 27.10.2012.
  - This matter was reported to the 40<sup>th</sup> Meeting of the Audit Committee held on 16.11.2012 and the Committee referred it to the University Council.
  - The University Council at its Meeting held on 21.12.2012 decided to write off from the books of Accounts of properties the laptop computer.
  - At the 43<sup>rd</sup> Meeting of the Audit Committee held on 13.03.2013 it was decided the decision of the Council be referred to the secretary of the Ministry of Higher Education.
- (b) From the funds received from the development of information technology of the Library Rs. 4,735,293.02 had been spent up to 31.12.2012 and for the balance orders have been placed already. Accordingly, the anticipated activities from this fund could be completed prior to the end of the year 2013.

- (c) Action is being taken to acquire and vest the ownership of lands located at regional educational centres of the OUSL and copies of relevant letters were forwarded with the reply to Audit Query No. EC/H/OU/12AQ 17.

#### 4.5 Unutilized and underutilized assets

- From the three Bundle Packing Machines, one is now being used by the Printing Press as stated in the query.
- Since Modular 70 Digit Packing Machine is not available, the Committee report was submitted in respect of the two Machines put out of use.
- The recommendations of the Committee was that these Machines are not required to maintain the distribution process of the Press of the University.
- Accordingly, the relevant Machine should be in the first instance be sold by a paper advertisement and if such attempt fails it has been decided to give the Machine for use in another state Organization.
- The relevant Committee decision has referred to the 388<sup>th</sup> Meeting of the Council held on 30.08.2013 and as per the decision of the Council quotations are called to sold two machines by a paper advertisement.

Although the closing date of receipt of quotations ended on 01.11.2013 no quotations had been received up to such date. Accordingly action is being taken to inquire from Government Institutions whether these machines are required by them.

#### 4.6 Uneconomical Transactions

It cannot be accepted that Ties are stored in the Stores unsold as these have been sold to students at the Convocations since 2010. Further it should be informed that 73 Ties have been sold up to the end of May, this year.

#### 4.7 Staff Management

Vacancies in the approved Cadre has been referred to the Secretary/Ministry of Higher Education for approval and filling the posts that are approved is being done new. (Conducting interviews and submission for Council approval) recruitments were done in respect of some vacant posts.

## 5. Accountability and Good Governance

### 5.1 Activity Plan

Activity plan is a work programme which is continuously updated hence targets that could not be achieved during the current year are updated to completed in the ensuing year on priority basis. Activities according to the activity plan of 2012 could not be completed because of the strike action of the academic and non-academic staff. Hence work anticipated in that year had to be postponed for the year 2013.

### 5.2 Internal Audit

- (a) The Internal Audit programme had been planned under 12 subject matters, relating to the Open University for 2012, one subject was shown as auditing of Regional Centres but as sufficient number of staff was not available. This work could not be commenced. With regard to the other 11 subject matters, auditing work had been done and in respect of 02 subject matters audit reports were submitted in the year 2013. Relevant details are as follows :

Title of the Report	Date of Submission
Fuel usage of vehicles in the year 2012 and examining over time work Of Drivers	18.02.2013
Examination of the PGD registration of Nallarajh	06.01.2013

- (b) The staff members of the Internal Audit Division are limited to Asst. Internal Auditor, Audit Assistant (directly involved in audit work) there is the need for a Senior Internal Auditor and two Audit Assistants. On 29.05.2013 a request had been sent to the UGC to create a post of Senior Internal Auditor and an Audit Assistant.

Approval has been received for a post of Audit Assistant, but in terms of the UGC Circular No. 975 dated 31.01.2012 recruited for this post has been suspended. Hence there is a problem of not having sufficient staff for the Internal Audit Division.

### 5.3 Budgetary Control

Since more attention was paid to recover the recoverable amount during the year 2012, from those staff members who have violated agreements and enhanced revenue was able to be collected, compared to the previous year when pre-determining the expenditure. Votes of expenditure are subjected to various fluctuations and hence it is practically impossible to compare the estimated expenditure and the actual expenditure.

6 Systems and Controls

Special attention had been focused on matters such as internal control, conducting examinations and release of results, administration of funds, cash and Bank transactions and action had been taken to correct the deficiencies.

Yours Truly,

**Dr. Vijitha Nanayakkara**  
**Vice Chancellor**

**THE OPEN UNIVERSITY OF SRI LANKA**  
**FINAL ACCOUNTS - 2012**  
**STATEMENT OF FINANCIAL POSITION AS AT 31.12.2012**

<u>31.12.2011</u> (Rs.) (Restated)	<u>ASSETS</u>	<u>NOTE</u>	<u>31.12.2012</u> (Rs.)
	<b><u>NON CURRENT ASSETS</u></b>		
8,650,171,250.77	Property, Plant & Equipments	<b>1</b>	8,309,872,150.47
31,179,646.77	Capital Work in Progress	<b>2</b>	52,102,196.46
<u>241,007,969.55</u>	Investments	<b>3</b>	<u>313,421,635.54</u>
8,922,358,867.09	<b>TOTAL NON CURRENT ASSETS</b>		8,675,395,982.47
	<b><u>CURRENT ASSETS</u></b>		
94,567,772.65	Inventories	<b>4</b>	139,205,368.45
94,447,825.90	Receivables	<b>5</b>	165,161,681.78
57,401,742.40	Loans & Advances to Staff	<b>6</b>	68,084,630.24
8,037,462.50	Advances & Pre Payments	<b>7</b>	12,096,444.00
119,337,369.35	Cash at Bank	<b>8</b>	89,104,090.66
<u>0.00</u>	Cash In Hand		<u>87,773.10</u>
<u>373,792,172.80</u>	<b>TOTAL CURRENT ASSETS</b>		<u>473,739,988.23</u>
<u><b>9,296,151,039.89</b></u>	<b>TOTAL ASSETS</b>		<u><b>9,149,135,970.70</b></u>
	<b><u>EQUITY &amp; LIABILITIES</u></b>		
	<b><u>EQUITY</u></b>		
188,416,861.12	Capital Grant Spent	<b>9</b>	205,984,411.78
17,794,403.06	Contribution to Capital Out Lay from outside Grants	<b>10</b>	19,802,229.86
5,960,863.51	UGC Grant for IT Development		3,786,066.54
25,875,000.00	Foreign Aid - Media House		12,937,500.00
1,403,807,070.32	Donations	<b>11</b>	1,162,525,599.45
(29,083,526.64)	General Reserve		(108,264,355.68)
<u>7,229,467,096.49</u>	Revaluation Surplus		<u>7,229,467,096.49</u>

<b>8,842,237,767.86</b>	<b>TOTAL EQUITY</b>		<b>8,526,238,548.44</b>
	<b><u>LIABILITIES</u></b>		
	<b><u>NON CURRENT LIABILITIES</u></b>		
10,627,808.05	CERC Fund		12,210,875.88
136,905,475.61	Specific Funds ( Restricted )	<b>12</b>	153,803,480.27
<u>220,615,302.50</u>	Provision for Gratuity	<b>13</b>	<u>231,158,378.75</u>
<b>368,148,586.16</b>	<b>TOTAL NON CURRENT LIABILITIES</b>		<b>397,172,734.90</b>
<b><u>31.12.2011</u></b>	<b><u>CURRENT LIABILITIES</u></b>	<b><u>NOTE</u></b>	<b><u>31.12.2012</u></b>
(Rs.)			(Rs.)
28,727,063.25	Deposit Payables	<b>14</b>	34,484,821.49
7,957,785.42	Payables	<b>15</b>	11,091,837.40
2,105,089.02	Advances from Customers - University Press		1,774,769.11
	Short Course Received In Advance	<b>16</b>	19,680,819.80
0.00	Tuition Fees Received In Advance		95,061,018.00
<u>46,974,748.18</u>	Accrued Expenditure	<b>17</b>	<u>63,631,421.56</u>
<b><u>85,764,685.87</u></b>	<b>TOTAL CURRENT LIABILITIES</b>		<b><u>225,724,687.36</u></b>
<b><u>453,913,272.03</u></b>	<b>TOTAL LIABILITIES</b>		<b><u>622,897,422.26</u></b>
<b><u>9,296,151,039.89</u></b>	<b>TOTAL EQUITY &amp; LIABILITIES</b>		<b><u>9,149,135,970.70</u></b>

**THE OPEN UNIVERSITY OF SRI LANKA**  
**FINAL ACCOUNTS - 2012**  
**STATEMENT OF COMPREHENSIVE INCOME FOR THE YEAR ENDED**  
**31.12.2012**

<b>31.12.2011</b>	<b>INCOME</b>	<b>NOTE</b>	<b>31.12.2012</b>
<b>(Rs.)</b>			<b>(Rs.)</b>
<b>(Restated)</b>			
628,386,000.00	Government Grant for Recurrent Expenditure		663,100,000.00
6,806,033.22	Interest from Investment	<b>18</b>	26,478,613.40
1,982,107.90	Interest from Loans & Advances		2,589,330.38
2,459,263.58	Rent from Properties		1,364,526.89
1,888,475.96	Sale of Old Stores		33,975.84
4,178,264.76	Miscellaneous Income	<b>19</b>	8,827,335.61
8,281,567.00	Registration Fees		7,573,083.00
492,325,128.75	Students Income	<b>20</b>	305,469,236.52
769,675.00	Examination Fees/Certificate Fees		202,650.00
1,446,285.00	Sale of Publications		1,361,600.00
31,865,462.50	Sale of Applications		12,411,434.21
487,238.75	Library Fines		335,978.75
435,568.29	Hiring of Vehicles		150,521.78
883,900.00	Hostel Fees		591,725.00
6,752,225.70	Supplementary Fees		6,073,300.00
20,881,726.95	Income from Short Courses & Other Sources	<b>21</b>	32,223,108.69
3,247,217.00	Income from Violation of bonds		12,075,116.81
916,363,817.94	Amortization of Donations		286,754,380.91
<u>1,004,969,591.89</u>	Amortization of Capital Grants - Spent		41,582,449.34
<b>3,134,409,550.19</b>			<b>1,409,198,367.13</b>
	<b>EXPENDITURE</b>		
180,646,831.73	General Administration & Staff Services		184,887,565.30
432,931,466.02	Depreciation		483,393,059.24
678,504,718.87	Academic Services		657,548,286.91
56,935,876.88	Teaching Resources		56,721,689.98
2,655,884.16	Health Services		2,142,079.52
28,488,948.90	Maintenance of Land & Buildings		26,051,156.36
<u>57,049,096.68</u>	Ancillary Activities		<u>48,522,374.19</u>
<b>1,437,212,823.24</b>	<b>Total</b>		<b>1,459,266,211.50</b>
<b>1,697,196,726.95</b>	Excess of Expenditure over Income		<b>(50,067,844.37)</b>
<u>(4,923,034.81)</u>	Disbursement of Short Course Funds	<b>22</b>	<u>(9,112,984.67)</u>
<b><u>1,692,273,692.14</u></b>			<b><u>(59,180,829.04)</u></b>

**THE OPEN UNIVERSITY OF SRI LANKA**  
**CASH FLOW STATEMENT FOR THE YEAR ENDED**  
**31<sup>ST</sup> DECEMBER 2012**

	<b><u>2011</u></b> <b>(Rs.)</b> <b><i>(Restated)</i></b>	<b><u>2012</u></b> <b>(Rs.)</b>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Surplus / (Deficit) from ordinary activities	1,692,273,692	(59,180,829)
<b>Non Cash Movements</b>		
Depreciation	432,931,466	483,393,059
Provision for Gratuity	50,048,378	27,067,396
Amortization of Capital Grant	(1,004,969,592)	(41,582,449)
Amortization of Donation	(916,363,818)	(286,754,381)
Lease Interest	179,224	-
Profit on Disposal of Assets	(1,735,912)	287,500
<b>Operating Profit before working capital changes</b>	<b>252,363,438</b>	<b>123,230,296</b>
(Increase) / Decrease in Inventories	(38,872,764)	(44,637,596)
(Increase) in Trade & Other receivables	(64,134,508)	(85,455,725)
Increase/(Decrease) in payables	835,805	139,960,001
<b>Net Cash Flows from operating Activities</b>	<b>150,191,971</b>	<b>133,096,976</b>
<b>CASH FLOW FROM INVESTING ACTIVITIES</b>		
Purchase of Property, Plant & equipments	(70,573,857)	(131,935,528)
Funds received for Specific Purposes	18,839,447	(1,518,928)
Increase in Investments	(85,443,503)	(72,413,666)
Payment of Gratuity	(13,615,566)	(16,524,320)
Proceeds from Sale of Fixed Assets	686,512	
<b>Net Cash Flows from Investing Activities</b>	<b>(150,106,967)</b>	<b>(222,392,442)</b>
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
Capital Grants		

	51,300,000	59,150,000
Payment of Finance Lease Liabilities	(628,786)	
Grant Received for IT Development Fund		
<b>Net Cash Flows from Financing Activities</b>	<b>50,671,214</b>	<b>59,150,000</b>
Net Increase / ( Decrease ) in Cash & Cash Equivalents	50,756,219	(30,145,466)
Cash & Cash Equivalents at the beginning of the period	68,581,150	119,337,369
Cash & Cash Equivalents at the end of the period	119,337,369	89,191,903

**THE OPEN UNIVERSITY OF SRI LANKA**  
**STATEMENT OF CHANGES IN EQUITY FOR THE YEAR ENDED 31.12.2012**

(Rs.)

	General Reserve	Capital			Revaluation Surplus	Total
		Capital Grant Spent	Capital Grant Unspent	Foreign Aid & Donations		
<b>Balance as at 31<sup>st</sup> December 2010</b>	<b>(1,721,357,218.78)</b>	<b>1,142,692,316.59</b>	<b>(605,863.57)</b>	<b>2,355,423,060.77</b>	<b>7,232,449,597.10</b>	<b>9,008,601,892.11</b>
Capital Grant Spent during the year		58,271,250.27	(58,271,250.27)			-
Funds Received During the year			51,300,000.00			51,300,000.00
Donations Received During the Year				14,378,094.06		14,378,094.06
Amortization of Donations				(916,363,817.94)		(916,363,817.94)
Amortization of Capital Grant		(1,004,969,591.90)				
Surplus / ( Deficit ) for the period	1,692,273,692.14				(2,982,500.61)	1,689,291,191.53
<b>Balance as at 31<sup>st</sup> December 2011</b>	<b>(29,083,526.64)</b>	<b>195,993,974.96</b>	<b>(7,577,113.84)</b>	<b>1,453,437,336.89</b>	<b>7,229,467,096.49</b>	<b>8,842,237,767.86</b>
Capital Grant Spent during the year		51,572,886.16	(51,572,886.16)			-
Funds Received During the year			59,150,000.00			59,150,000.00
Donations Received During the Year				32,368,439.87		32,368,439.87
Amortization of Donations				(286,754,380.91)		(286,754,380.91)
Amortization of Capital Grant		(41,582,449.34)				
Surplus / ( Deficit ) for the period	(59,180,829.04)					(59,180,829.04)
Provision for Postgraduate Scholarship Fund	(20,000,000.00)					
<b>Balance as at 31<sup>st</sup> December 2012</b>	<b>(108,264,355.68)</b>	<b>205,984,411.78</b>	<b>-</b>	<b>1,199,051,395.85</b>	<b>7,229,467,096.49</b>	<b>8,526,238,548.44</b>

# **THE OPEN UNIVERSITY OF SRI LANKA**

## **Notes to the Financial Statements**

### **1. Corporate Information**

#### **1.1 General**

The Open University of Sri Lanka incorporated and domiciled in Sri Lanka. The registered office and principal place of business is situated at Nawala, Nugegoda. The regional centers are located at Kandy, Anuradhapura, Matara, Jaffna and Batticaloa. Further 19 study centers and 06 teaching centers are established Island wide.

#### **1.2 Date of Authentication for Issue**

The Financial Statements of the University for the year ended 31<sup>st</sup> December 2012 were authorized for issue in accordance with an approval of the Finance Committee on 17<sup>th</sup> June 2013.

### **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 of 2008.

#### **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 Short Courses & Other Resources Vote consists of Consultancy Projects and several external assignments conducted and undertaken by Academic Departments, University Printing Press and the Media House. This income is recognized as income over the period of time it has generated. A part of the CERC balance has been transferred to appropriate development funds in terms of Public Finance Circular No.380.
- 4.3 Amount due on Violation of Bonds & Agreements is Rs. 82,622,135/-.
- 4.4 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 -9)**.
- 4.5 **Property Plant & Equipment**

- i) **Valuation of Assets**

Revaluation surplus of the previous year was adjusted according to corrections made in the values of some assets.

All assets purchased during the year are recorded at cost of purchase with incidental expenses. Assets purchased before 31/12/2008 are recorded at revalued value.

- ii) 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 Grant **(Note -11)**
    - iii) The value of Property, Plant & Equipments received as Donations were capitalized and amortized as revenue over the useful life of the related assets. **(Note - 1)**
    - 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 Equipments	20%
Library Books	20%
Motor Vehicles	20%
Laboratory & Teaching Equipments	20%
Cloaks	20%
Plant & Machinery	20%

Depreciation is charged from the date of purchase.

Depreciation is charged on revalued value of the fixed assets. As a result of increase in the value of fixed assets with the revaluation process, depreciation charged to this increased value of fixed assets also shows a substantial increase in the accounts.

The Fixed Assets Revaluation process is performing by the Department of Valuation of Sri Lanka. As at 16<sup>th</sup> November 2012, they have issued interim report for the valuation of Land in the Main Campus premises and building of Colombo Regional Centre premises. The given values are as follows;

Description	Revalued Amount as at 16/11/2012	Book Values as at 31/12/2011 (Revaluation in 2008)	Difference
Land (Nawala Premises)	3,860,500,000.00	4,054,388,000.00	(193,888,000.00)
Building (Colombo R/C)	420,000,000.00	366,094,683.07	53,905,316.93
<b>Total</b>	<b>4,280,500,000.00</b>	<b>4,420,482,683.07</b>	<b>(139,982,683.07)</b>

#### 4.6 Capital Work-In Progress

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

#### 4.7 Investments

Short-term investments are measured at the Lower of cost and market value basis and any resultant gains recognized in profit and loss.

#### 4.8 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.

#### 4.9 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.

#### 4.10 Liabilities & Provisions

4.10.1 All known liabilities have been accounted for in preparation of the financial statements.

4.10.2 Contingent liabilities on cases pending at the Court / Labour Tribunal were not provided.

4.10.3 Provision for student fees refund calculated based on the 2012 refunds related to the 2011 student fee income as average.

4.10.4 The Provision of 1% of the students fees transferred to the bursary fund and recognized as expenditure for reporting period.

4.10.5 The provision made to incentive scheme for faculty performances are as follows.

Faculty of Education - Rs. 2,432,088.66

Faculty of Engineering - Rs. 519,079.66

Faculty of Humanities & Social Science - Rs. 2,186,641.95

Faculty of Natural Science - Rs. 2,848,598.94

4.10.6 The provision has been made to Post graduate scholarship fund is Rs. 20,000,000.00

#### 4.11 Income & Expenditure

##### 4.11.1 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 over the period of time it has generated.

4.11.2 Amount receivable from NODES Rs.36,993,600.00 which has not been accounted since this is within the same Ministry and there will be possibility to not to receive in future.

##### 4.11.3 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 Previous Errors

- Capital Grant Spent and foreign aid has been amortized by considering depreciation rates.
- Income received from students as Facilities Fees from 2009 to 2011 were incorrectly accounted as payable to NAC is corrected.
- Under provision depreciation of Rs. 4,807,007.50 for the new buildings from 2008 to 2009 were taken into 2011 accounts.
- The effect of the Restatement on 2011 Final Statement is summarized below.

Description	Amount (Rs.)
<b>Surplus for the year ended 31<sup>st</sup> December 2011</b>	<b>17,747,573.06</b>
<b>Add : Retrospective Restatement of Errors</b>	
Amortization of Capital Grant	1,004,969,591.90
Amortization of Foreign Aid (Donations)	642,811,092.68
Erroneously accounted NAC fees taken as a income	31,552,442.00
<b>Less :</b> Depreciation for additional buildings	(4,807,007.50)
<b>Restated Surplus for the year ended 31<sup>st</sup> December 2011</b>	<b>1,692,273,692.14</b>

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

Description	2008	2009	2010	2011	2012
<b>Income</b>					
Government Grant for Recurrent Expenditure	479,800,000.00	505,000,000.00	525,000,000.00	628,386,000.00	663,100,000.00
Government Grant for Rehabilitation & Maintenance	12,159,497.72	0.00	0.00	0.00	0.00
Interest on Investments	4,584,598.50	6,041,247.47	4,476,052.33	6,806,033.22	26,478,613.40
Interest from Loans & Advances	1,088,662.39	1,312,508.25	1,587,930.34	1,982,107.90	2,589,330.38
Rent From Properties	369,298.00	2,204,622.50	884,388.39	2,459,263.58	1,364,526.89
Sale of Old Stores	90,434.00	714,846.00	57,493.00	1,888,475.96	33,975.84
Sale of Produce	3,892.00	1,636.00	4,684.00	0.00	-
Miscellaneous Receipts	4,544,127.33	4,265,713.53	1,855,129.90	4,178,264.76	8,827,335.61
Registration Fees	4,639,070.00	5,338,130.00	7,152,650.00	8,281,567.00	7,573,083.00
Tuition Fees	173,460,527.54	195,164,272.10	347,058,799.54	460,772,686.75	305,469,236.52
Examination Fees	689,150.00	92,400.00	70,750.00	769,675.00	202,650.00
Sale of Publications/Applications	17,813,385.00	15,129,520.00	22,224,458.00	33,311,747.50	13,773,034.21
Library Fines	391,040.04	469,007.50	446,430.00	487,238.75	335,978.75
Facilities Fees	3,447,290.00	4,601,765.00	5,806,010.00	6,752,225.70	6,073,300.00
Hostel Fees	734,450.00	737,715.00	832,346.00	883,900.00	591,725.00
Income from other Sources	994,662.55	481,533.53	2,276,327.89	20,881,726.95	32,223,108.69
Hiring of Vehicles	110,768.20	66,781.01	102,940.19	435,568.29	150,521.78
Income from Violation of Bonds	0.00	0.00	2,157,478.45	3,247,217.00	12,075,116.81
Amortization of Donations	12,622,253.07	10,214,421.11	290,745,935.40	273,552,725.26	286,754,380.91
<b>Total</b>	<b>717,543,106.34</b>	<b>751,836,119.00</b>	<b>1,212,739,803.43</b>	<b>1,455,076,423.62</b>	<b>1,367,615,917.79</b>
<b>Expenditure</b>					
General Administration & Staff Services	117,067,175.94	128,502,994.06	148,800,131.83	180,646,831.73	184,887,565.30
<b>Add: Depreciation</b>	<b>69,475,198.25</b>	<b>317,066,611.26</b>	<b>491,314,663.27</b>	<b>428,124,458.52</b>	<b>483,393,059.24</b>
	<b>186,542,374.19</b>	<b>445,569,605.32</b>	<b>640,114,795.10</b>	<b>608,771,290.25</b>	<b>668,280,624.54</b>
Academic Services	462,005,667.54	532,503,119.93	578,284,246.48	678,504,718.87	657,548,286.91
Teaching Resources	39,031,270.32	51,508,424.95	49,325,304.22	56,935,876.88	56,721,689.98
Health Services	1,927,443.15	2,070,088.18	2,175,256.87	2,655,884.16	2,142,079.52
Maintenance of Land & Buildings	17,452,935.60	20,422,440.40	22,813,081.38	28,488,948.90	26,051,156.36
Ancillary Activities	38,723,755.33	35,531,694.31	50,172,555.16	57,049,096.68	48,522,374.19
<b>Total</b>	<b>745,683,446.13</b>	<b>1,087,605,373.09</b>	<b>1,342,885,239.21</b>	<b>1,432,405,815.74</b>	<b>1,459,266,211.50</b>

## Details of Research, Innovation and Publications

### Faculty of Education

#### Dept. of Secondary & tertiary Education

##### ***Prof. G.D. Lekamge***

1. An Action Research to Increase the Completion Rate of Dissertations in the M. Ed Programme- Team leader – completed and report in progress
2. Action Research Phase II – Improving the Completion Rate of M. Ed Dissertations in the M. Ed Programme- commenced in November 2012 - Team Leader
3. A research on Awareness rising of parents of children aged 0-5 – Dept. of ECPE, Faculty Research – Team member-
4. A Critical Investigation on the Assignment Component of the PGDE Programme- Team Leader- Faculty Research
5. Reaching the unreached: A Case study of the three Vanni Districts in Sri Lanka under the Post War Context – Team member- on going
6. The Academic Profession in Sri Lanka: Governance and management in the current socio-economic and global context – commenced in November 2012 - Team Leader
7. Improving Supervisors' Support for Completion of Research Dissertations, an extended abstract submitted to OUSL Academic Sessions 2012/2013, in collaboration with Shironika Karunanayka, Anoma Ariyaratne, Sashikala Kugamoorthy and Ruwandi Perera
8. Identifying Students Perceptions and Improving Supervisors Support for Completion of Research Dissertations in Collaboration with K.D.R.I.J. Perera, S.P. Karunanayake, A. Ariyaratne and S. Kugamoorthi, Proceedings of the Abstracts of Jaffna University International Research Conference, 2012
9. Supervisors' perceptions on Students' research dissertations of Master of Education degree of the Open University of Sri Lanka in collaboration with Perera R, Shironika K, ,Anoma . A and Shashikala K. Proceedings of abstracts, Pandith G.P. Wickramarachchi Memorial International research Symposium, 2012

##### ***Prof. P.C.P. Jaufar***

1. How can you write a literature review/Paarvai
2. Understanding of Successful Teaching by PGDSNE students of OUSL (Ongoing research)
3. How Principals Promote Teaching & Learning (Ongoing research)
4. Quantitative Analysis: Hypotheses Tests (Being Printed by Kumaran Publisher).

##### ***Dr.S.P.Karunanayaka***

1. Design, Development and Evaluation of an Online Learning Environment on Open Educational Resources for Science Education (Research Team Leader) – Ongoing
2. Evaluation of Interactive Multimedia Developed to Enhance Multi-grade Teaching (Research Team Leader) – Ongoing
3. Enhancing Reflective Practice among Teacher Educators through Learning Portfolios (Research Team Member) – Ongoing
4. An Action Research to improve the Completion rate of Dissertations of the Master of Education Programme (Research Team Member) – Completed
5. Action Research Phase II – Improving the Completion Rate of M. Ed Dissertations in the M. Ed Programme- commenced in November 2012 - (Research Team Member)

6. The Academic Profession in Sri Lanka : Governance and management in the current socio-economic and global context – commenced in November 2012 - (Research Team Member)
7. “Identifying Students Perceptions and Improving Supervisors Support for Completion of research Dissertations” International Conference on Capacity Development in a Post-war Context, Jaffna University, 20-21<sup>st</sup> July, 2012 (with G..D. Lekamge, A. Ariyarante and s. Kugamoorthy and K.D.R.L.J. Perera).
8. Supervisors’ perceptions on Students’ research dissertations of Master of Education degree of the Open University of Sri Lanka in collaboration with Perera R, Shironika K, Anoma . A and Shashikala K. Proceedings of abstracts, Pandith G.P. Wickramarachchi Memorial International research Symposium, 2012
9. Improving Supervisors’ Support for Completion of Research Dissertations, an extended abstract submitted to OUSL Academic Sessions 2012/2013, in collaboration with Shironika Karunanayka, Anoma Ariyaratne, Sashikala Kugamoorthy and Ruwindi Perera
10. Perceptions of teachers and teacehr educators on the use of open educational resources in teaching and learning- Extended abstract accepted for presentation at the OUSL Annual Academic Sessions - 2012

**Mr. L.R.Gonsalkorale**

1. Completed the study on the Master Teachers’ perception of student teachers’ progress during Teaching Practice Stage I of the PGDE programme of the OUSL with M.L. Sudharashana
2. The research on ‘sexuality Education in Sri Lankan Schools on going
3. Contributed to the NEREC study on the National Assessment of Achievement of Students completing Grade 8 in year 2012 is a member of the team preparing data collection instruments
4. Team leader of the on going faculty research on Determinants of the Effectiveness of Teaching Practice Stage I of the PGDE programme

**Dr. S.Kugamoorthy**

- 1 “Managing Personal and Professional Roles: Comparative Study on Professional Mobility of Women Teachers in India and Sri Lanka”, International Conference on Capacity Development in a Post-war Context, Jaffna University, 20-21<sup>st</sup> July, 2012.
- 2 “Professional Development of Teachers: A Post-war Contextual Study in the Vanni Districts” International Conference on Capacity Development in a Post-war Context, Jaffna University, 20-21<sup>st</sup> July, 2012.
- 3 “Identifying Students Perceptions and Improving Supervisors Support for Completion of research Dissertations” International Conference on Capacity Development in a Post-war Context, Jaffna University, 20-21<sup>st</sup> July, 2012.
- 4 An Action Research on Improving the Completion Rate of Dissertation of the Master of Education Degree Programme’ (Team member, ongoing).
- 5 Reaching the Unreached: A Case Study of the Three Vanni Districts in Sri Lanka under the Post-War Context (Team Leader, ongoing).
- 6 A Critical Investigation about the Continuous Assessment Mechanism of the PGDE Programme. (Team Member- ongoing)
- 7 Enhancing Reflective Practice among Educators through Learning Portfolios (Team Leader- ongoing)
- 8 Determinants of the Effectiveness of Teaching Practice Sage 1 of the Post Graduate Diploma in Education Programme of Open University of Sri Lanka (Team Member- ongoing)
- 9 “Supervisors Perceptions on Students Research Dissertations of Master of Education Degree Programme of the Open University of Sri Lanka” Abstract Published on Pandit G.P. Wickramarachchi Memorial International Research Symposium – 2012.
- 10 “Portfolio in Teacher Education”, ‘Paarvai-2’, Education Faculty magazine, 2012.

- 11 "Group Psychology in Teaching – Learning Process", Ahavili, Monthly Educational magazine, Jan, 2012. (Article)
- 12 "Gender Inequality in University Higher Academic Positions", Ahavili, Monthly Educational Magazine, March, 2012. (Article)
- 13 Education in the Knowledge based Economy, Ahavili, Monthly Educational Magazine, October, 2012. (Article)
14. Women Education in Jaffna: Origin and Development, Book Published in 2012, ISBN 978- 955- 017- 8, Chemamadu Pathippakam Colombo

***Mrs. C. Hewapathirana***

1. A critical Investigation on the Assignment Component of the PGDE Programme (Research Team Member) Faculty Research

***Ms. A.I.Irugalbandara***

1. 'Application of Drama Therapy to help students with disruptive behaviour to improve their education', Research paper presented at the International conference on Cognitive and Behavioural Psychology – 2012, held in February, Singapore, 2012. Full paper published in conference proceedings.
2. A study on Increase Awareness of parents on Cognitive Development of Children aged 0 – 08 using a video. (Member of the research team) (on going)
3. 'Rote learning as a specific learning method in teaching dancing" Article published in *Adeeksha*, Faculty Magazine, Vol. 3, February, 2012

***Ms.S.N.Jayasinghe***

1. Enhancing Reflective Practice among Teacher Educators through Portfolio (on going) (Research Team Member)
2. A study on the difficulties encountered by students of Certificate in Pre School Education Programme conducted by the Open University of Sri Lanka (on going)

***Ms. N.M.R.K. Nawaratne***

1. Published an abstract in Jaffna University International Conference held on 20<sup>th</sup> July 2012 The title of the paper: The perception of the visiting academics on contact sessions in an ODL system with S. Karunanayake
2. A Critical Investigation about the Continuous Assessment Mechanism of the PGDE Programme, (Ongoing research, Team member)
3. Importance of value education in the present education system - (Sinhala article) Published Faculty Magazine Adheeksha

***Ms. S .Karunanayake***

1. Published an abstract in Jaffna University International Conference held on 20<sup>th</sup> July 2012 The title of the paper: The perception of the visiting academics on contact sessions in an ODL system with N.M.R.K. Nawarathne
2. International Journal of Social Sciences and Humanity, Volume 2 Number 5 September 2012, Shifting the Principal's Role as Manager to that of an Academic Leader: Case of Sri Lanka
3. Leader member exchange theory for effective leadership-(Sinhala article) Published Faculty Magazine Adheeksha

**Ms. K.D.R.L.J.Perera**

1. An Action Research to improve the completion Rate of Dissertations of the Master of Education Degree Programme, Faculty of Education. Completed and report in progress - Research Coordinator
2. Action Research Phase II – Improving the Completion Rate of M. Ed Dissertations in the M. Ed Programme- commenced in November 2012 -Research Coordinator
3. Determinants of the effectiveness of teaching Practice stage I of the Post Graduate Diploma in Education Programme of the Open University of Sri Lanka- 2012 (Ongoing research- Research Coordinator)
4. A Study on the feedback given for assignments in the Post Graduate Diploma in Education Programme 2012 - completed
5. Published a book for the field of Educational Technology under Thewani Publications, Nugegoda, b.ekajSfi I%u iy Ys,amSh I%u (mdi,a .=rejreka ilyd w;afmd;ls) (Teaching Methods and Techniques - A handbook for school teachers)- ISBN 978-955-0857-00-5-Published on 20<sup>th</sup> August 2012
6. Problems faced by advanced level students while using school libraries, published in the proceedings of 2<sup>nd</sup> International Symposium at South Eastern University of Sri Lanka on 26<sup>th</sup> May 2012
7. Identifying Students Perceptions and Improving Supervisors Support for Completion of Research Dissertations in Collaboration with K.D.R.I.J. Perera, S.P. Karunanayake, A. Ariyaratne and S. Kugamoorthi, Proceedings of the Abstracts of Jaffna University International Research Conference, 2012
8. Supervisors' Perceptions on Student Teachers Research Dissertations of Master of Education Degree Programme of the Open University of Sri Lanka, published in the proceeding of Pandith G.P.Wickramarachchi Memorial International Research Symposium on 08<sup>th</sup> November 2012 in collaboration with Lekmage, G..D., Shironika K, Anoma . A and Shashikala K.
9. Published an article on "Social Development of Adolescent" in the Faculty of Education. Annual Journal "Adheeksha" - February 2012
10. Improving Supervisors' Support for Completion of Research Dissertations, an extended abstract submitted to OUSL Academic Sessions 2012/2013, in collaboration with Prof. G.D. Lekamge, Shironika Karunanayka, Anoma Ariyaratne, Sashikala Kugamoorthy

**Ms. K.G.C.Kandangama**

1. A Study of Problems faced by student teachers regarding Post Graduate Diploma in Education 2010/2011 (Ongoing research).

**Ms. D.V. M. De Silva**

1. Design, Development and Evaluation of an Online Learning Environment on Open Educational Resources for Science Education (Research Team Member) – Ongoing

**Mr. M.N.C. Fernando**

1. Design, Development and Evaluation of an Online Learning Environment on Open Educational Resources for Science Education (Research Team Member) – Ongoing

**Mr. W.M.W. Weerakoon**

1. "A critical Investigation about the continuous assessment mechanism of the PGDE programme" (Ongoing Research- Team Member)

**Ms. M. Rajini**

1. Determinants of the effectiveness of teaching practice stage I of the PGDE programme of Open University of Sri Lanka ( ongoing research- Team member)
2. Opportunities and limitations for the Professional learning of Pre school teachers in the post war context: A study based on pre school teachers in Kilinochchi district. - Research paper presented at the Jaffna University International Conference (JUICE-2012), Sri Lanka on 20<sup>th</sup>-21<sup>st</sup> July 2012. Abstract published.
3. "Implications of second language learning", article (Tamil) published in "Paarvai", Faculty magazine, Faculty of Education, OUSL, 2011.

**Mr. J.D. Careemdeen**

1. Usage of Computer technology by Tamil Language Teachers in Teaching Learning process (special reference on Welimada Educational Zone research paper presented at PIBT International Research Symposium in Collaboration with University of Greenwich United Kingdom held in Nov. 25, 2012 at PIBT Campus (Colombo).
2. Usage of Computer technology by secondary school teachers in Teaching Learning process in Badulla District. Ongoing Research

**Dept. of Early Childhood & Primary Education**

**Published and Presented**

**Dr. A Ariyaratne**

Identifying intellectual potential during early childhood years for maximum development of cognitive abilities, International Early Childhood Care & Development Conference" Supporting Children's Holistic Learning & Development", 5 -7 , November 2012 Jakarta, Indonesia. Abstract published in the conference proceedings.

**Ms.D.M.W.Munasinghe**

1. Perception of Teachers on Introducing Entry Competencies to Enhance the Quality of Primary Education in Sri Lanka - Subhash Chandra Bose Institute of Higher Education, Prabandha Nagar, Lucknow India
2. Why students demand the Open University of Sri Lanka Post Graduate Diploma (PGDE) in Education Program – Vivek College of Education, Bijnor Uttar Pradesh – India, 25-26 November 2012
3. A Study of the effectiveness of the Teaching Practice component in the Diploma in Early Childhood and Primary Education Program - University of Jaffna.

**Mr. P. Seneviratne**

1. A Study on "Preschool Children is Body mass Index with T Mukunthan-Paper presented at 5<sup>th</sup> annual research conference 2012 held on 30<sup>th</sup> and 31<sup>st</sup> March 2012 at Royal Asiatic Society in Sri Lank Abstract published in the conference proceedings.
2. A Study on "Community participation in the programme of school improvement(PSI) is being: Case study of Colombo District in Sri Lanka, with C. Kasturiarachchi Paper presented at first annual research conference on Emerging Issues in management and finance from 9<sup>th</sup> -10<sup>th</sup> April 2012 at Faculty of management, South Eastern University, Sri Lanka. Abstract published in the conference proceedings.
3. A Study on "Teacher's satisfaction of assessment process of competency based curriculum in primary school education in Sri Lanka" with T.Mukunthan, paper presented at Jaffna University International research conference 2012 held on 20-21 July 2012 at Jaffna University. Abstract published in the conference proceedings.

4. A study on “Applying pedagogical aspects with ICT integration and managing traditional drudgery of class room in Sri Lanka government schools, paper presented at International seminar by the learning community organized by Subhash Chandra Bose P.G.College, Hardoi,Uttar Pradesh,India from 17-18 November 2012. Abstract published in the conference proceedings.
5. A Study on “Primary students error patterns on addition problems in Sri Lanka with T.Mukunthan, paper presented at International symposium 2012 on future research needs in developing Sri Lanka: concepts, trends and vision organized by Pioneer Institute of business and technology International (PIBT) and technology international research symposium (TIRS) in collaboration with the school of computing and mathematical sciences,(CMS) University of Greenwich on 25 November 2012. Abstract published in the conference proceedings.
6. A Study on” Usage of computer technology by Tamil language teachers in teaching learning process”(special reference on Welimada educational Zone), paper presented at International symposium 2012 on future research needs in developing Sri Lanka: concepts, trends and vision organized by Pioneer Institute of business and technology International(PIBT) and technology international research symposium(TIRS) in collaboration with the school of computing and mathematical sciences,(CMS) University of Greenwich on 25 November 2012. Abstract published in the conference proceedings.

**Mr. T. Mukunthan**

1. A Study on “Preschool Children’s Body mass Index with P. Senevirathna-Paper presented at 5<sup>th</sup> annual research conference 2012 held on 30<sup>th</sup> and 31<sup>st</sup> March 2012 at Royal Asiatic Society in Sri Lank Abstract published in the conference proceedings.
2. A Study on “Teacher’s satisfaction of assessment process of competency based curriculum in primary school education in Sri Lanka” with P.Senevirathna, paper presented at Jaffna University International research conference 2012 held on 20-21 July 2012 at Jaffna University. Abstract published in the conference proceedings.
3. A Study on “Primary students error patterns on addition problems in Sri Lanka with P. Senevirathna, paper presented at International symposium 2012 on future research needs in developing Sri Lanka: concepts, trends and vision organized by Pioneer Institute of business and technology International (PIBT) and technology international research symposium (TIRS) in collaboration with the school of computing and mathematical sciences,(CMS) University of Greenwich on 25 November 2012. Abstract published in the conference proceedings.

**Ms. P.L.N. Randima Rajapaksha**

1. An inquiry in to the problems students face in following the Bachelor of Arts degree in the English medium. Research paper presented at the International conference on Cognitive and Behavioural Psychology – 2012, held in February, Singapore, 2012. Full paper published in conference proceedings
2. An Evaluation study of the Observation and Teaching Learning Session of the Certificate in Pre-school Programme abstract published in the conference proceedings of the International seminar on “Professional Development of Teachers by Subhash Chandra Bose College, Uttar Pradesh, India in November, 2012.

**Articles:**

**Ms. P.L.N. Randima Rajapaksha**

“Piaget theory on cognitive development and the cognitive development of preschool child” Article published in *Adeeksha*, Faculty Magazine, Vol. 3, February, 2012.

**Mr. T. Mukunthan**

“Challenges in Teaching Mathematics in Primary Levels” article (Tamil) published in ‘Paarvai’, Faculty magazine, Faculty of Education, OUSL, 2012

**Dept. of Special Needs Education**

**Research & Publications**

**Dr. T.D.T.L. Dhanapala**

Understanding of Successful Teaching by PGDSNE Students of OUSL. (Ongoing Research – Team Member)

Presented a Concept paper titled ‘**Progress of Educational Status for Children with Special Needs in Sri Lanka**’ at the General Assembly of International Council for Education of People with Visual Impairment (ICEVI), Bangkok, Thailand, 8<sup>th</sup> November to 19<sup>th</sup> November.

**Dr. KAC Alwis**

“Diverse Needs of Special Children: Analyzing the Classroom Discourse”, *Education Perspectives*. The BI-Annual Journal of the Research & Development branch. Ministry of Education Sri Lanka Vol.1 No. 1 July 2012;

“Special Education in Sri Lanka: After Hundred Years”, *Special Education- Hundred years Celebrations Magazine*, 2012; Non formal and Special Education Branch, Ministry of Education

Understanding of successful teaching by PGDSNE students of OUSL. ( On going study-Team Member)

Evaluation of interactive multimedia developed to enhance multi- grade teaching (On going study- Team Member)

**Participation at International Conferences.**

5<sup>th</sup> Research Conferences 2012, the Royal Asiatic Society of Sri Lanka, research paper Presented on Special Children in Inclusive Classrooms -Abstract published in conference proceedings

11<sup>th</sup> Asia Pacific Congress on Deafness 2012, Singapore, research paper presented on Diverse Needs of Children with Hearing Impairments in Inclusive setup- Abstract published in conference proceedings

Early Childhood Development Standards project- participated in the discussion 2012. Children’s Secretariat, Ministry of Child Development and Women’s Affairs

Participated in the research project “Educational policy Research on Equity and Inclusion in the Asia-pacific region” carried out by Waseda University Japan

**Ms. B.G.H. Anuruddhika**

**Research paper presented**

A study on strategies used by regular school teachers on educating children with visual impairment in regular class room, presented at 5<sup>th</sup> Research Conference of Royal Asiatic Society on 30<sup>th</sup> march 2012.

A study on Teachers’ attitudes on inclusion of children with visual impairment in regular class room at 1<sup>st</sup> National Conference of Buddhist and Pali University of Sri Lanka on 24<sup>th</sup> August 2012.

A study on the nature of social interaction of children with visual impairment in teaching learning process in regular class room of Pandit G.P. Wickramarachchi Memorial International Research Symposium 2012.

Understanding of successful teaching by PGDSNE students of OUSL. ( On going study-Team Member)

**Publication**

An article on Assessment methods for children with special needs- Adeeksha Magazine Vol 3.

## **Faculty of Engineering Technology**

<b>Title of Researches</b>	<b>Submitted by whom</b>
Development of a fashion illustration, communication system based on Sri Lankan identity	Ms WS Wijeratne
Prospects of Using Geosynthetic Materials for Disaster Mitigation in Pakistan	Prof. SA Ariadurai
Effect of machine washing on dimensional parameters of core spuncotton/spandex 1x1 rib knitted structures	Dr CN Herath
A study to investigate the effectiveness of the implemented lean concept in selected apparel manufacturing organisations in SL	Dr MER Perera
<b>Title of Journals</b>	<b>Submitted by whom</b>
ICADM -2012, Penang, Malaysia Adaptive Trajectory control for the twin Rotor MIMO System using Artificial Neural Networks. International conference on applications and design in Mechanical Engineering	Mr. W R de Mel
IC ODEL 2012, Manila Philippines Online Remote Laboratory for open Distance Learning. 1st International conference on Open and Distance e-learning creating spaces and possibilities	Mr. W R de Mel
AAOU2012 IN Chiba, Japan Expanding the Frontiers of Engineering Education in Open Distance Learning by On line Laboratory platform.	Mr. W R de Mel
Motivating factors that affect Enrolment and student performance in a ODL Engineering Programme	Dr. S A M A N S Senanayake
Motivating factors that affect Enrolment and student performance in a ODL Engineering Programme	Ms. P R Dadigamuwa
Study on FEM and theoretically predicted Hysteresis loops, Asian Transactions in Engineering volume 1, Issue 6.	Ms. T M D N Medagedara
<b>Title of Books</b>	<b>Submitted by whom</b>
A/L Physics – Electronics English Part I	Mr GYAR Jayananda
A/L Physics – Electronics English Part II	Mr GYAR Jayananda
A/L Physics – Electronics Sinhala Part I	Mr GYAR Jayananda
A/L Physics – Electronics Sinhala Part I	Mr GYAR Jayananda

<b>Title of Papers</b>	<b>Submitted by whom</b>
"Tensile Properties and Volumetric Stability of Indigenous Woody Plant Materials under Different Seasoning Techniques", Journal of The Institution of	Dolage, D. A. R., Pallewatta, T. M.,

Engineers, Sri Lanka, Vol. XXXV, No. 01, Jan. 2012, pp. 09 - 16.	Bandara, R. R. G. S.
“Chemically Stabilized Biosolids as Compacted Landfill Liners” The Journal of Solid Waste Technology and Management, 38 (3) : 182-193.	Goonewardena, L.A., Wrigley, R., Edis, R. & Dassanayake, K.B.D
“Contribution to Research when Engineering is taught through ODL: A Sri Lankan Case Study”. <i>AAOU Journal : Journal of the Asian Association of Open Universities</i> , Vol. 07, No: 01, September 2012, pp. 87-96. [ISSN-1858-3431]	Weerasekera, K. S.
“Future Impact on Maharagama Town Traffic Flow and Pedestrian Safety due to Southern Expressway and Outer Circular Highway: Proposed Solutions”. <i>Engineer Journal of The Institution of Engineers, Sri Lanka</i> , Vol. 45, No. 01, January 2012, pp. 25-38, The Institution of Engineers, Sri Lanka. [ISSN-1800-1122]	Amarasinghe, A. S., Gurusinghe, A. I. and Weerasekera, K. S.
Mechanically and Chemically stabilized Biosolids as Embankment Fill Material. International conference on Sustainable Built Environment (ICSBE 2012), 14 <sup>th</sup> , 15 <sup>th</sup> , 16 <sup>th</sup> December, Kandy Sri Lanka.	Wanigaratne, D, Udamulla, L
“Solution for Bioslids Disposal of Biyagama Export Processing Zone by developing an Embankment Fill Material to construction industry”, Paper presented at the Symposium on Urban Mining, Bergamo, Italy, 21-23 May	Wangaratne, D.S. and Udamulla K.M.L.A

<b>Title of Articles</b>	<b>Submitted by whom</b>
“An Analysis of the different flexibilities for patents and copyrights in Sri Lanka’s Intellectual Property Act: A social reading of legal texts”. Proceedings of the conference LASSNET held at University of Peradeniya on the 15th December 2012.	Witharana B. D.
“Escalating Eco-crisis: A Critical Investigation and Potential Solutions based on Buddhist Philosophy” International conference on Environment and Humanity organized by Sri Lanka Foundation Institute, Colombo 07.	Jayatilleke J. A. D. F. M

<b>Title of Publications</b>	<b>Submitted by whom</b>
Price Prediction Neural Network for Econ Centre, Presented at the 09 <sup>th</sup> Annual Sessions of the Sri Lanka Association for Artificial Intelligence (SLAAI), 18 <sup>th</sup> December 2012, Colombo, Sri Lanka	Wanigasinghe P, RanasingheD.D.M
AgroFinance System, Presented at the 09 <sup>th</sup> Annual Sessions of the Sri Lanka Association for Artificial Intelligence (SLAAI), 18 <sup>th</sup> December 2012, Colombo, Sri Lanka.	BandaraM. A, Karunaratne M.L, RanasingheD.D.M
Title of Monographs	Authorized by whom
“Traffic Calming : Its Evolution, Tools Used, Implementation Measures and Applicability in Sri Lanka” Monograph Series in Research in an Academic Discipline – No. 06 [ISBN 978-955-2313-43-1]	Kolita Sirinatha Weerasekera

<b>Title of Others presented</b>	<b>By whom</b>
Investigation of yield performance of vegetable Cowpea ( <i>Vigna uniuiculata</i> ) with animal manure application at Kaluwanchikudy area. Proceedings of the Abstracts, Jaffna University International Research Conference (JUICE-2012) 20-21 July 2012,p28.	Dr.H.K.L.K.Gunasekara

<p>R.Yoganathan, H.K.L.K. Gunasekera and R.Hariharan(2012). Feasibility of growing Lunuwila (<i>Bacopa monnieri</i> L.) under Hydroponics.Proceedings of the Annual Academic Sessions 2012, The Open University of Sri Lanka.</p> <p>G.D. Krishantha, H.K.L.K. Gunasekera, K.S.S.Sugathadasaand K.W.D.S. Prasangika (2012). Efficient utilization of spent mushroom substrate in Urban Agriculture P.A.D.S.P. Gunathilaka, H.K.L.K. Gunasekera and J. Rajapakse (2012)</p>	
<p>Sharma, K. N. K. and Aruggoda A.G.B. (2012). Effect of Seed Inoculated Rhizobium on Nodule Formation, Yield and Seed Physical Properties of Cowpea. Jaffna University International Research Conference. (JUICE-2012) June 2012.</p> <p>Fernando,T. N., AruggodaA. G. B., Disanayaka,C. K. and Kulathunge, S. (2012). Studying the Effect of Super Water Absorbent Polymer and Watering Capacity on Growth of Tomato under Plant House environment. Young Water Professionals Symposium. November 2012.</p> <p>Aruggoda, A. G. B., Ren, Shunxiang, (2012). Molecular Systematics of Ladybird Beetles (Coccinellidae: Coleoptera). Yong Scientists Forum Symposium January 2013. National Science and Technology Commission.</p> <p>Aruggoda, A. G. B., Ren, Shunxiang, Molecular Phylogeny and Evolutionary Relationships of Ladybird Beetles (Coccinellidae: Coleoptera) Based on 28S rDNA Sequences. Accepted by the Agri Animal International conference to be held in 8 - 9 July 2013.</p> <p>Sharma, K. N. K. and Aruggoda, A. G. B. Effect of Seed Inoculated Rhizobium over Inorganic fertilizer and Organic Fertilizer on Growth and Yield of Cowpea (<i>Vigna sinensis</i>). Accepted by the Agri Animal International conference to be held in 8 - 9 July 2013.</p> <p>Fernando,T. N., Aruggoda A. G. B., Disanayaka, C. K. and Kulathunge, S. Study the effect of different levels of super water absorbent polymer on soil less cultivation applying super water absorbent polymer and organic solution. Accepted by the Agri Animal International conference to be held in 8 - 9 July 2013.</p>	<p>Dr. (Mrs.) A. G. B. Aruggoda</p>
<p>C.S. de silva and J.Tellam (2012) Nitrate leaching from soils with textural differences and crop types</p> <p>G.V. Norika Aiome and C.S.de Silva (2012) Effect of temperature stress and mulch on growth and yield of chilli (<i>Capsicum annum</i> )</p> <p>G.V. Norika Aiome and C.S.de Silva (2012) Effect of mulch on yield of ground nut (<i>Abachis hypogaea</i> L. var. walawe)exposed to heat stress</p>	<p>Professor C.S.de silva</p>
<p>Abstract: VARIETAL EVALUATION OF EXOTIC TOMATOE VARITIES IN MID COUNTRY WET ZONE U.N. Senarathna<sup>1</sup>, K. Hettiarachchi<sup>2</sup>, and S. Thrikawala<sup>1</sup> EFFECT OF EXOGENOUS NAA AND 1-MCP ON REDUCING IMMATURE FRUIT DROP AND ENHANCING THE QUALITY OF YIELD OF BELL</p>	<p>Dr. S. Thrikawala</p>

PEPPER (CAPSICUM ANNUM L) B. N. K. Sangakkara <sup>1</sup> , W. A. P. Weerakkody <sup>2</sup> , B S. Thrikawala <sup>2</sup> and P. Amarasekara <sup>2</sup>	
Comparative study of structural changes in single jersey and 1x1 rib core spun cotton-spandex fabrics during relaxation, Accepted for Annual sessions 2012, Open University of Sri Lanka	Dept. of Textile & App.Tech.
Bio-Composites: Current status and Future Trends, 5 <sup>th</sup> International technical textiles conference, Karachchi, Pakistan, 18.11.2012.	Dept. of Textile & App.Tech.
Tradition to modernity – Concept Development for Fashion Illustration Systems Inspired by Sri Lankan Drawing Techniques – Publication of Annual Academic Session 2012/2013.	
A study to investigate the effectiveness of the implemented lean concept in selected apparel manufacturing organizations in Sri Lanka, , Accepted for Annual sessions 2012, Open University of Sri Lanka	Dept. of Textile & App.Tech.
Study to improve the thread consumption of Embroidery Designs Comparative study of different Banana best fibres for its various properties The impact of Apparel Industry on the economy of Sri Lanka Comparison of physical properties of different varieties of banana fibres Designing low cost surgical gown to meet the required characteristics Investigation into value addition in coir product in Sri Lanka Boom of Apparel sector in Sri Lanka and how is it impact on Sri Lankan Society Best stitch densities and seam allowances for woven fabrics A study to improve the acceptance of the first proto sample at the factory ABC. Designing an effective sewing floor for the production of Men’s trouser Study on optimum seam strength under the influence of changing sewing speed, number of stitches per unit length and yarn tension of the lock stitch seam in sewing a plain cotton fabric Study to improve marketing and production process of handloom products manufactured by the small and medium handloom producers Study to improve the thread consumption of Embroidery Designs Comparative study of different Banana bast fibres for its various properties The impact of Apparel Industry on the economy of Sri Lanka Investigation into the problems in marketability of hand made lace in Galle district Comparison of physical properties of different varieties of banana fibres Study the seam failure due to yarn severance Study to improve the delivery delays of factory Brandix Lingerie Effect of home laundering parameters on drapability of 100% woven – cotton fabrics Study to improve the on time delivery of finished product to the	

customers of Nortons Lanka Garments

Creating a standard local size chart based on Sri Lankan male body figure

Current status of the Apparel industry in Sri Lanka

A Batik dress for a going away bride

A study to find out the effectiveness of the implemented lean concept in selected garment factories

Inventory levels within assemble lines (sewing process) hinders for efficiency of sewing

Establish mechanism to offer customers competitive FOB's by sourcing RM at competitive prices

A study to investigate the pattern of absenteeism and their effect on Productivity

Study of medical textiles available in Sri Lankan market and their quality standards

Improving the efficiency of the sewing room of garment factory – A

Increase the effectiveness of the merchandising process in the Nor Lanka manufacturing company

Comparing the effectiveness of customer service of the 3 clothing retailers in Sri Lanka

Introducing an incentive scheme for sample room at MAS Active wear

Investigating the non value added operations of the cutting room at MAS Intimates Thurulie

Investigation in minimizing failures in print durability of foil prints

Implementation of production planning and scheduling system for Celcius Solutions (Pvt) Ltd.

Effect of fabric weight and stitch density on flexural behaviour of woven fabrics

Problems faced by the Sri Lankan fashion designers in Global market

Effect of stitch type on seam performance

Improve the efficiency of production floor in Global sports Lanka (Pvt)Ltd.

Improve productivity through reducing absenteeism and labour turn over in smart shirts

Impact on stitch density on seam efficiency and seam elongation

A critical study on Sri Lankan handloom industry with a view for future development as a sustainable business

Analysis of the problems faced by Batik retailers in Sri Lanka with the view to cater the booming tourist industry

Designing low cost surgical gown to meet the required characteristics

Investigation into value addition in coir product in Sri Lanka

Investigation on spirality of the circular weft knitted fabrics

Boom of Apparel sector in Sri Lanka and how is it impact on Sri Lankan society

Suitability of different fabrics for different garment depending on the fabric properties and characteristics

Contribution of export apparel industry towards unemployment of art graduates

## **Faculty of Humanities & Social Sciences**

### **Department of Language Studies**

**Dr. D. Devendra** “Exploring Knowledge and beliefs of teachers of English Literature in Sri Lanka” Virtual presentation at the fourth Asian Conference in Education, Osaka, Japan 2012 – Virtual Conference Presentation - presented

### **Dr. V. Medawattegedara**

- 1) Balancing Tensions: English medium education and code mixing in Sri Lankan junior secondary science classrooms (Osaka, 2012)
- 2) That superior tongue’ or ‘the servants’ ILanguage’? Teaching and Learning Science in the English Medium: A Case study of Medium-of-Instruction policy implementation in Sri Lanka (Delhi, 2012)
- 3) awaiting publication – Vistas Journal of Humanities and Social Sciences OUSL

### **Ms. B.K.P. Abeysooriya**

(i) Made a presentation on the 'Preparation of MCQ questions & giving feedback' at the Teacher briefing for the General English programme - Presented

(ii) Made a presentation on the ‘Development of Oral communication skills’ at the workshop for teachers in the EKSP ( English for knowledge society project conducted by LSD.) - Presented

### **Dr. Kanchana Warnapala**

- (i) “Caricaturing Colonial Rule in Sri Lanka: An Analysis of Muniandi, The Ceylon Punch” Early Popular Visual Culture Vol.10, No.3 (2012): 227-244. – Presented
- (ii) “A Portrait of the Colonial Artist in Sri Lanka: Encounters, Negotiations and Contestations” Interventions: International Journal of Postcolonial Studies Vol.14, No 2 (2012): 169-184.- Presented

### **Dr. K.R.M. De Silva**

Tasks and Writing Strategy Use: Is Mapping Out Possible? *GSTF Journal of Law and Social Sciences, Vol.2 No.1 (258-263). DOI: 10.5176/2251-2853\_2.1.90 – Publication*

EAP students’ writing strategy use and task performance. Paper Presented at 10<sup>th</sup> Asiatic conference. New Delhi 2012 - Presented

### **Ms. Imali Bogamuwa**

“An Analysis of the Strategies Used by ESL Students during Summary Writing” in VISTAS Vol.7: Series 1 (Journal of the Faculties of Humanities and Social Sciences, OUSL)– *Publication*

“The Impact of the Instruction on the Rhetorical Structure Followed by the Students in the Summary Writing Performance of ESL Students– *Publication*

“The Impact of the Instruction on the Rhetorical Structure Followed by the Students in the Summary Writing Performance of ESL Students - Abstract of the conference paper - Presented

### **Ms. Samadhi Dissanayke**

Challenges in Teaching and Learning English as a Second Language in Distance Education: Special Reference to the Open University of Sri Lanka.– *Publication*

Paper presented at the 13<sup>th</sup> Annual Research Symposium conducted by the Faculty of Graduate Studies of the University of Kelaniya, Sri Lanka. (November 2012). (abstract published) in the Conference Proceedings.

### **Mr. LaLMedawattegedara**

Seventh Annual Conference of Sri Lanka English Teacher's Association (SLELTA) 7<sup>th</sup> - 9th September 2012  
Research Paper Presented: Males in Relationships – Self-absorbed, Tyrannical or Changing?: A Masculine Re-reading of the GCE A/L English Literature Anthology of Short Stories

‘Pumping Iron: The Question of Masculinity in *Blue Stories for Adults* paper published in Sri Lanka Journal of English in the Commonwealth Volume IX – 2012

Thirteenth National Convention on Women's Studies conducted by Centre for Women's Research (CENWOR) 27-30th July 2012  
Research Paper Presented: *Blowing Up the Cover: A Gendered Re-reading of the Glossy Sexual/Textual Trap of the Cover Stories of Guys Only (GO) Magazine*

### **Ms. Judy Pullenayagam**

No. of Postgraduate Degree Programme - Completed – 1 - Presented

No of Research Projects Completed – 1 MA Thesis - Presented

### **Ms. ManikyaKodithuwakku**

Dissertation for the partial fulfillment of an M. Phil at the University of Peradeniya. 2011-2013–  
*Publication*

Research: The Representation of Women in the 2010 elections- Presented

### **Department of Legal Studies**

#### **Researches**

Research on statutory rape and child marriage under supervision of Prof. Savithri Gunasekera, (September, 2010 – November, 2011 by Ms. Yashodara Kathiragamathamby

Research on Domestic Violence of Law in Sri Lanka (pending) by Ms. Sunethra Goonethilake.

Research on defenders of offenders under criminal justice (pending) by Ms. Wasana Panditharathne.

Critical Evaluation of the effectiveness of the mechanisms set out in the industrial dispute act for the prevention and settlement of industrial dispute. (pending) by Ms. Wasana Panditharathne.

Research on legislative relations – Comparative study with focus on constitutions of Sri Lanka and India by Ms. Sandya Hewameealla.

Research on devaluation power – Comparative study with focus on constitutions of India and Sri Lanka by Ms. Sandya Hewameealla.

Ph.D Research by Ms. Anusha Wickramasinghe.

Research on suspects and accused rights in arrest and detention special reference to Sri Lanka (pending) by Ms. Geethani Jeewanthi.

Research on social attitudes towards women in Sri Lanka efficacy of implementation of the law pertaining to domestic violence (pending) by Geethani Jeewanthi.

Research on genetic piracy on fauna and flora (pending) by Padmaja Wijesooriya.  
Research on Judicial development of the concept of Irrationality as a ground of review of Administrative Action (pending) by Ms. Kalyani Jayasekera.  
The system of French administrative law and its lessons to Sri Lankan legal system (comparative analysis) (pending) by Ms. Kalyani Jayasekera.  
Research on cyber crimes in Sri Lanka respectively by Ms. Kusala Goonathilaka.  
Research project on domestic violence against children by Ms. Lasangi Karunagama (pending results)  
Research on land conflicts in Eastern Province – Centre for housing rights and eviction by Ms. Janaka Selvaras.

### **Publications**

Series of Newspaper articles related to law subjects – Thinakaran (19<sup>th</sup> January to October 2011) by Ms. Yashodara Kathiragamathamby  
Cyber crimes in Sri Lanka perspectives; the published paper for the Annual Academic Session OUSL 2011 by Ms. Kusala Goonathilake.  
Series of articles related to law of property – Ge dora Magazine by Ms. Padmaja Wijesooriya.  
Article for 'Neethi Murasu' Magazine 2011 (Law College) By Ms. Janaka Selvaras.

### **Presentations**

08<sup>th</sup> Asian Law Institute Conference – 2011 (May 26,27) attended by Ms. Anusha Wickramasinghe.  
Sustainability through sector specific regional corporation – quest for South Asian Civil Aviation Sector presented by Ms. Anusha Wickramasinghe (May 26,27, 2011)  
Computer crimes in Sri Lanka perspective for the faculty board presentation on 02<sup>nd</sup> May 2011 by Ms. Kusala Goonathilaka.  
Cyber Crimes in Sri Lanka perspective for the Annual Academic Sessions 2011 on September, 14<sup>th</sup> by Ms. Kusala Goonathilaka.

### **Details of Programmes**

Ph.D. (Reading) by Ms. Anusha Wickramasinghe  
LL.M. (Reading) by Ms. Geethani Jeewanthi  
LL.M. (Reading) by Ms. Padmaja Wijesooriya  
Masters in HRM (Reading) by Ms. Janaka Selvaras  
Postgraduate Diploma in Criminology, SJP by Ms. Lasangi Karunagama  
LL.M. (completed 2011) by Ms. Sandya Hewameealla

### **Department of Management Studies**

#### **Publications**

Research method in Management; A guide to practice – Published & commercialized)  
Authors : R M S W Ranasinghe (Prof. of Management)  
                  Dr. L P S Gamini (Senior Lecturer in Mgt.)  
Management in a Developing Context- Published  
Author : M S W Ranasinghe (Prof. of Management)  
'Transformational Leadership – A Journey to better Customer Relationship' 2011, LAMBERT Publication, Germany (ISBN -978-3-8443-1026-9)  
Journal Papers  
Tracer study of Graduates and Postgraduates of OUSL 2011, August by Dr. L P S Gamini.  
'Relationship Marketing perspective on salespersons' transformational leadership Behaviour effect' (with J A S K Jayakody), 'Contemporary Management Review' Vol. 7, No. 2 (2011) pp. 143-156

'Self-Checkout at Banks: so why salesperson – A Case of Sri Lankan Banking Sector' (with Ananda Wickramasinghe), International Business Management, 5<sup>th</sup> (2011)398-403.

## **Department of Social Studies**

### **Details of Research, Innovation and Publications by Academics of the Department of Social Studies in 2012**

The Department of Social Studies has received the followings in the academic year 2012

1. Quality and Innovation Grant (Window 1) of the World Bank programme of HETC of Sri Lanka.
2. Formulation of National Youth Policy in collaboration with the Ministry of Youth and Vocational Training in Sri Lanka in 2012

### **Research and other innovative activities carried out by the Academics**

#### **1. Dr. N.S. Abeysinghe** **Senior lecturer in Social Studies** **Head/ Department of Social studies**

Team leader for the formulation of National Youth Policy in collaboration with the Ministry of Youth and Vocational Training in Sri Lanka in 2012

#### **2. Dr.Theodore A. Fernando** **Senior lecturer in Social Studies**

1. Cinematic analysis of Three War films.
2. Analysis of Children's Television advertisements in Sri Lanka

#### **3. Dr. HariniAmarasooriya** **Research Projects:**

1. Study on Emerging Donors and Aid Effectiveness in Sri Lanka (ongoing)
2. Study on Early Marriage and Statutory Rape in Selected Districts in Sri Lanka (completed)

#### **Publications:**

1. Amarasuriya, Harini and Spencer Jonathan (2012), Ngos, the state and 'cultural values: imagining the global in Sri Lanka, Jude Howell (Ed.) The Global Dimensions of Non Governmental Public Action, Palgrave
2. Goonsekere, Savitri and HariniAmarasuriya, (2012), Early Marriage and Statutory Rape in Selected Districts in Sri Lanka, Study Report , UNICEF, Sri Lanka

#### **4. Dr. A.S.Chandrabose**

##### **Senior lecturer in Social Studies**

##### **Abstract (extended)**

Extended abstract titled ‘Dimension of Labour Force in the Tea plantation Sector: A Special Reference to Privatized Large Scale Tea Estates in Sri Lanka’ was accepted for the annual academic session of the Jaffana University 2012.

Extended abstract titled ‘Alcohol Consumption amongst the plantation community: A special reference to a large scale tea estate in the District of Nuwara-Eliya in Sri Lanka.’ was accepted for the annual academic session of the Open University of Sri Lanka 2012

##### **Ongoing Research**

University Research grant has been obtained to carry out the research titled ‘Hired Labour in the Tea Smallholdings Sector: A Special Reference to the Kotapola Divisional Secretariat in the Districts of Matara in Sri Lanka in the academic year 2012.

##### **Publications**

A book titled ‘Red Colour of Tea: The Central Issue of the Socio economic Conditions of the Tea Plantation Workers in Sri Lanka’ published by Human Development Organization, Kandy in Collaboration with CCFD France and printed at Kumar Publishers Colombo 2012.

The above book was translate into Tamil language and published by Human development Organization, Kandy 2012.

The Book also translated in Japanese language and published by Asian Heath Institute 987-30 Minamiyama, Komenokicho, Nisshinshi, Aichi 470-0111, Japan 2012.

#### **5. Dr. N. Morais**

##### **Senior lecturer in Social Studies**

**Award at the OUSL annual academic sessions in 2013 for the publication titled “Sustaining livelihoods in complex emergencies: experiences of Sri Lanka. Development in Practice, Volume 20, Number 1, February 2010.**

**Conducting a research on the title of ‘Role of markets in post-war reconstruction and development: a case study of northern Sri Lanka’**

#### **6. S.Pathmanesan**

##### **Lecture in Social studies**

- 1 “Indian Tamil Diasporic Culture in Sri Lanka: *MānikaVināyakarKōvil* as a Centre for Cultural Circulation”, (Research paper presented at SAARC Regional Conference on Circulation of Cultures and Culture of Circulation: Diasporic Culture of South Asia, during 18<sup>th</sup> to 20<sup>th</sup> Centuries, SAARC Cultural Center, Sri Lanka, 15-18 March, 2012).

- 2 Sri Lankan Immigrants in the City of Rome: A Sociological Study on Migration and Livelihood Nexus, The International Journal's Research Journal of Social Science and Management, Singapore, Volume-1, Number-12, April 2012, pp 32-39 Old ISSN- 2010-257X, New ISSN-2251-1571, Available at <http://www.theinternationaljournal.org/>
- 3 Have rendered service as one of the panellists for 'The Debater' program at SAKTHI TV.
- 4 Delivered a talk on 'Temple Culture and Tamil Life' at the Colombo Tamil Sangam on the 5<sup>th</sup> December 2012, Colombo Tamil Sangam, UruthraMawatha, Wellawatte, Colombo-06.

#### **Workshop and Conference participation**

- 1 Participated at the **SAARC Regional Conference on Circulation of Cultures and Culture of Circulation: Diasporic Culture of South Asia, during 18<sup>th</sup> to 20<sup>th</sup> Centuries**, SAARC Cultural Center, Sri Lanka, 15-18 March, 2012.
- 2 Participated at the **National Expert Consultation on Water and Rural Livelihoods in Sri Lanka**  
Hector Kobbekaduwa Agrarian Research and Training Institute (HARTI)WijeramaMawatha, Colombo 714 November 2012.

#### **7. Ms. J.A.P.S. Perera**

##### **Lecturer in Social Studies**

1. Social Determinants of Elders' health in USS in CMC area, Social Support for Pregnant Teenagers from USS In CMC area
2. Determinants of teenage pregnancy, Prevalence of Teenage Pregnancy in CMC area,
3. Becoming pregnant at teen-age: by choice or by chance?

#### **8. Ms. LekhaErandi**

##### **Lecturer in Social Studies**

1. Impact of GamiDiriya Communication Process on Rural Women through Microfinance Operation
2. Water and Development (Environmental Journalism book.) on going

#### **9. Dulani Liyanahetti**

##### **Lecturer in Social Studies**

##### **Conference Papers**

Liyanahetti, D. (2012).Devolution of power and its intensity. In *Abstracts, Jaffna University International Research Conference* (pp.234). University of Jaffna Publication.

##### **Postgraduate Research**

Completed Masters Degree in Economics (MEcon) at the University of Colombo on 01<sup>st</sup> February 2012

### **Conferences/Workshops/Trainings**

Completed 03-month course on Research Methodology for Social Scientists conducted by National Center for Advanced Studies from March-June 2012

Participated at 12<sup>th</sup> Annual Conference of South Asia Network of Economic Research Institutes (SANEI) on 11<sup>th</sup> and 12<sup>th</sup> December 2012 at Hotel Galadari

### **Department of Management Studies**

#### **Research / Journals and books**

1. Book

Sivalogathan. V: (2012), People Management Practice: A handbook for practices, Create Space, the Amazon group of Companies, [www.amazon.com](http://www.amazon.com), USA

2. Study of Learner Expectations: A case of Registered Students for the Bachelor of Management Studies (BMS) Degree Programme. – Approved for Open University of Sri Lanka annual academic sessions. By Sujeevi Sapukotanage, LPS Gamini, Nalin Abeysekera

3. Impact of HR practices on the quality management systems in manufacturing organizations in Sri Lanka, paper accepted for international Conference on “Global Perspectives of Business and Management – Changing dynamics” (GPBM 2012), April 29 May – May 1, 2012, Sharjah UAE. By V Sivalogathan, LPS Gamini, SAD Senanayake.

## Faculty of Natural Sciences

### Research

#### *Department of Botany*

A study of some ecological and biological aspects of water hyacinth (*Eichhornia crassipes* (Mart). Sloms-Laub) in Sri Lanka. – **Ms P.P.D.C. Perera**, Dr D. Weerakoon and Dr S. Ranwala.

Improving the livelihood of a selected rural agricultural community in Sri Lanka by including lifelong learning in farmers. – **Dr P. Senadheera, Ms P.P.D.C. Perera**

Assessment of Genetic diversity and tracing the origin of weedy rice population found in rice fields in Sri Lanka – **Dr S. R. Weerakoon**

Investigation of low cost silicon source and optimization of silicon application to improve post and pre-harvest qualities of hydroponically grown capsicum annum – **Dr D. Weerahewa** and Ms J. Saparamadu

Determination the effect of silicon on natural defense system against *anthracium obsease* and some pre and postharvest qualities in *Capsicum annum* (malumiris) investigating the possibility of the rice call as a low cost silicon source – **Dr D. Weerahewa** and Ms J. Saparamadu

Developing soil and species specific Microbial biofilm for lupin (*Lupinus* spp.) to enhance their growth performance in Sri Lanka. – **Dr S. Somaratne** and Prof. G. Seneviratne

Application of the use of aeroponics system and silicon supplementation on growth and flower quality of Dendrobim – **Dr C. Karunanayake and Dr D. Weerahewa**

Studies on the presence of Natural Herbicide Resistance (HR) among traditional and developed rice (*Oryza sativa* L.) varieties cultivated in Sri Lanka and inducing HR with Chemical mutagens. – **Dr S. R. Weerakoon**

Application of microbial biofilmed inocular for selected forest plantation tree species in nursery level of Sri Lanka. – **Dr K. A. J. M. Kurupparachchi**, Ms. Nirodha Weeraratne and Prof. G. Seneviratene

Preliminary study on the resistance of paints against the growth of algae and fungi - **Dr. T.K. Weerasinghe** and Ms. S. Perera.

Impacts of woody invader *dillenia suffinticosa* (Greiff) mortelli on phyaiens chemical and biological properties of soil. - **Dr. T.K. Weerasinghe** and Dr. R. Ranwala.

Preliminary study on the impacts of habitat conversion through some soil musicological properties - **Dr. T.K. Weerasinghe** and Ms N. Edirisinghe

Effect of potassium on anthracnose and stem-end rot disease of “TJC” Mango (*Mangifera indica* L.). **Dr R. Jayakody** and Dr S. Sarananda.

## *Department of Chemistry*

### **Ms. M.D.J.S. Saparamadu**

Potential of Simplified hydroponics technology as a resource efficient urban household food production system International Conference on Sustainable Built Environment (ICSBE- 2012) held in Kandy (14<sup>th</sup> to 16<sup>th</sup> December 2012)

### **Prof. K.S.D. Perera**

Research Fellowship (May – July 2012) from University of Dublin, Trinity College, Ireland  
Title of Research Project: When Chemistry Stacks Up: A Bottom- Up approach to Graphene-Based Functional Materials.

### **Dr. Sithy Iqbal**

Chaturanga, P.K.D. and **Iqbal, S.S.** Sustainable Technology for Clean Water. Planet Under Pressure 2012, UK (poster)

Chaturanga, P.K.D., Priyantha, N., **Iqbal, S.S.** and Iqbal, M.C.M. Removal of aqueous chromium(III) by non- living *Cabomba caroliniana*. International Symposium on Water Quality and Human Health: Challenges Ahead. Post Graduate Institute of Science, University of Peradeniya, 2012, 53.

Chaturanga, P.K.D., **Iqbal, S.S.**, Iqbal, M.C.M. and Priyantha N. Biosorption of chromium(VI) from aqueous systems by non- living *Cabomba* spp. 18<sup>th</sup> Annual Scientific Sessions of Sri Lanka Association for Fisheries and Aquatic Resources, Colombo, 2012, 50.

Chaturanga, P.K. D., Priyantha, N., Iqbal, S.S. and Iqbal, M.C. M.: Biosorption of Cr(III) and Cr(VI) species from aqueous solution by *Cabomba caroliniana*: kinetic and equilibrium study. Environ. Earth Sci. DOI 10.1007/s12665-012-2150-9; published online: 25 December 2012

### **Ms. R.U. Tantrigoda**

Supporting First Year Undergraduate Distance Learning Chemistry Students through a supplementary On-line Course: An OUSL experience, Paper presented at the “International Conference on Women in Science, Engineering and Technology: Local and Global Perspective (ICWSET – 2012) held from 2 -4<sup>th</sup> Feb. 2012 in Bagladesh.

### **Dr. G. Bandarage**

Paper presented: Evaluating the success of assessment of a level-3 chemistry course in the BSc degree programme of the Open University of Sri Lanka (OUSL) as a tool of measuring cognitive skills of students : A preliminary study, International Conference on Chemical Sciences on “Role of Chemistry research in National Development from 20<sup>th</sup> to 22<sup>nd</sup> June 2012 (: Published in the Abstract)

Study of the effectiveness in improving thinking skills of students in a chemistry laboratory course by introducing the procedure of experiments in a series of questions, Team: Dr G Bandarage (Principal investigator), Ms. M.N.K de Zoysa, Mr A.S Dikkumbura

### **Dr. Rukmal Ratnayame**

Evaluation of species limits of *Hortonia* by DNA barcoding, Sanath Rajapakse, Prabasheeni Iddamalgoda, **Rukmal Ratnayake**, D.S.A. Wijesundara, B.M. Ratnayake Bandara, Veranja Karunaratne J.Natn.Sci.Foundation Sri Lanka 2012 40 (4): 345-349

Hortonones A to C, Hydroazulenones from the Genus *Hortonia*, Gavin Carr †, David E. Williams †, **Rukmal Ratnayake** ‡, Ratnayake Bandara ‡, Siril Wijesundara §, Tamsin Tarling , Aruna D. Balgi , Michel Roberge , Raymond J. Andersen \*†, and Veranja Karunaratne † Departments of Chemistry and Earth, Ocean & Atmospheric Sciences, University of British Columbia, Vancouver, British Columbia, Canada V6T 1Z1‡ Department of Chemistry, University of Peradeniya, Peradeniya, Sri Lanka § Royal Botanic Gardens, Peradeniya, Sri Lanka, Department of Biochemistry and Molecular Biology, University of British Columbia, Vancouver, British Columbia, Canada V6T 1Z3J. Nat. Prod., 2012, 75 (6), pp 1189–1191, DOI: 10.1021/np200927k, Publication Date (Web): May 24, 2012

### *Department of Physics*

#### **Prof. J C N Rajendra**

**Co-investigator** of the investigation of Cognitive Skills development in Students using the standard assessments used in the university examination as a tool. Collaboration among the department in the Faculty of Natural Science at OUSL

#### **Dr. G.W.A.R. Fernando**

**Principle investigator** of the Faculty innovative research Grant Ground Subsidence in Matale District – a Novel Approach on 2-D and 3-D Multi-Electrode Resistivity Survey for underground Mapping (*ongoing*). Collaboration with University of Graz, Austria

#### **Dr. V.P.S. Perera**

**Co-investigator** of the NRC research grant titled “Synthesis of graphene and graphene composites from Natural Graphite for application as electronic materials”. Collaboration with ITI

#### **Dr. G.K.R. Senadeera**

**Principle investigator** of Synthesis and characterization of quasi solid polymer electrolytes for uses in Dye sensitized solar cells Electrochromic displays and Li batteries. Collaboration with Institute of Fundamental Studies, Hantana Road , Kandy Sri Lanka and University of Brunei Darussalam, Bruni, Darussalam.

#### **Mr. N. Karthikeyan**

**Postgraduate Student (Stuy leave):** Synthesis and Characterization of Photo catalytic / Photovoltaic Nanomaterials for Environmental / Energy Applications

### **Research Publications:**

#### **Journals**

### *Department of Botany*

Doluweera, G. D. S. K., Biswas, P. K. and **Somararatne, S.** (2012). Academic Councelling in student support service in Sri Lanka. Asian J. DE **10(2)**: 46-53.

Doluweera, G. D. S. K., Biswas, P. K. and **Somaratne, S.** (2012). Student perceptions on Support Services in Sri Lanka. *Asian J. DE* **10(1)**: 10-15.

Abeysekera, A. S. K., **Weerakoon, S. R.**, Karunaratne, D. K. and Johnson, D. E. (2012). Morphological variation in offspring derived from single panicle of weedy rice. *Annals of Sri Lanka Department of Agriculture (ASDA)*. **14**: 1-9.

**Weerasinghe T.K.** (2012) . Impact of land use changes to a natural forest on some soil microbiological properties. *International Journal of Research in Bio Sciences (IJRBS)*, Vol 1, Issue 2, pp. 20 – 26, October 2012, ISSN 2319-2844.

**Weerakoon, S. R.** and **Somaratne, S.** (2012). Agronomic Potential of Lupin (*Lupinus* spp.) in Sri Lanka as an Alternative Crop: Growth and Yield Performance in different Agro-Ecological Regions. *Asian Journal of Agricultural Research*. (Accepted).

**K. A. J. M. Kuruppuarachchi**, G. Seneviratne and B. D. Madurapperuma (2012). Drought induced fine root growth and canopy green-up of tropical dry zone vegetations in Sri Lanka, *Journal of Tropical Forestry and Environment: Department of forestry and Environmental science, university of Sri Jayewardenepura*. (Accepted).

**Senadheera, P.**, Tirimanne, T.L.S., Maathuis, F.J.M. (2012). Longterm salinity stress reveals cultivar specific differences in root oxidativestress response, *Rice Science*, 19(1), 79-84.

**Senaratne, L. K.** “The Costal Plants” of Sri Lanka : Part II – Mangroves” submitted to the National Science Foundation on November 2012 to be considered as a publication of the MAB checklist and Handbook Services. (Submitted)

### *Department of Physics*

#### **Prof. J C N Rajendra**

Tantrigoda R. U., Bandarage G., Nilakarawasam N., **Rajendra J. C. N.**, Wickramasinghe B. L. and de Zoyasa M. N. K. (2012). Evaluating the Success of Assessment of a Level 3 Chemistry Course in the B.Sc Degree Programme of the Open University of Sri Lanka (OUSL) as a Tool of Measuring the Cognitive Skills of Students: A preliminary Study. *Proceeding of the International Conference of Chemical Sciences*, p.77.

Bandarage G, Peiris P.K.D., **Rajendra J.C.N.**, Siriwardena K. D.V.F., Tantrigoda R.U., Wattavidanage J., and Weerakoon S.R. (2012). Effectiveness of Revision in an academic programme based on course completion rates: A case study. *Proceeding of the Academic sessions of the Open University of Sri Lanka 2012*, (Accepted & will be held in Feb. 2013).

#### **Prof. W.L. Sumathipala**

**Sumathipala, W.L.**, The Rio+20 Conference on Sustainable Development Climate Change issue in Sri Lanka, Jan-Dec. 2012 p24-25, Publication by the Institute Policy Studies in Sri Lanka.

#### **Dr. G.W.A.R. Fernando**

Shantharuban, S., Vinobaba, P. and **Fernando, G.W.A.R.** (2012). Water pollution in Valachchanei lagoon due to different industrial effluents, *Proceedings of the 17<sup>th</sup> International Forestry and Environment Symposium*, p.50.

C.M.N. Nikagolla, **G.W.A.R. Fernando**, M.M.C.U.B. Moremada, D. Malalgoda,, J.P.D.K.Jayalath and U. Lekammudiyanse (2012) A 2-D Resistivity Survey to Investigate Subsurface Limestone Cavities at Madalawala Ulpotha, Sri Lanka., *Proceed. 28<sup>th</sup> Ann. Sess. Geol. Soc. Sri Lanka (GSSL)*, pp.6

H.M.A.B. Herath, K.B. Ranawana and **G. W.A.R. Fernando**. (2012). Forest Die-Back at Rajawaka Forest Reserve at Balangoda: Results of Preliminary Observations, *Proceeding of the Academic sessions of the Open University of Sri Lanka 2012, (Accepted & will be held in Feb. 2013)*.

#### **Dr. G.K.R. Senadeera**

**Senadeera, R.**, Gunathilake., S., Thotawatthage, C., Ekanayake., P., and Dissanayake, L., (2012) Novel blended PVdF-PEO nanocomposite polymer electrolyte with mixed cations and its application in dye sensitized solar cells. *SUSTAINABLE FUTURE ENERGY 2012 and 10<sup>th</sup> SEE FORUM*, Innovations for Sustainable and Secure Energy. 21-23 November 2012, Brunei Darussalam .

**Senadeera, R.** and Dissanayake, L. (2012), Sri Lanka: Towards a Renewable Energy Island, *SUSTAINABLE FUTURE ENERGY 2012 and 10<sup>th</sup> SEE FORUM*, *Innovations for Sustainable and Secure Energy*. 21-23 November 2012, Brunei Darussalam.

Ekanayake, P., Iskandar, M., Tennakoon, K., Ming, L. C., Yoong, V.N., Zain. ., **Senadeera, R.**, Yoshikawa, S. (2012) . Fabrication of Eco-friendly Dye Sensitized solar cells using pigments from melatoma malabathricum I., A native plant in Borneo. *Ceylon Journal of Science (Physical Sciences)* vol 16, 65-70.

Dissanayake, M.A.K.L., Thotawatthage , C.A., **Senadeera, G.K.R.**, Bandara, T.M.W.J., Jayasundera W.J.M.J.S.R and Mellander, B.-E. (2012) Efficiency enhancement by mixed cation effect in dye-sensitized solar cells with PAN based gel polymer electrolyte, *Journal of Photochemistry and Photobiology A: Chemistry, Volume 246, 15 , 29-35*

**G.K.R. Senadeera**, H.M.N. Sarangika, C. A. Thotawattage, T.R.C.K Wijerathna and Y.P.Y.P Ariasinghe. (2012), Studies on Quasi Solid State Electrochromic smart windows based on Ti<sub>2</sub> and SnO<sub>2</sub>. *Proceeding of the Academic sessions of the Open University of Sri Lanka 2012, (Accepted & will be held in Feb. 2013)*.

#### **Dr. V.P.S. Perera**

Nupearachchi, C.N and **Perera, V.P.S.** Characterization of Composite Films Made from Tin(IV) Oxide and Aluminium Oxide with Impedance Spectroscopy, *Proceedings of 28<sup>th</sup> Technical Sessions of Institute of Physics Sri Lanka (31<sup>st</sup> March 2012)*, pg 09- 14.

M. R. Nishantha, **V.P.S. Perera**, Sensitization of photoelectrochemical solar cells with a natural dye extracted from *Kopsia flavida* fruit. *Proceedings of 28<sup>th</sup> Technical Sessions of Institute of Physics Sri Lanka (31<sup>st</sup> March 2012)*, pg 54- 58.

Nupearachchi, C.N., Thotawatthage, C.A., Senadeera, G.K.R. and **Perera, V.P.S.** Comparison of Flavonoids in Black Tea and Green Tea as Sensitizers in Dye Sensitized Solar Cells, *Proceedings of Young Scientists Forum Symposium 2011 (27<sup>th</sup> January 2012)*, pg 18.

C.H. Manathunga, N.F. Ajward, L.A.N. Deshapriya and **V.P.S. Perera**, Quasi-solid Dye-sensitized solar cell with Poly(3-hexylthiophene) as a Hole Conductor, *Proceeding of the Academic sessions of the Open University of Sri Lanka 2012*, (Accepted & will be held in Feb. 2013).

### **Mr. N. Karthikeyan**

Saravanan, R., **Karthikeyan, N.**, Govindan, S., Narayanan, V. and Stephen, A.; “*Photocatalytic degradation of organic dyes using ZnO/CeO<sub>2</sub> nanocomposite material under visible light*”; *Advanced Materials Research* Vol. 584 (2012) pp 381-385.

**Karthikeyan N.**, Narayanan V. and Stephen A.; “*Effect of Annealing on Photocatalytic Degradation of Azo Dye by TiO<sub>2</sub> / CuO Binary Nanostructured Materials*”; *Proceedings of 4<sup>th</sup> International Symposium for Research Scholars on Metallurgy, Materials Science and Engineering*, December 13 - 15, 2012; p132.

**Karthikeyan N.**, Sangamithirai D., Narayanan V. and Stephen A.; “*Preparation and Characterization of TiO<sub>2</sub> / SnO<sub>2</sub> Nanocomposite Photocatalysts, and their Application in Purification of Contaminated Water*”; *Proceedings of 4<sup>th</sup> International Conference on Advanced Nano Materials*, October 17 - 19, 2012; p116.

**Karthikeyan N.**, Sangamithirai D., Narayanan V. and Stephen A.; “*TiO<sub>2</sub>/SnO<sub>2</sub> Nanocomposites: Effect of Annealing on Photocatalytic Degradation of Azo Dye*”; *Proceedings of 2<sup>nd</sup> International Conference on Advanced Oxidation Processes*, October 5-8, 2012; p258-261.

### **Department of Zoology**

#### **Publications in Journals**

Messer WB, Kanakarathne N, Thevanesam V, **Ranawaka G**, Shahani A, de Silva AM, Gunasekera M. (2012). *Journal of Infectious Diseases*, Vol.1(2); 9-18.

Hari Sridhar,<sup>1</sup> Umesh Srinivasan,<sup>2</sup> Robert A. Askins,<sup>3</sup> Julio Cesar Canales Delgadillo,<sup>4</sup> Chao-Chieh Chen,<sup>5</sup> David N. Ewert,<sup>6</sup> George A. Gale,<sup>7</sup> Eben Goodale,<sup>8</sup> Wendy K. Gram,<sup>9</sup> Patrick J. Hart,<sup>10</sup> Keith A. Hobson,<sup>11</sup> Richard L. Hutto,<sup>12</sup> Sarath W. Kotagama,<sup>13</sup> Jessie Knowlton,<sup>14</sup> Tien Ming Lee,<sup>15</sup> Charles A. Munn,<sup>16</sup> Somchai Nimnuan,<sup>7</sup> **B. Z. Nizam**,<sup>17</sup> Guillaume Pe´ron,<sup>18</sup> V. V. Robin,<sup>2</sup> Amanda D. Rodewald,<sup>19</sup> Paul G. Rodewald,<sup>19</sup> Robert L. Thomson,<sup>20</sup> Pranav Trivedi,<sup>21</sup> Steven L. Van Wilgenburg,<sup>22</sup> and Kartik Shanker<sup>1,\*</sup>(2012) Positive Relationships between Association Strength and Phenotypic Similarity Characterize the Assembly of Mixed-Species Bird Flocks Worldwide. *The American naturalist* december 2012, vol. 180, no. 6

**Fernando, T.S.P.** and Fernando V. A. K. (2012) An observation of three ixodidae tick species parasitizing on Rock Python (*Python molurus*) in Sri Lanka. *TAPROBANICA* 4(1): 54-56.

**Fernando, T.S.P.**, Udagama, P.V. and Fernando, H.K.A.V.A.K. (2012). *Bothridium pithonis* (Blainville, 1824) from rock Python (*Python morulus*) of National Zoological Garden of Sri Lanka. *World Journal of Zoology* 7(3): 200-202.

U.K.L.Peiries and **U.K.G.K.Padmamal** 2012 *Proceedings of the International Symposium 2012 Department of Forestry and Environment Science, University of Sri Jayawardenapura Biodiversity Conservation and management* pg 23 (Abstract)

R.U. Thanthirigoda, G. Bandarage, C. C. Nawaratne, **N. Nilakarawasam**, J.C.N Rajendra, B.I. Wickramasinghe, M.N.K. de Zoysa 2012 Evaluating the success of assessments of a level 3 chemistry courses in the B.Sc. degree programme of the Open University of Sri Lanka as a tool of measuring the cognitive skills of students: A preliminary study. International Conference on Chemical Sciences, Institute of Chemistry (Abstract)

Kanakarathne N, **Ranawaka G**, Thevanesam V, de Silva A(2012). Severe dengue disease that is not explained by antibody enhancement or serotypic and genotypic differences in causative viruses. Medical Research institute Scientific sessions 2012, Colombo, 23<sup>rd</sup> November 2012

### **Conference papers:**

#### ***Department of Botany***

**Kuruppuarachchi, K.A.J.M.**, Madurapperuma, B.D., Seneviratne, G. & Oduor, P.G. (2012). Physical parametric influences on carbon sequestration at a tropical eco-climatic zone. Proceedings of 9<sup>th</sup> Annual Northern Plains Biological Symposium, April 19<sup>th</sup> 2012, North Dakota State University, p. 9. (Abstract).

Madurapperuma, B.D., Wijayawardene, D.N.N., Oduor, P. G. & **K. A. J. M. Kuruppuarachchi** (2012). Why partnering with a local community in the context of forest resource management can increase success rates?. Ties that Bind: Research Methods in the Social and Behavioral Sciences, March 2, 2012 in the NDSU Memorial Union, USA (Abstract).

Abeysekera, A. S. K., **Weerakoon, S. R.** and Johnson, D. E. (2012). Competitive interactions between weedy rice and cultivated rice in Sri Lanka. *VI<sup>th</sup> International Weed Science Congress, Hangzhou, China, 17<sup>th</sup>-22<sup>nd</sup> June*. Pp. 48-49.

**Somaratne, S.** and **Weerakoon, S. R.** (2012). A Comprehensive Study on Phytoextractive Potential of Sri Lankan Mustard (*Brassica juncea* (L.) Czern. & Coss) Genotypes. *ICAFNS (International Conference on Agricultural, Food and Nutritional Sciences), January, 2012 Abu Dhabi, United Arab Emirates*. Pp. 20-24.

Wijeratne, R. G. D., **Weerakoon, S. R.** and **Somaratne, S.** (2012). Screening herbicide resistance (HR) in selected Sri Lankan cultivated rice (*Oryza sativa* L.) varieties through induced mutagenesis. *International Symposium on Agriculture and Environment (ISAE 2012), Sri Lanka*. Pp. 171-174.

**Weerasinghe, T.K.** and Thantrigoda, R.U. (2012) - Employer views on the current skills of OUSL (Open University of Sri Lanka) graduates and their expectations. Proceedings of 26<sup>th</sup> International Conference of Asian Association of Open Universities (AAOU2012). Chiba, Japan, 16<sup>th</sup> to 18<sup>th</sup> October 2012 pp 115 – 116.

David, D and **Weerahewa, H.L.D.** Silicon suppresses anthracnose disease in tomato *Lycopersicon esculentum* by enhancing disease resistance. *Proceedings of 27<sup>th</sup> Annual Research Sessions, The Open University of Sri Lanka (accepted)*.

**H. L. D. Weerahewa** and Nelum Peris (2012). A novel approach for reducing diseases and improving some floricultural quality traits of Dendrobium Orchids. 05<sup>th</sup> National Symposium on Floriculture Research (Abs).

Wickramathilake, B.A.K., **Weerasinghe, T.K.** and Ranwala, S.M. (2012). Impacts of woody invader *Dillenia Suffruticosa* (Griff.) Martelli on physical, chemical and biological properties of soil. proceedings (Part 1) of 17<sup>th</sup> International Forestry and Environment Symposium held in November 2012, Pegasus Reef Hotel, SRI LANKA. Pp 28.

A.P.Jayasinghe, **H. L. D. Weerahewa**, E. Manel Dassanayake (2012). Optimization the conditions for acclimatization of micro-propagated pineapple propagules. *International symposium on Agriculture and Environment, Faculty of Agriculture, University of Ruhuna, pg 306-308. (poster).*

**K. A. J. M. Kuruppuarachchi**, G. Seneviratne and B. D. Madurapperuma (2012). Drought induced fine root growth and canopy green-up of tropical dry zone vegetations in Sri Lanka. 17<sup>th</sup> international forestry and environment symposium, 2012. Department of forestry and Environmental science, university of Sri Jayewardenepura. 16<sup>th</sup>- 17<sup>th</sup> November 2012, Pegasus reef Hotel, Sri Lanka. ISSN: 2235-9397. P.1

B. D. Madurapperuma, P. G. Oduor , **K. A. J. M. Kuruppuarachchi**, J. U. Munasinghe and L. A. Kotchman (2012) Analysis of spatio-temporal land use/cover changes of Devils Lake Watershed using NDVI and NDWI data. The GIT4 NDM Reduce exposure to reduce risk. 4<sup>th</sup> International conference on geo-information technology for natural disaster management. 7-8 November 2012, Colombo, Sri Lanka. (Poster).

N. Weeraratne, **K.A.J.M. Kuruppuarachchi**, G. Seneviratne (2012). Effect of microbial inoculated to selected forest trees at nursery. Proceedings of 32<sup>nd</sup> annual sessions of the institute of biology of Sri Lanka, 28<sup>th</sup> September 2012:ISSN: 2012-8924 p. 25 (Abstract).

B. D. Madurapperuma, J. U. Munasinghe, **K. A. J. M. Kuruppuarachchi** (2012). Land cover change detected using multi-temporal satellite images in Dambulla, North central province, Sri Lanka. Proceedings of 32<sup>nd</sup> annual sessions of the institute of biology of Sri Lanka, 28<sup>th</sup> September 2012:ISSN: 2012-8924 p. 26 (Abstract).

B. D. Madurapperuma, P. G. Oduor , **K. A. J. M. Kuruppuarachchi**, J. U. Munasinghe and L. A. Kotchman (2012) Critical Analysis of land use/cover changes of Devils Lake Watershed, 2<sup>nd</sup> Annual poster session & recruitment fair, November 2<sup>nd</sup>, 2012. Environmental & Conservation Sciences Graduate Program, North Dakota State University, USA. (Poster).

**Kuruppuarachchi, K.A.J.M., Somerathne, S.**, Madurapperuma, B.D., Talagala, I.M.M. (2012). Factors associated with psychological distress among B.Sc. undergraduates of the Open University of Sri Lanka. Annual Academic Sessions 2012, The Open University of Sri Lanka (Accepted).

**Kuruppuarachchi, K.A.J.M., Somerathne, S.**, Madurapperuma, B.D., Talagala, I.M.M. (2012). Stressful events and solutions: A case study with B.Sc. undergraduates of the Open University of Sri Lanka. Annual Academic Sessions 2012, The Open University of Sri Lanka. (Accepted).

P.G.I. Thushari and **L.C.Karunanayake** (2012). Invasive aquatic plants in Mihintale sanctuary: A Preliminary study. Proceedings of the Water quality and human health, international symposium, PGIS, University of Peradeniya. 22<sup>nd</sup>, 23<sup>rd</sup> March, 2012. (Abstract).

P.H.M. Anushika Herath, **L.C Karunanayaka** and S.J Wijesundara (2012). A survey on status of traditional knowledge associated with Medicinal plants in Mihintale sanctuary, Sri Lanka. Biodiversity Asia, book of abstracts. The 2<sup>nd</sup> Asian Regional Conference of Society for Conservation Biology Bangalore, India, 10<sup>th</sup> August, 2012.

**Senadheera, P.**, Manike, J. M.D. R., Perera, P. (2012) Innovative teaching in plant physiology course to induce deep learning approach in students in open and distance learning system, 26th Annual Conference of Asian Association of Open Universities, in Chiba, Japan

**Senadheera, P.**, Wattewidanage, J., Kulasekara, I. G. *et al.*, (2012). Livelihood improvement of rural agricultural society in Sri Lanka through development of lifelong learning in farmers. 26th Annual Conference of Asian Association of Open Universities, in Chiba, Japan

### *Department of Mathematics & Computer Science*

#### **Mr. S.R. Gnanaprasgam**

Reyalt Gnanaprasgam, S. Perera, K. Ratnayake, U. R. (2012). Statistical Model to Predict Contour Elevation using Shuttle Radar Topographic Mission Digital Elevation Data, Abstract, Proceed, The 2<sup>nd</sup> International Conference on Sustainable Built Environment, 14-16 Dec 2012, Kandy, Sri Lanka, p. 197

#### **Dr(Ms) W.C.W. Nawaratna**

R.U. Thanthirigoda, G. Bandarage, C. C. Nawaratne, N. Nilakarawasam, J.C.N Rajendra, B.I. Wickramasinghe, M.N.K. de Zoysa 2012 Evaluating the success of assessments of a level 3 chemistry courses in the B.Sc. degree programme of the Open University of Sri Lanka as a tool of measuring the cognitive skills of students: A preliminary study. International Conference on Chemical Sciences, Institute of Chemistry (Abstract)

### **CHAPTERS PUBLISHED IN BOOKS:**

#### *Department of Physics*

#### **Mr. N. Karthikeyan**

**Karthikeyan, N.**, Saravanan, R. and Stephen, A. (2012); “*TiO<sub>2</sub> and ZnO Nanomaterials: A comparison of Photocatalytic Degradation Efficiency of AZO Dye*”; ‘Advanced Research Series – Thin films and Nanomaterials’ published by Macmillan Publishers India Ltd.; ISBN: 978-935-059-049-2; 2012; p289-293.

Saravanan, R., **Karthikeyan, N.**, Prakash, T., Narayanan, V. and Stephen, A. (2012); “*Pyramid shaped nano CdO: Synthesis, characterization and application of Photocatalytic activity under UV Light*”; ‘Advanced Research Series – Thin films and Nanomaterials’ published by Macmillan Publishers India Ltd.; ISBN: 978-935-059-049-2; 2012; p297-301

## **Details of Programme, Seminars & Workshops (Item 10)**

### **Seminars/Workshops Attended**

#### *Department of Botany*

Workshop on Draft Biosafety Act – at Cinnamon Grand Hotel - Dr S. R. Weerakoon and Dr P. Senadheera

Workshop on Draft Biosafety Act – at NSF –Dr S. R. Weerakoon and Dr P. Senadheera

Workshop on preparing guidelines to identify Invasive weeds – at Janaki Hotel - Dr S. R. Weerakoon

British council QAA UK workshop “Globally Connected” held on 17<sup>th</sup> and 18<sup>th</sup> October 2012 at the Sambuddha Jayanthie Mandiraya, Colombo 5 – Prof. L. K. Senaratne

Workshop on career guidance advisors in University – 4-5 December 2012 at UGC – Dr J. Kurupparachchi

#### *Department of Physics*

##### **Dr. G.W.A.R. Fernando**

Resource Person of the two day School science programmes for school teachers in at the RoyalCollege, Polonnaruwa on 29-30 June 2012. Twenty three (23) school teachers were attended to the programme.

##### **Dr. G.K.R. Senadeera**

*Organized and participated in “Solar Photovoltaic Technology”* which was held at the Institute of Fundamental Studies, Kandy on 28<sup>th</sup> and 29<sup>th</sup> June 2012.

*Participated in both SUSTAINABLE FUTURE ENERGY 2012 and 10<sup>th</sup> SEE FORUM Innovations for Sustainable and Secure Energy* 21-23 November 2012, Brunei Darussalam

##### **Mr. N. Karthikeyan**

#### **List of Short Courses Attended in 2012:**

**Short term course on Materials Characterization;** 3<sup>rd</sup> – 7<sup>th</sup> December 2012; National Institute of Technology, Tiruchirappalli, India.

#### **List of international Workshops Attended in 2012:**

**International Workshop on Crystal Growth and Characterization of Advanced Materials and Devices;** 16<sup>th</sup> – 19<sup>th</sup> December 2012; Crystal Growth Centre, AnnaUniversity, Chennai, India.

