



ශ්‍රී ලංකා වයඹ විශ්වවිද්‍යාලය  
இலங்கை வயம்ப பல்கலைக்கழகம்  
WAYAMBA UNIVERSITY OF SRI LANKA

වාර්ෂික වාර්තාව හා ගිණුම්  
ஆண்டறிக்கையும் கணக்கும்  
ANNUAL REPORT & ACCOUNTS

2014

# CONTENTS

	Page
<b>Vision</b>	<b>01</b>
<b>Mission</b>	<b>01</b>
1. Goals of the Wayamba University of Sri Lanka	02
2. Officers of the University	03
3. Members of the Council	04
4. Vice Chancellor's Review	05
5. Details of Human Resources & Students - 2014	07
6. Details of Local Students – 2014	08
7. Employability of Wayamba Graduates in the year 2014	09
8. Details of External Programmes conducted by the University in 2014	14
9. Details of New Courses Started – 2014	15
10. Details of Academic & Academic Support Staff as at 31.12.2014	16
11. Details of Non Academic Staff as at 31.12.2014	19
12. Library	21
13. Hostel Accommodation for Undergraduates	28
14. Number of Bursary/Mahapola scholarship recipients	30
15. Details of Research, Innovation and Publications	31
16. Postgraduate Degrees Completed by Academic Staff – 2014	33
17. Details of Awards Received	35
18. Department of Physical Education	38
19. Career Guidance Unit	47
20. Information Communication Technology Center – Kuliapitiya premises	57
21. Information Communication Technology Center – Makandura premises	59
22. English Language Teaching Unit - Kuliapitiya premises	62
23. English Language Teaching Unit – Makandura premises	65

24. Medical Center	67
25. Details of Recurrent Expenditure	68
26. Details of Capital Expenditure	68
27. Details of Financial Progress (Expenditure)	68
28. Details of Financial Progress (Generated Income)	69
29. Financial Performance Analysis – 2012	69
30. Details of Projects (Local Funded)	70
31. Details of Project Expenditure (Local Funded)	71
32. Details of Infrastructure Facilities Received in 2014	72
 <b>Statement of Accounts - 2014</b>	 <b>73</b>

# **VISION**

"To be a centre of  
excellence in higher  
education in Sri Lanka"

# **MISSION**

"To develop human  
resources to meet the  
national development  
needs through innovative  
educational programmes,  
research and outreach programmes"

## **1. Goals of the Wayamba University of Sri Lanka**

- 1. Increase the quality of degree programmes.*
- 2. Increase the student access to meet the growing demand for higher education in the country.*
- 3. Improve the Degree of employability of Graduates.*
- 4. Increase the overall productivity, Degree of efficiency of resource usage and the effectiveness of the services.*
- 5. Acquisition of lavish resources and increase the financial stability of the Wayamba University of Sri Lanka.*
- 6. Rebuild the social capital in the University to promote ethnic cohesion among the students and staff capturing the high quality working environment.*

## **2. OFFICERS OF THE UNIVERSITY - 2014**

### **Chancellor**

Prof. Tuley De Silva

### **Vice - Chancellor**

Prof. S J B A Jayasekera, *B.Sc. (Agri) (Pakistan), Ph.D (UK)*

### **Deans of Faculties**

#### **Faculty of Agriculture & Plantation Management**

Prof. D P S T G Attanayake, *B.Sc. (Agri) (Peradeniya), M.Sc., Ph.D (Birmingham)*

#### **Faculty of Applied Sciences**

Dr. E M P Ekanayake, *B.Sc. (Kelaniya), M.Sc., D.Sc. (Japan)*

#### **Faculty of Business Studies & Finance**

Prof. E S Wickramasinghe, *B.A. (Colombo), PG Diploma (Colombo),  
M.Com. (Kelaniya)*

#### **Faculty of Livestock, Fisheries & Nutrition**

Dr. M S W De Silva, *B.Sc. (Chemistry) (Peradeniya), Ph.D. (USA)*

### **Registrar**

Mr. G Piyaratne, *B.A.(Peradeniya), PG Diploma in HRM (Colombo), Master of  
HRM (Colombo)*

### **Bursar**

Mr. D A U Dharmadasa, *B.Sc. (Kelaniya), ACA, ASCMA*

### **Librarian**

Mr. W G P Gamlath, *B.A. (Peradeniya), Bachelor of Library & Information  
Science (India), Master of Library & Information  
Science (India)*

### **3. MEMBERS OF THE COUNCIL - 2014**

#### **Vice - Chancellor**

Prof. S J B A Jayasekera

#### **Deans of Faculties**

Faculty of Agriculture & Plantation Management	- Prof. D P S T G Attanayake
Faculty of Applied Sciences	- Dr. E M P Ekanayake
Faculty of Business Studies and Finance	- Prof. E S Wickramasinghe
Faculty of Livestock, Fisheries & Nutrition	- Dr. M S W De Silva

#### **Members Appointed by the UGC**

Dr. W A Abeysinghe

Mr. A A Jinadasa

Mr. J H R Karunarathne , *Up to 31.08.2014*

Mr. J M Gunathilaka , *Up to 31.08.2014*

Mr. F Preethi Perera , *Up to 31.08.2014*

Mr. R M Wanninayake , *Up to 31.08.2014*

Mr. W D Jayasinghe, *From 01.09.2014*

Mr. Mahinda Tennakoon, *From 01.09.2014*

Mr. H M P Hitisekara, *From 01.09.2014*

Mr. Narada Edirisinghe, *From 01.09.2014*

Mr. R P L Weerasinghe, *From 01.09.2014*

Mrs. Mangala Marasinghe, *From 01.09.2014*

#### **Senate Nominees**

Dr. K D D N Dissanayake, *Up to 28.05.2014*

Prof. R C W M R A Nugawela, *Up to 18.03.2014*

Prof. J M P K Jayasinghe, *From 29.05.2014*

Dr. L D R D Perera, *From 19.03.2014*

#### **Registrar (Secretary)**

Mr. G Piyaratne

## **4. Vice-Chancellor's Review**

### **4.1 Brief Introduction**

The University worked towards achieving its goals with the assistance of 519 staff members comprising 152 Academic, 28 Executive, 5 Library staff, 11 Academic Support staff and 323 Non-Academic staff members. The total student population was 2856 (1154 Male and 1702 Female) in the four Faculties out of which 729 were provided with hostel facilities (310 Male and 419 Female). A total of 1073 students received Bursary while 821 received Mahapola scholarships. The employment record of our graduates was on the higher side recording an average figure of 89.55%, which was the second best among the State Universities in the country.

### **4.2 Achievements**

The General Convocation was held on 17<sup>th</sup> July 2014 at the University Auditorium. This was the first time that convocation was held in the University premises. It was possible due to the modern Auditorium constructed under the 'Deyata Kirula' National Exhibition 2014, which was held at the University premises in February/March 2014. Hon. S.B. Dissanayake, Minister of Higher Education and Hon. Ranjith Siyambalapitiya, Minister of Telecommunication and Information Technology graced the occasion. The Convocation was held in two sessions. A total of 576 graduands received their degrees. Two Ph.Ds. 38 Masters, 13 Postgraduate Diplomas and 523 Bachelors Degrees were awarded.

The 1<sup>st</sup> International Research Conference under the title of 'Sustainable Development through Equitable Sharing' was held at the Main Auditorium on 29<sup>th</sup>-30<sup>th</sup> August 2014 with a participation of over 300 researchers from 22 countries. The keynote speech was delivered by Prof. Dr. Pascal Boeckx. The Conference was conducted under six sub-themes. Further, the Undergraduate Research Symposium – 2014 of the Faculty of Livestock, Fisheries & Nutrition was held on 5<sup>th</sup> November 2014 and the 13<sup>th</sup> Agricultural Research Symposium was held on 07<sup>th</sup>-08<sup>th</sup> August 2014.

Wayamba University went through a significant transformation during the year 2014. Many infrastructure development programmes commenced in 2013 were completed in 2014 and a significant change in the landscape took place under the 'Deyata Kirula' National Exhibition held in Kuliapitiya premises. All internal roads were repaired, broadened and carpeted. A modern Sports Complex (Rs. 250m), a fully air conditioned Auditorium (Rs.250m) with a seating



capacity of 1000, a Student Center (Rs. 60m), a Nano-technology Laboratory (Rs. 30m), overhead water tank and a water supply system with deep wells (Rs. 20m), a face lift to many buildings of the premises and renovation of University Guest House, were among the completed work.

The works on five hostels with a capacity of 400 students in each have commenced, out of which three are located in Kuliyaipitiya and two are at Makandura. Work on Playground is in progress. Final phase of the Faculty of Livestock, Fisheries & Nutrition has started. 2<sup>nd</sup> phase of Faculty of Agriculture & Plantation Management was completed. The work on Farm Animal Unit at Makandura is in progress. Access Road Stage I at Makandura was completed.

Our Academic staff members of the four Faculties have published over 500 research articles in the form of research papers in many local and international journals and also as abstracts.

A total of 14 books were published and there were 6 innovations. Many undergraduate and postgraduate students were directly involved in these research activities and innovations in all four Faculties.

The Staff Development Center and the Career Guidance Unit were actively involved in many activities during 2014, achieving some of their goals. Different staff categories on different aspects were trained by the Staff Development Center and students too were trained by Career Guidance Unit.

#### **4.3 Failure & Justification**

Bachelor Staff Quarters project at Kuliyaipitiya could not be completed. The University has filed a case and awaiting hearing. The playground was also delayed and is scheduled to be completed by the end of 2015.

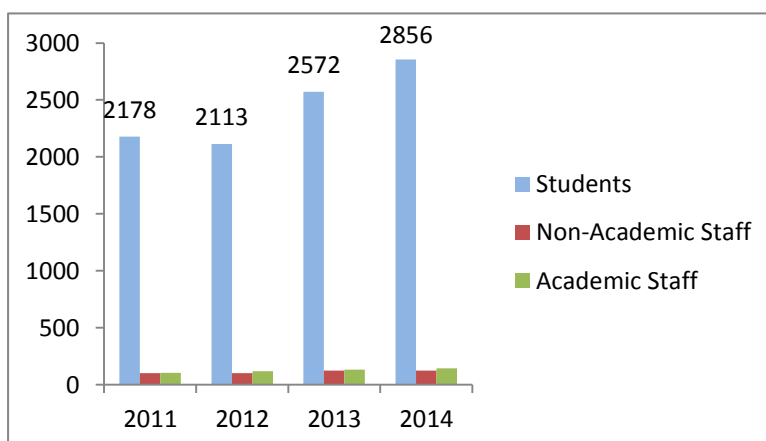
#### **4.4 Future Plans**

Postgraduate activities, research, outreach and collaborative activities of the University will be expanded. Several construction projects are also planned i.e. Access Road Stage II, continuation of final phases of Faculties of Livestock, Fisheries & Nutrition and Applied Sciences. It is also expected to complete at least 3 new hostels (400 capacity) by the end of 2015.

## 5. Details of Human Resources & Students – 2014

Faculty	Degree Programme	Total Students	Total Academic Staff	Total Non-Academic Staff
Agriculture & Plantation Management	B.Sc.(Agriculture)	454	37	43
Applied Sciences	B.Sc.(General)	461	38	26
	B.Sc.(Joint Major)			
	B.Sc. (Special) Industrial Management			
	B.Sc. (Special) Mathematics with Statistics			
	B.Sc. (Special) Applied Electronics			
Business Studies & Finance	B.Sc.(Special) Banking & Finance	1521	34	16
	B.Sc.(Special) Business Management			
	B.Sc.(Special) Insurance & Valuation			
	B.Sc.(Special) Accounting & Business Finance			
Livestock, Fisheries & Nutrition	B.Sc.(Food Science & Nutrition)	264	34	40
	B.Sc.(Food Production & Technology Management)	156		
<b>Total</b>		<b>2856</b>	<b>143</b>	<b>125</b>

During the year 2014, the student population was 2856 with a total academic staff of 143 and nonacademic staff of 125 in four faculties. In the years 2013 and 2012, the student population was 2572, 2113 with a total academic staff of 133,119 and nonacademic staff of 124,102 respectively. Student population, total academic staff and the non-academic staff were increased during the year 2014 considering the numbers of the years 2013 and 2012. The four faculties offered 11 degree programmes. Three new Special degree programmes were started by the Faculty of Applied sciences in 2014.



## 6. Details of Local Students - 2014

Faculty	Degree Programme	Medium	Intake 2014	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
Agriculture & Plantation Management	B.Sc.(Agriculture)	English	142	142	112	102	98	88
Applied Sciences	B.Sc. (General)	English	163	163	120	130	48	81
	B.Sc. (Joint Major)	English						41
	B.Sc. (Special) in Industrial Management	English						-
	B.Sc. (Special) in Mathematics with Statistics	English						-
	B.Sc. (Special) in Applied Electronics	English						-
Business Studies & Finance	B.Sc. (Special) Banking & Finance	English	438	438	460	342	281	12
	B.Sc. (Special) Business Management	English						101
	B.Sc. (Special) Insurance & Valuation	English						23
	B.Sc. (Special) Accountancy & Business Finance	English						84
Livestock, Fisheries & Nutrition	B.Sc.(Food Science & Nutrition)	English	89	89	60	60	55	39
	B.Sc. (Food Production & Technology Management)	English	36	36	49	36	35	24
<b>Total</b>			<b>868</b>	<b>868</b>	<b>801</b>	<b>670</b>	<b>517</b>	<b>493</b>

All degree programmes in Wayamba University of Sri Lanka are being conducted in English from first year to final year. 493 students were graduated in the convocation held in the year 2014.

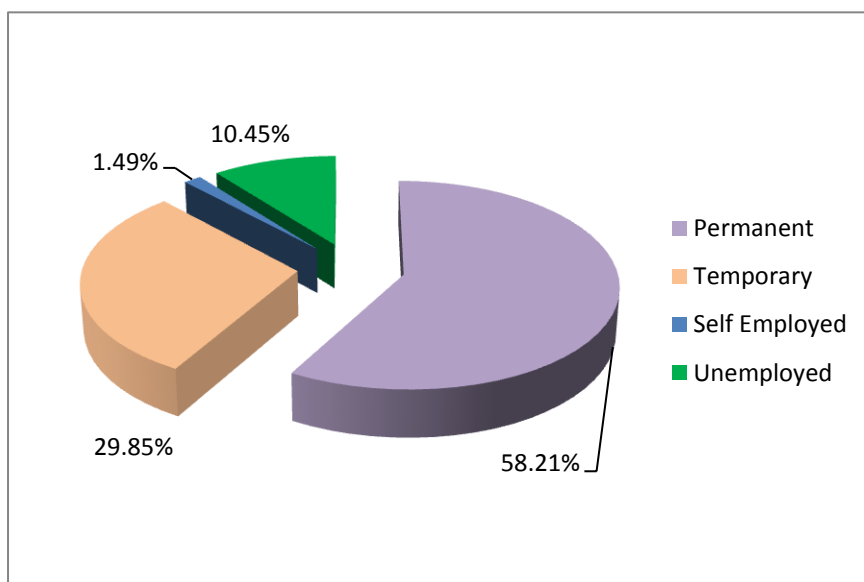
## 7. Employability of the Wayamba University Graduates in the year 2014

The following information was collected through a questionnaire and was analyzed at the External Affairs Unit in the Wayamba University of Sri Lanka.

Information from the students graduated in the year 2014 was subjected to this analysis and information pertaining to this study was based on the duration between the completion of the degree programme and the convocation. The time durations between the final examination and the convocation were different among four Faculties and in the Faculty of Agriculture & Plantation Management and Faculty of Livestock, Fisheries & Nutrition, it was reported as approximately 03 and ½ months, in the Faculty of Applied Sciences it was reported as 1 year and 5 months, and in the Faculty of Business Studies and Finance it was reported as approximately 1 year & 2 months.

Overall employability of the Wayamba University was reported as 89.55%.

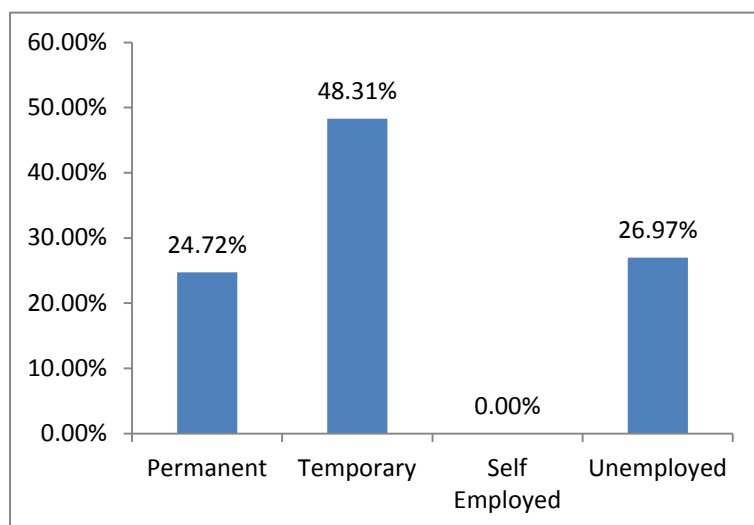
Category	%
Permanent	58.21%
Temporary	29.85%
Self Employed	1.49%
Unemployed	10.45%
<b>Total</b>	<b>100.00%</b>



## 7.1 Faculty of Agriculture & Plantation Management

Department	Permanent	Temporary	Self Employed	Unemployed	Total
Plantation Management	8	16	0	7	31
Horticulture & Landscape Gardening	4	10	0	6	20
Biotechnology	2	6	0	2	10
Agribusiness Management	8	11	0	9	28
<b>Total</b>	<b>22</b>	<b>43</b>	<b>0</b>	<b>24</b>	<b>89</b>

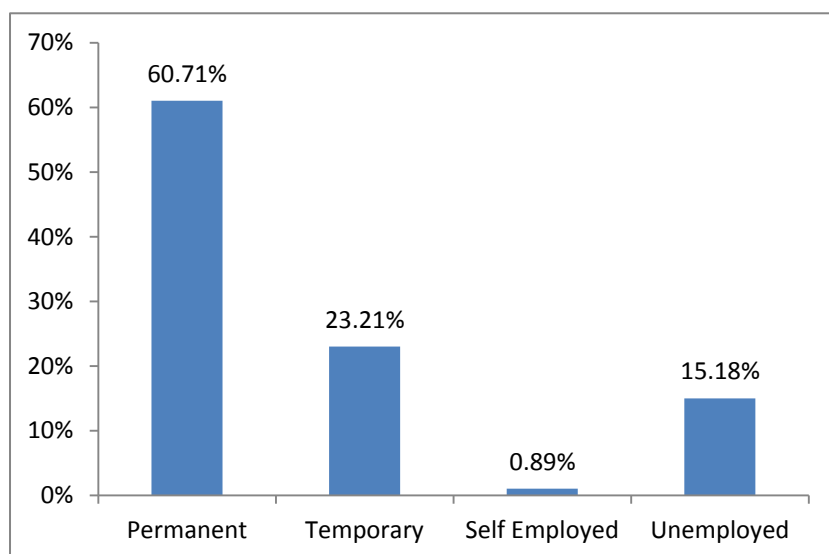
Permanent	Temporary	Self Employed	Unemployed
24.72%	48.31%	0%	26.97%



## 7.2 Faculty of Applied Sciences

Department	Permanent	Temporary	Self Employed	Unemployed	Total
Industrial Management	15	6	0	2	23
Mathematical Sciences	23	7	1	8	39
Electronics	16	11	0	3	30
Computing & Information Systems	14	2	0	4	20
<b>Total</b>	<b>68</b>	<b>26</b>	<b>1</b>	<b>17</b>	<b>112</b>

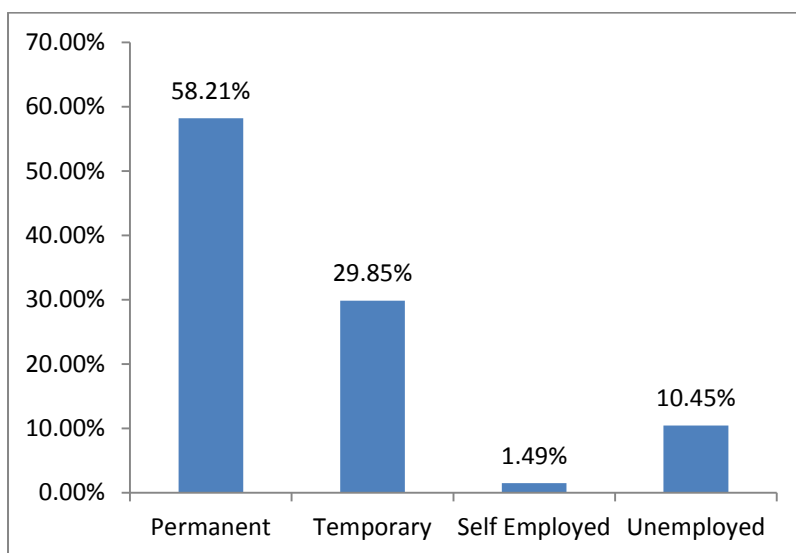
<b>Permanent</b>	<b>Temporary</b>	<b>Self Employed</b>	<b>Unemployed</b>
60.71%	23.21%	0.89%	15.18%



### 7.3 Faculty of Business Studies & Finance

<b>Department</b>	<b>Permanent</b>	<b>Temporary</b>	<b>Self Employed</b>	<b>Unemployed</b>	<b>Total</b>
Business Management	65	20	3	6	<b>96</b>
Accountancy & Business Finance	29	32	0	13	<b>74</b>
Banking & Finance	6	3	0	1	<b>10</b>
Insurance & Valuation	17	3	0	1	<b>21</b>
<b>Total</b>	<b>117</b>	<b>60</b>	<b>3</b>	<b>21</b>	<b>201</b>

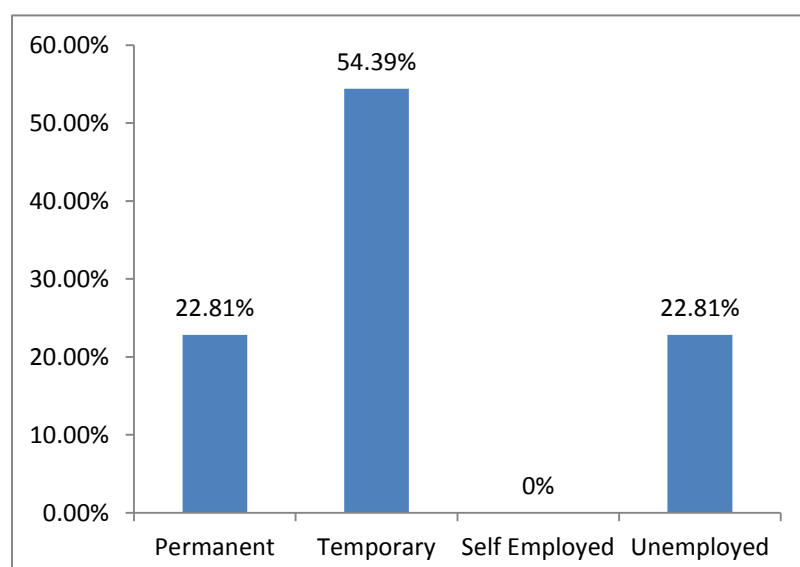
<b>Permanent</b>	<b>Temporary</b>	<b>Self Employed</b>	<b>Unemployed</b>
58.21%	29.85%	1.49%	10.45%



#### 7.4 Faculty of Livestock, Fisheries & Nutrition

Department	Permanent	Temporary	Self Employed	Unemployed	Total
Aquaculture & Fisheries	4	7	0	2	13
Livestock & Avian Sciences	3	6	0	2	11
Food Science & Technology	6	7	0	4	17
Applied Nutrition	0	11	0	5	16
<b>Total</b>	<b>13</b>	<b>31</b>	<b>0</b>	<b>13</b>	<b>57</b>

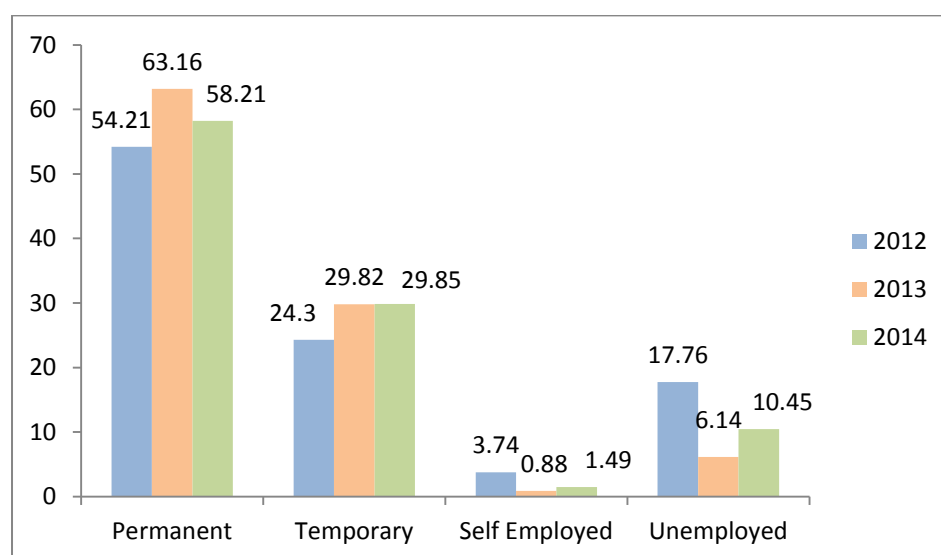
Permanent	Temporary	Self Employed	Unemployed
22.81%	54.39%	0%	22.81%



### ***Comparison of Employability in Four Faculties during the period from 2012 to 2014***

The highest employability in permanent jobs was reported in 2013 and the lowest was reported in 2012. The lowest percentage of unemployed graduates was reported in 2013 while it has risen to 10.45% in 2014. However, the percentage of the unemployed was comparatively lower in the years 2014 and 2013 than the year 2012. The following graph shows the employability status of the graduates from 2012 to 2014.

***Percentage employability rates of the graduates during the period between the final date of the examination and the convocation in 2012, 2013 and 2014 respectively.***





## **8. Details of External Programs conducted by the University in 2014**

### ***1.) Faculty of Business Studies & Finance***

- Master of Business Administration Degree
- Post Graduate Diploma in Business Management
- Diploma in Insurance
- Higher Diploma in Insurance
- Certificate in Personal Financial Management (*Conducted for the staff of AIA Insurance Company*)

### ***2.) Faculty of Agriculture & Plantation Management***

- B.Sc. in Plantation Management (External Degree) Programme
- Diploma in Food Business & Marketing

### ***3.) English Language Teaching Unit – Kuliyaipitiya***

- Diploma in English

### ***4.) English Language Teaching Unit – Makandura***

- Certificate in English through E-Learning

### ***5.) Information Communication Technology Center – Kuliyaipitiya***

- Diploma in Information Technology
- Certificate in Information Technology

### ***6.) Information Communication Technology Center – Makandura***

- Diploma in Information Technology
- Certificate in Computer Applications & Skills

### ***7.) Staff Development Center***

- Professional Diploma in Teaching Technology & Methodology
- Certificate Course on Staff Development

***Number of Registered & Completed Students of External Courses - 2014***

<b>Course</b>	<b>No. of students registered in 2014</b>	<b>No. of students completed in 2014</b>
a. Master of Business Administration Programme	101 (Intake VIII)	37**
b. Postgraduate Diploma in Business Management Programme	123 (Intake IX)	13**
c. B.Sc. (Plantation Management) External Degree Programme	92 (Intake IX)	30**
d. Higher Diploma in Insurance	25 (Intake II)	64 (Intake I)
e. Diploma in Insurance	81 (Intake VI)	79 (Intake V)
f. Diploma in English	301 (Intake VIII)	following
g. Diploma in Information Technology –Kuliyapitiya Premises	65 (Intake I)	following
h. Diploma in Information Technology – Makandura Premises	91 (Intake IV)	following
i. Diploma in Food Business & Marketing	14 (Intake II)	following
j. Professional Diploma in Teaching Technology & Methodology	38 (Intake II)	35 (Intake II)
k. Certificate Course on Staff Development	35 (Intake VIII)	following
l. Certificate Course in Computer Applications & Skills	74 (Intake VI)	64
m. Certificate Course in English through E-Learning	19 (Intake III)	14 (Intake III)

**\*\*** Number of students graduated at the convocation held in the year 2014.

**9. Details of New Courses Started – 2014**

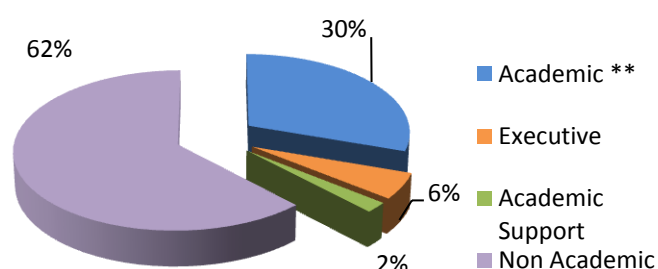
<b>Faculty</b>	<b>Course</b>	<b>Medium</b>	<b>Certificate</b>	<b>Diploma</b>	<b>Postgraduate Diploma</b>	<b>Master</b>	<b>M. Phil</b>	<b>PhD</b>
ICTC - Kuliyapitiya	Diploma in Information Technology	English		√				

## 10. Details of Academic & Academic Support Staff in Faculties & Units as at 31.12.2014

Faculty	Department	Approved Cadre	Senior Professor	Professor	Associate Professor	Senior Lecturer	Lecturer/ Lecturer (Prob.)	Instructor	Systems Engineer	Career Advisor	Total Existing Staff	No. of Vacancies
Agriculture & Plantation Management	Dean's Office	2	-	-	-	-	-	-	-	-	-	2
	Agribusiness Management	8	-	2	-	2	4	-	-	-	8	-
	Biotechnology	9	-	-	1	4	4	-	-	-	9	-
	Horticulture & Landscape Gardening	10	1		-	4	4	-	-	-	9	1
	Plantation Management	12	-	2	-	4	5	-	-	-	11	1
Applied Sciences	Dean's Office	1	-	-	-	-	-	-	-	-	-	1
	Computing & Information Systems	10	-	-	-	2	5	-	-	-	7	3
	Electronics	9	1	1	-	5	1	-	-	-	8	1
	Industrial Management	15	-	-	-	9	2	-	-	-	11	4
	Mathematical Sciences	14	-	-	-	7	5	-	-	-	12	2
Business Studies & Finance	Dean's Office	2	-	-	-	-	-	-	-	-	-	2
	Accountancy & Business Finance	11	-	-	-	5	5	-	-	-	10	1
	Banking & Finance	8	-	-	-	5	2	-	-	-	7	1
	Business Management	11	-	-	1	6	3	-	-	-	10	1
	Insurance & Valuation	7	-	-	-	2	5	-	-	-	7	-
Livestock, Fisheries & Nutrition	Dean's Office – Bio-Statistics & Agronomy Unit	2	-	-	-	1	1	-	-	-	2	-
	Applied Nutrition	10	-	-	-	5	3	-	-	-	8	2
	Aquaculture & Fisheries	8	1	1	-	4	1	-	-	-	7	1
	Food Science & Technology	11	-	-	-	6	4	-	-	-	10	1
	Livestock & Avian Sciences	8	-			4	3	-	-	-	7	1

Faculty	Department	Approved Cadre	Senior Professor	Professor	Associate Professor	Senior Lecturer	Lecturer/ Lecturer (Prob.)	Instructor	Systems Engineer	Career Advisor	Total Existing Staff	No. of Vacancies
English Language Teaching Unit	English Language Teaching Unit – Kuliypitiya	4	-	-	-	-	4	-	-	-	4	0
	English Language Teaching Unit – Makandura	3	-	-	-	-	-	1	-	-	1	2
Information Communication Technology Center	Information Communication Technology Center - Kuliypitiya	5	-	-	-	-	3	1	1	-	5	-
	Information Communication Technology Center - Makandura	6	-	-	-	-	2	1	1	-	4	2
Physical Education Unit		5	-	-	-	-	-	4	-	-	4	1
Career Guidance Unit		1	-	-	-	-	-	-	-	1	1	0
<b>Total</b>		<b>192</b>	<b>3</b>	<b>6</b>	<b>2</b>	<b>75</b>	<b>66</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>162</b>	<b>30</b>

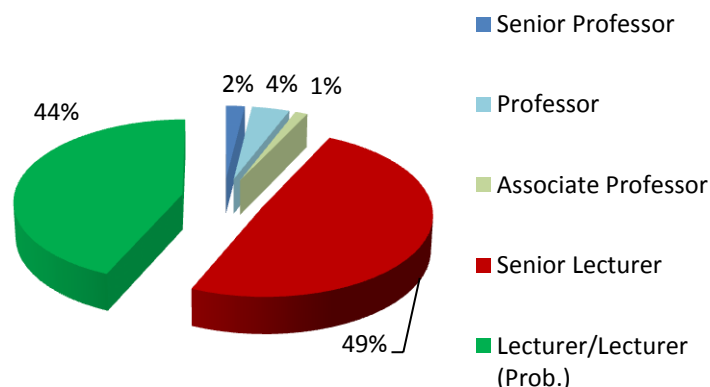
The Wayamba University of Sri Lanka worked towards its goals with the assistance of 519 staff members comprising 30% academic, 2% academic support, 6% executive and 62% as nonacademic staff.



**Staff Strength of the University**  
**2014**

\*\* Library Academic Staff also included in this category

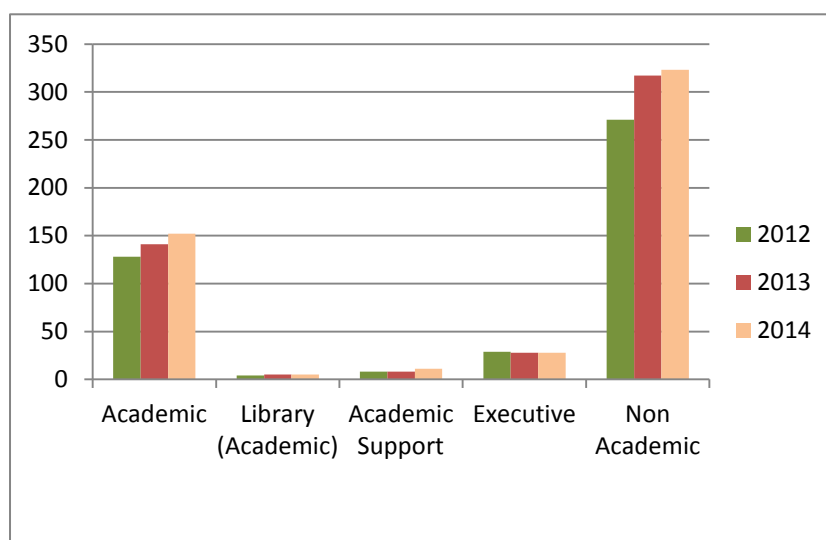
The proportional distribution of the academic staff among Senior Professors, Professors, Associate Professors, Senior Lecturers and Lecturers were 2%, 4%, 1%, 49%, 44% respectively.



#### Academic Staff strength - 2014

#### *Comparison of Staff in the University during the period from 2012-2014*

Staff Category	2012	2013	2014
Academic	128	141	152
Library (Academic)	04	05	05
Academic Support	08	08	11
Executive	29	28	28
Non Academic	271	317	323
<b>Total</b>	<b>440</b>	<b>499</b>	<b>519</b>

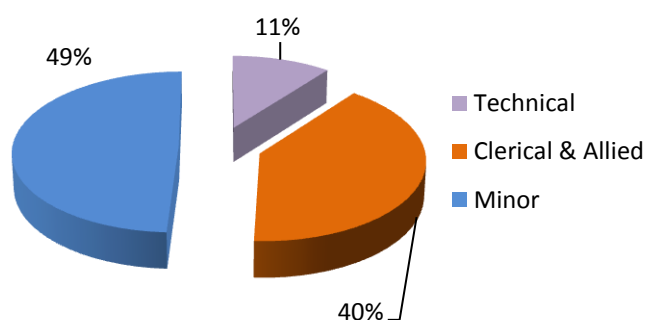


## 11. Details of Non Academic Staff as at 31.12.2014

Faculty/Branch	Executive Staff	Technical Staff	Clerical & Allied Staff	Minor Staff
Vice Chancellor's Office	1	-	1	1
Registrar's Office	2	-	2	2
Academic Establishment Branch	1	-	5	1
Non Academic Establishment Branch	1	-	4	1
General Administration Branch	1	-	6	4
Capital Works Branch	1	-	2	1
Academic Branch	1	-	2	1
Common Support Unit - Makandura	2	-	2	3
Internal Audit Branch	1	-	3	1
Career Guidance Unit	-	-	1	-
External Affairs	-	-	1	-
Financial Branch - Kuliyaipitiya Premises	3	-	9	2
Financial Branch - Makandura Premises	1	-	4	1
Stores & Supplies Services	1	-	5	2
Security Services	-	-	3	3
Transport Services	-	-	-	11
Faculty of Applied Sciences	1	6	8	11
Faculty of Agriculture & Plantation Management	2	5	12	24
Faculty of Business Studies & Finance	1	1	8	6
Faculty of Livestock, Fisheries & Nutrition	2	9	10	19
Examination Services	1	-	6	2
Library - Kuliyaipitiya Premises	1	-	8	8
Library - Makandura Premises	-	-	4	3
Information Communication Technology Centre - Kuliyaipitiya Premises	-	1	2	2
Information Communication Technology Centre - Makandura Premises	-	1	1	2

<b>Faculty/Branch</b>	<b>Executive Staff</b>	<b>Technical Staff</b>	<b>Clerical &amp; Allied Staff</b>	<b>Minor Staff</b>
English Language Teaching Unit - Kuliyaipitiya Premises	-	-	1	1
English Language Teaching Unit - Makandura Premises	-	-	1	1
Health Services - Kuliyaipitiya Premises	-	3	1	1
Health Services - Makandura Premises	-	3	-	1
Physical Education Unit	1	-	1	7
Staff Development Center	-	-	1	-
Student & Staff Welfare	1	-	5	2
Maintanace Division - Kuliyaipitiya Premises	2	4	5	25
Maintanace Division - Makandura Premises	-	1	1	7
Hostel - Kuliyaipitiya Premises	-	-	3	1
Hostel - Makandura Premises	-	-	2	2
<b>Total</b>	<b>28</b>	<b>34</b>	<b>130</b>	<b>159</b>

The proportional distribution of the Non Academic staff (excluding the executive staff there were 323 staff members in 2014) among Technical, Clerical & Allied and Minor staff members were 11%, 40% and 49% respectively.



**Non Academic Staff strength - 2014**

## **12. Library**

### **12.1 Background Information**

The Library of the Wayamba University of Sri Lanka consists of two Libraries. One is serving for Faculty of Applied Sciences and Faculty of Business Studies & Finance at Kuliypitiya Premises and the other Library is serving for Faculty of Agriculture & Plantation Management and Faculty of Livestock, Fisheries & Nutrition at Makandura Premises.

### **12.2 Building**

#### ***12.2.1 The Library at Kuliypitiya***

The Library at Kuliypitiya was established in left side of the first floor of old administrative building. After shifting of the administrative office of the University, the Library received other part of the building which expanded to the present Library. Now entire floor area of the Library building is 7326 square feet approximately, and seating capacity is 141.

#### ***12.2.2 The Library at Makandura***

The Library at Makandura is situated in the middle of two faculties and closer to the main road of the premises. The Library has a new separate two story building, with a floor area of approximately 7200 square Feet and seating capacity is 125. The new building was opened on 27<sup>th</sup> July 2006.

### **12.3 New Achievements**

#### ***12.3.1 Publications***

- Representing Wayamba University of Sri Lanka, published a research paper as a join project based on a case study by Mrs. W.M. Thusithakumari (Senior Assistant Librarian) and Mrs. D.G.A.S. Malkanthi (Assistant Librarian) – *Need of information assessment to achieve balanced and relevant collection building in University Libraries: Indian Journal of Research, Management, Business and Social Science (IJRMBSS). Vol. II/I, 2014. pp. 68-72*



- Library Publications: *In Plant Training Reports Index: Vol: I (1994-2010): Faculty of Agriculture and Plantation Management and Faculty of Livestock, Fisheries & Nutrition*. Compiled by W.M. Thusithakumari, Main Library, Wayamba University of Sri Lanka, 2014.
- **LIBRARY NEWSLETTER – 2014** is in progress to publish in end of February 2015.

### 12.3.2 Other

- As a result of joining to the “Consortia” conducted by the University Grants Commission for shearing library recourses among university libraries. Both libraries share much recourse among other university libraries during the last year.
- Started “ Automated library circulations for the students and academic staff” of two faculties in Makandura premises.
- New proposal about “Learning Skill Development Programme” developed by the library, and it will be included to the Prospectus in Faculty of Applied Sciences and hope it is going implement of year 2015 for the all students of the Faculty to bring new era in their academic carrier
- As a result of extending on community services, Conduct two workshops/ Training programmes on Library Management and e – Library facilities and Literacy skills as follows;
  - ✓ Library Management to professional and paraprofessional library staff members of Pannala Pradeshiya Sabha held on 24 May 2014 at Makadura Public Library. Mrs. W.M. Thusithakumari (SAL), Mr. W..Punyawardena (SAL), Mrs. D.G.A.S. Malkanthi (AL) and Mr. K.G.I. Jayawardena (AL) were attending as facilitators.
  - ✓ E- Libraries and Information literacy skills for the A/L students of Kuliyapitiya Urban Council was organized by Public Library of Kuliyapitiya. Mr. K.G.I. Jayawardena (AL) and Mr. E.M.C.L. Ekanayake (System Analyst) attend as facilitators on 10<sup>th</sup> June 2014.
- Conducted 6 month internal Training programme for the graduates of Library and Information Science, University of Kelaniya.

- Conducted 10 day training programme for 04 students of Diploma in Library and Information Science of SLLA (Sri Lanka Library Association)
- Continuously providing several e – journal Data Base/ Open Source Data Base facilities through library web site for the University Community.
- Done Annual verification for fixed assets (Board of survey – 2014) successfully in both libraries.

## 12.4 Library Orientation Programme

### (a) The Library at Kuliyaipitiya

Library Orientation Programme was successfully conducted for the new intake (2014) of both faculties at the Main Library at Kuliyaipitiya Premises as follows;

- Faculty of Applied Sciences: On 21<sup>st</sup> and 25<sup>th</sup> of May 2014
- Faculty of Business Studies & Finance : On 03<sup>rd</sup> and 04<sup>th</sup> of September 2014  
: On 10<sup>th</sup> and 11<sup>th</sup> of September 2014

### (b) The Library at Makandura

Library Orientation Programme was conducted successfully for both faculties in faculty auditoriums for new intake (2014) as follows;

- Faculty of Livestock, Fisheries and Nutrition: On 31<sup>st</sup> March 2014
- Faculty of Agriculture and Plantation Management: On 1<sup>st</sup> of April 2014

## 12.5 Workshops

- Mr. K.G.I. Jayawardena (Assistant Librarian – Main Library) Participated in workshop on *Introduce Web Based Training (WBT)* for Staff on 31<sup>st</sup> January 2014 at ICT Center at Makandura, WUSL.
- Mr. W.G.P. Gamlath,(Librarian), Mrs.. W.M. Thusithakumari (Senior Assistant Librarian – Main library) and Mr. W. Punyawardena (Senior Assistant Librarian –Makandura

Library) attended seminar on *Open Access to Research Information: Awareness Raising* held on 28<sup>th</sup> February 2014 at National Science Foundation, Colombo.

- Mrs.. D.G.A.S. Malkanthi (Assistant Librarian – Makandura Library) attended workshop on *Digital Library* held on 15<sup>th</sup> March 2014 at NILIS, University of Colombo.
- Mr. W.G.P. Gamlath, (Librarian) and Mrs. W.M. Thusithakumari (Senior Assistant Librarian – Main Library) participated in workshop on *Introduction to Electronic Resource Management* conduct by, INASP (Information Network for the Availability of Scientific Publications) held on 25<sup>th</sup> – 27<sup>th</sup> March at University of Colombo.
- Mr. W. Punyawardena (Senior Assistant Librarian –Makandura Library) participated in workshop on *Indigenous Knowledge for National Development: role of library* conducted by NSLRC (The National Science Library & Resource Center) held on 25<sup>th</sup> July 2014.
- Mrs. W.M. Thusithakumari (Senior Assistant Librarian – Main Library) participated in workshop on *Planning and Implementation of Information Literacy Programme in Universities* conducted by ULA, at University of Colombo – 24<sup>th</sup> , 25<sup>th</sup> July 2014.
- Mrs. W.M. Thusithakumari (Senior Assistant Librarian – Main Library) participated in workshop on *Marketing and Promotion of Electronic Resourse* conducted by INASP, on 26<sup>th</sup> – 28<sup>th</sup> November 2014.
- Mr. K.A.C.P. Abeygunawardena(Assistant Registrar/Library Sciences) Participated in workshop on *Inducting Training Programme for New Recruits of Administrative & Financial Officer Grades in University Service- Year 2014* conducted by University Grants Commission.

On 19<sup>th</sup> to 23<sup>rd</sup> May 2014 at Sri Lanka Foundation Institute, Colombo.

On 10<sup>th</sup> to 14<sup>th</sup> September 2014 at Hotel Janaki, in Colombo

- Organized two day special IT Training programme for the Library Assistants in both libraries to improve IT literacy skills, and conducted by Mr. E.M.C.L. Ekanayake (System Analyst) to 27<sup>th</sup> – 28<sup>th</sup> August 2014 at Main Library.
- Mr. Y.M.A.G. Yapa (Library Assistant - Makandura) Ms. N.D.K. Herath (Library Assistant) participated workshop on *Computer Operating System and Data Base Management* on 04<sup>th</sup> , 11<sup>th</sup> ,18<sup>th</sup> ,25<sup>th</sup> June and 02<sup>nd</sup> July 2014 at ICT Center -Makandura, WUSL.

## 12.6 Registered Users

### *a). Library at Kuliapitiya*

Users	No. of users by 31.12.2014	No. of registered users in 2014
Students	2054	567
Academic Staff		
Permanent	85	04
Temporary	21	17
Executive Staff	22	01
Non- Academic Staff	185	10

### *b). Library at Makandura*

Users	No. of users by 31.12.2014	No. of registered users in 2014
Students	890	189
Academic Staff		
Permanent	59	02
Temporary	86	15
Executive Staff	08	01
Non- Academic Staff	89	05

## 12.7 Books and Periodical Vote

### *Library Allocation:*

Books & Periodicals – Rs. 4,675,000.00 (4.675 Million)

### *Expenditure:*

#### a) Library – Kuliapitiya

Books	Periodicals
Rs.577,775.35	Rs. 17,182.00
203 Numbers	03 Numbers

**Total Expenditure - Rs. 594,957.35**

#### b) Library – Makandura

Books  
Rs.92,350.00  
21 Numbers

Periodicals  
Rs. 148,941.00  
12 Numbers + News Papers

**Total Expenditure - Rs. 241,291.00**

## **12.8 Book Stock**

Total Number of book stock as at 31.12.2014 according to the Accession Registers.

The Library at Kuliyaipitiya - 36378

The Library at Makandura - 17322

During the year under review the Library at Kuliyaipitiya Accessioned 782 books of which **579** books were received as **donations**. The Library at Makandura accessioned 64 books of which **43** books were received as **donations**.

## **12.9 Income**

### ***12.9.1 Library Fines***

#### **a.) The Library at Kuliyaipitiya**

Lost books recoveries	Rs. 17,680.00
Duplicates of library tickets	Rs. 1,075.00
Delay charges	Rs. 66,220.00
	<hr/>
Total	Rs. 84,975.00
	<hr/> <hr/>

#### **b). The Library at Makandura**

Lost books recoveries	Rs. 3,810.00
Duplicates of library tickets	Rs. 200.00
Delay charges	Rs. 695.00
	<hr/>
Total	Rs. 4,705.00
	<hr/> <hr/>

### ***12.9.2 Photocopy Service***

#### **a.) The Library at Kuliyaipitiya**

Photocopy Coupons (issued)      Rs. 68,050.00

Total Income                              Rs. 68,050.00

#### **b.) The Library at Makandura**

Photocopy Coupons                      Rs.16, 900.00

Total Income                              Rs.16, 900.00

### ***12.9.3 Binding Section Statistics - 2014***

No of books bound : 484

No of books repaired : 10

### **12.10 Library Staff as at 31.12.2014 (Academic, Academic Support & Administrative Staff)**

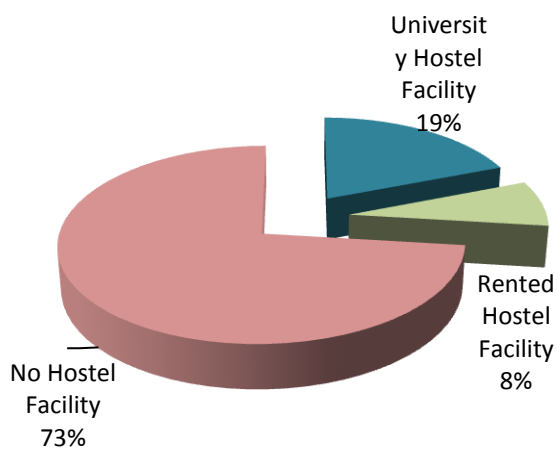
<b>Library</b>	<b>Approved Cadre</b>	<b>Librarian</b>	<b>Senior Assistant Librarian</b>	<b>Assistant Librarian</b>	<b>Assistant Registrar (Library Services)</b>	<b>Programmer Cum Analyst</b>	<b>Total</b>	<b>Vacancies</b>
Library - Kuliyaipitiya Premises	5	1	1	1	1	1	5	0
Library - Makandura Premises	2	-	1	1	-	-	2	0

### 13. Hostel Accommodation for Undergraduates – 2014

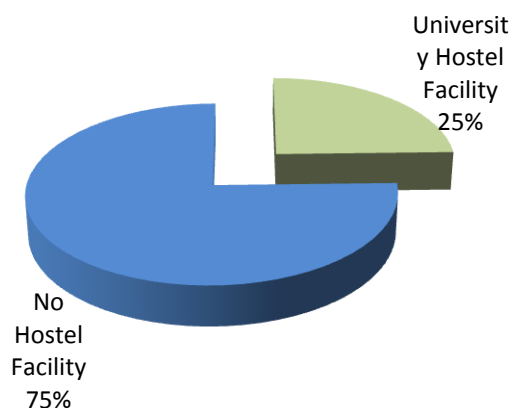
University Hostels	Number of students accommodated in the hostel		Rented Hostels	Number of students accommodated in the hostel	
	Male	Female		Male	Female
Pandukabhaya-Kuliyapitiya	-	60	Kariyawasam (1 <sup>st</sup> & 2 <sup>nd</sup> Floor)	89	-
Deegagamini-Kuliyapitiya	-	56			
Swarnapali- Kuliyapitiya	60	-			
Chitradevi- Kuliyapitiya	60	-			
New Girls Hostel-Kuliyapitiya	-	80			
New Girls Hostel II-Kuliyapitiya	-	98			
Sapumal Bandara I & II - Makandura	101	-			
Biso Bandara I & II - Makandura	-	125			
<b>Total</b>	<b>221</b>	<b>419</b>	<b>Total</b>	<b>89</b>	<b>-</b>

Total Male and Female students in the University in the year 2014 were 1154 and 1702 respectively. Among them 221 male students and 419 female students were given the University hostels. Generally the University provides hostel facilities for first and fourth year students considering the distance from the residence.

89 male students were accommodated in the rented hostel in 2014.



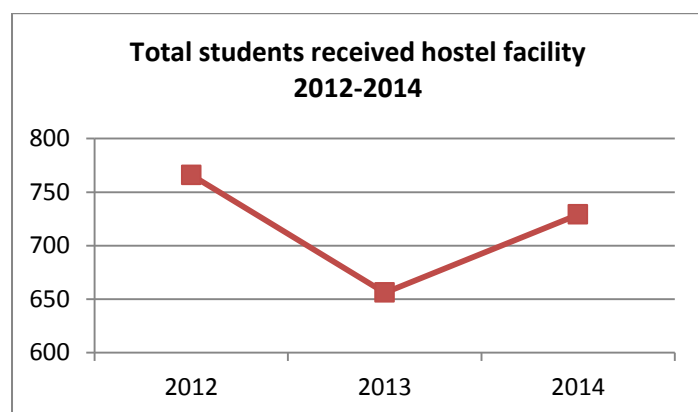
**Hostel Facility 2014 – Male**



**Hostel Facility 2014 - Female**

***Comparison of Hostel Accommodation of Undergraduates during the period from 2012-2014***

Year	University Hostels		Rented Hostels		Total
	Male	Female	Male	Female	
2012	240	336	150	40	766
2013	240	316	60	40	656
2014	221	419	89	-	729



**13.1 Annual Expenditure for the Rented Hostel - 2014**

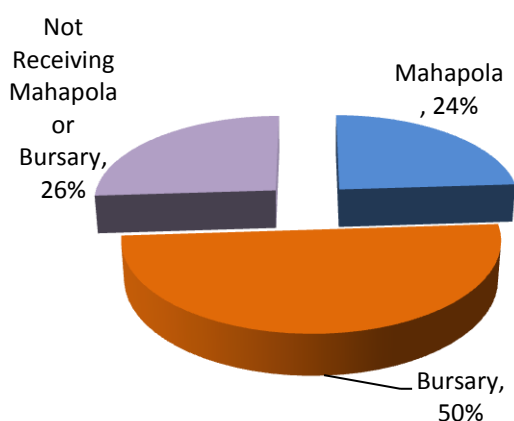
Hostel (kuliyaipitiya Premises)	Amount Spent Rs.
Kariyawasam (1 <sup>st</sup> & 2 <sup>nd</sup> floor)	2,700,000.00
<b>Total</b>	<b>2,700,000.00</b>



#### 14. Number of Bursary/ Mahapola scholarships recipients

Faculty	Mahapola	Bursary
Agriculture & Plantation Management	78	141
Applied Sciences	61	227
Business Studies & Finance	506	621
Livestock, Fisheries & Nutrition	176	84
<b>Total</b>	<b>821</b>	<b>1073</b>

Among the total students in the University in 2014 (2856 students), 821 students were Mahapola scholarships recipients and 1073 students were Bursary recipients. i.e. 29% were Mahapola scholarship recipients and 38% were Bursary recipients among the total students in the year 2014.



**Bursary/ Mahapola scholarships recipients - 2014**

*Comparison of Total number of Bursary & Mahapola scholarship recipients during the period from 2012-2014*

Faculty	Bursary			Mahapola		
	2012	2013	2014	2012	2013	2014
Agriculture & Plantation Management	124	128	141	125	89	78
Applied Sciences	167	357	227	77	52	61
Business Studies & Finance	354	599	621	493	397	506
Livestock, Fisheries & Nutrition	116	216	84	192	76	176
<b>Total</b>	<b>761</b>	<b>1300</b>	<b>1073</b>	<b>887</b>	<b>614</b>	<b>821</b>

## 15. Details of Research, Innovation and Publications

Subject	Published		Commercialized		Presented	
	National	International	National	International	National	International
a. No. of Researches	134	101	-	-	86	86
b. No. of Innovations	01	05	-	-	-	05
c. No. of Journals	82	51	-	-	34	04
d. No. of Books	13	02	-	-	01	-
e. No. of Articles	49	53	-	-	01	05
f. Other	12	01	03	-	02	01
<b>Total</b>	<b>291</b>	<b>213</b>	<b>03</b>	<b>-</b>	<b>124</b>	<b>101</b>

### 15.1 Faculty of Agriculture & Plantation Management

Subject	Published		Commercialized		Presented	
	National	International	National	International	National	International
a. No. of Researches	78	36	-	-	26	21
b. No. of Innovations	-	-	-	-	-	-
c. No. of Journals	43	29	-	-	-	-
d. No. of Books	07	-	-	-	-	-
e. No. of Articles	26	32	-	-	-	-
f. Other	-	-	-	-	-	-
<b>Total</b>	<b>154</b>	<b>97</b>			<b>26</b>	<b>21</b>

## 15.2 Faculty of Applied Sciences

Subject	Published		Commercialized		Presented	
	National	International	National	International	National	International
a. No. of Researches	06	33	-	-	08	23
b. No. of Innovations	-	-	-	-	-	-
c. No. of Journals	33	08	-	-	33	-
d. No. of Books	01	-	-	-	01	-
e. No. of Articles	-	05	-	-	-	02
f. Other	02	01	-	-	02	01
<b>Total</b>	<b>42</b>	<b>47</b>	<b>-</b>	<b>-</b>	<b>44</b>	<b>26</b>

## 15.3 Faculty of Business Studies & Finance

Subject	Published		Commercialized		Presented	
	National	International	National	International	National	International
a. No. of Researches	01	02	-	-	02	02
b. No. of Innovations	-	-	-	-	-	-
c. No. of Journals	05	06	-	-	-	-
d. No. of Books	-	-	-	-	-	-
e. No. of Articles	16	16	-	-	-	01
f. Other	01	-	-	-	-	-
<b>Total</b>	<b>23</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>02</b>	<b>03</b>

## 15.4 Faculty of Livestock, Fisheries & Nutrition

Subject	Published		Commercialized		Presented	
	National	International	National	International	National	International
a. No. of Researches	49	30	-	-	50	40
b. No. of Innovations	01	05	-	-	-	05
c. No. of Journals	01	08	-	-	01	04
d. No. of Books	05	02	-	-	-	-
e. No. of Articles	07	-	-	-	01	02
f. Other	09	-	03	-	-	-
<b>Total</b>	<b>72</b>	<b>45</b>	<b>03</b>	<b>-</b>	<b>52</b>	<b>51</b>

## 16. Postgraduate Degrees Completed by Academic Staff - 2014

### 16.1 Faculty of Agriculture & Plantation Management

Subject	No. of Academics who have achieved postgraduate degrees as at 31.12.2014	Postgraduate degrees completed in the year 2014	
		Local	Foreign
Ph.D.	21	-	02
M.Phil.	01	-	-
M.Sc.	06	01	-
PG Diploma	-	-	-
<b>Total</b>	<b>28</b>	<b>01</b>	<b>02</b>

### 16.2 Faculty of Applied Sciences

Subject	No. of Academics who have achieved postgraduate degrees as at 31.12.2014	Postgraduate degrees completed in the year 2014	
		Local	Foreign
Ph.D./D.Sc./D.Eng.	13	-	01
M.Phil.	02	-	-
M.Sc./MBA	15	-	-
PG Diploma	-	-	-
<b>Total</b>	<b>30</b>	<b>-</b>	<b>01</b>

### 16.3 Faculty of Business Studies & Finance

Subject	No. of Academics who have achieved postgraduate degrees as at 31.12.2014	Postgraduate degrees completed in the year 2014	
		Local	Foreign
Ph.D.	06	-	03
M.Phil.	-	-	-
MBA/M.Com./M.Sc./M.S.Sc./ MFA/MA	13	01	-
PG Diploma	-	-	-
<b>Total</b>	<b>19</b>	<b>01</b>	<b>03</b>

### 16.4 Faculty of Livestock, Fisheries & Nutrition

Subject	No. of Academics who have achieved postgraduate degrees as at 31.12.2014	Postgraduate degrees completed in the year 2014	
		Local	Foreign
Ph.D.	14	-	01
M.Phil.	08	-	-
M.Sc.	06	-	-
PG Diploma	01	-	-
<b>Total</b>	<b>29</b>	<b>-</b>	<b>01</b>

## 17. Details of Awards Received

Subject	No. of Awards	No. of Academics	No. of Students
a. Local Awards	02	01	01
b. National Awards	08	07	01
c. International Awards	04	04	01
d. Other	01	01	-
<b>Total</b>	<b>15</b>	<b>13</b>	<b>03</b>

### 17.1 Faculty of Agriculture & Plantation Management

Subject	No. of Awards	No. of Academics	No. of Students
a. Local Awards	-	-	-
b. National Awards	07	05	-
c. International Awards	02	02	-
d. Other	01	01	-
<b>Total</b>	<b>10</b>	<b>08</b>	<b>-</b>

#### *International Award*

Prof. D.P.S.T.G. Attanayaka - *The Fourth Global Rubber Conference Wickham Award 2014* for the category of Technology Innovation in the Global Natural Rubber Industry.

Prof. J.M.U.K. Jayasinghe – *Full Bright Post Doctoral Research Fellowship*; awarded by the University of Massachusetts, USA

#### *National Awards*

Prof. J.M.U.K. Jayasinghe – (i) *Chartered Environmental Professional*; awarded by Institute of Environment Professional of Sri Lanka

(ii) *National Research Council Merit Award for Scientific Publication*; awarded by National Research Council of Sri Lanka

(iii) *SUSRED Award for Supervision for Post Graduate Research Degrees*; awarded by National Science & Technology Commission of Sri Lanka and Ministry of Technology & Research of Sri Lanka

Dr. (Mrs.) P.I.P. Perera -*NRC Merit Award for Scientific Publication*; awarded by National Research Council

Dr. (Mrs.) R.H.M.K. Ratnayake -*NRC Merit Award for Scientific Publication*; awarded by National Research Council

Dr. J.C. Edirisinghe - *Best Paper in Management, Social Sciences and Humanity* at International Conference in Sir John Kothalawala Defence Academy

Mr. H.M.L.K. Herath – *Presidential Award for Scientific Research*; awarded by Ministry of Science & Technology joint with Presidential Secretariat

***Other Awards***

Dr. (Mrs.) N.S. Kottarachchi - Financial from “*Encouragement Award Scheme 2014; Category of International Mobility Support*” Forum UGC

**17.2 Faculty of Business Studies & Finance**

<b>Subject</b>	<b>No. of Awards</b>	<b>No. of Academics</b>	<b>No. of Students</b>
a. Local Awards	-	-	-
b. National Awards	-	-	-
c. International Awards	01	01	
d. Other	-	-	-
<b>Total</b>	<b>01</b>	<b>01</b>	<b>-</b>

***International Award***

Dr. H.M.S.P.Herath – Project of International Graduate Student

### 17.3 Faculty of Livestock, Fisheries & Nutrition

Subject	No. of Awards	No. of Academics	No. of Students
a. Local Awards	02	01	01
b. National Awards	01	02	01
c. International Awards	01	01	01
d. Other	-	-	-
<b>Total</b>	<b>04</b>	<b>04</b>	<b>03</b>

#### *Local Awards*

- (i) *2<sup>nd</sup> runner up award of the competition for the best poster (Session A) at 1<sup>st</sup> Ruhuna International Science & Technology Conference.*

Paper: Sivanthan S. and MDST de Croos (2014) Market chain assessment of the blue swimming crab industry in Jaffna, Sri Lanka.

- (ii) *Best presentation at the International Conference Eastern University of Sri Lanka.*

Paper: De Croos MDST and S. Sivanthan (2014) A review of blue swimming crab fishery off northern Sri Lanka: past, present and some future perspectives

#### *International Award*

*Japan International Fisheries Research Society (JIFRS) Yamamoto Price Award at the “International Institute of Fisheries Economics and Trade” IIFET-2014 Australia conference.*

Paper: Yugawendra Kasivisuvanathan and MDST de Croos (2014) Present status of Mangrove in Mandativu, Jaffna, Sri Lanka.

#### *National Award*

Mr. KDPP Gunathilake - Competitive Research Grant-2014 from National Science Foundation of Sri Lanka- Rs. 1.4 Million

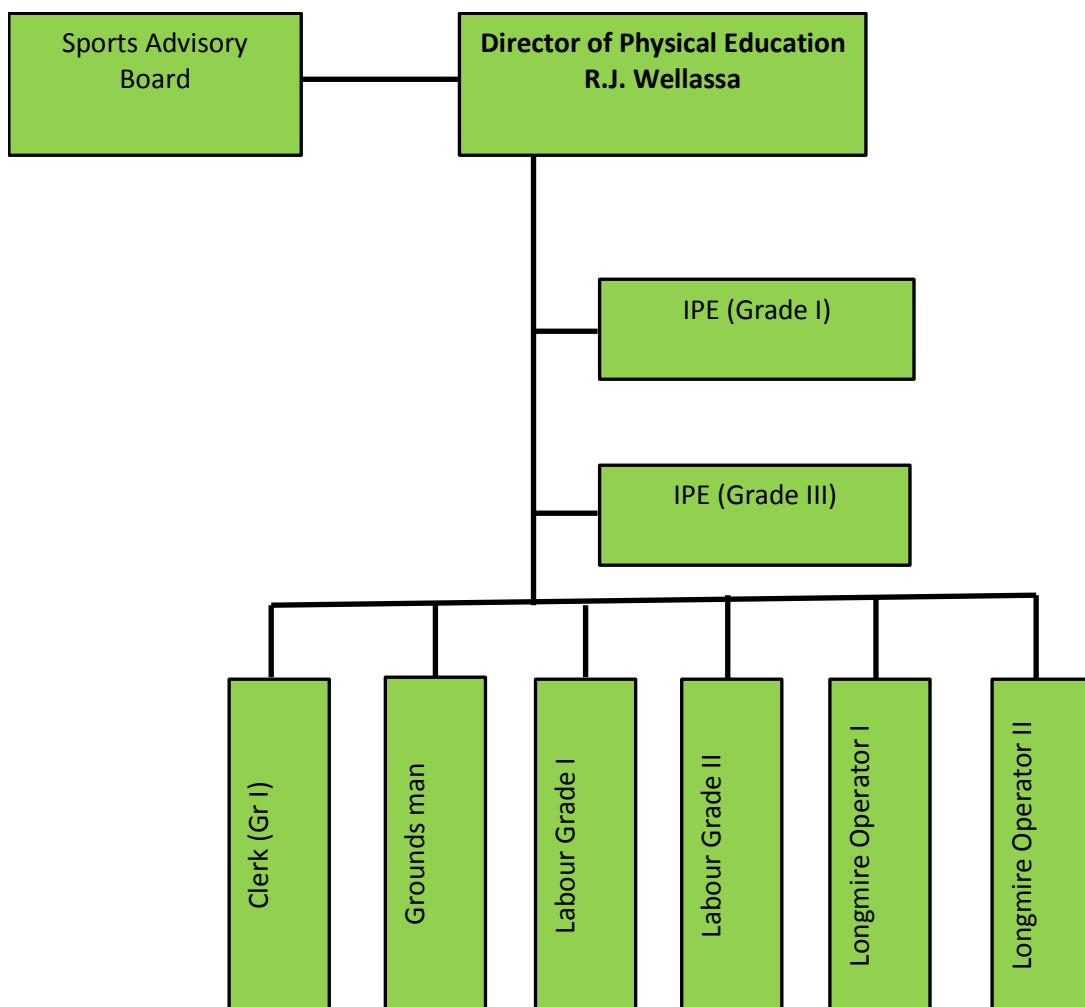


## 18. Department of Physical Education

### 18.1 Introduction

Department of Physical Education supports academic by improving talent of undergraduate through mind and body balancing programmes. This is the most important department to enhance the harmony and cooperation among the student, academic and non-academic staff in the University.

### 18.2 Department of Physical Education team structure



### 18.3 Visiting Instructors

We obtained services from visiting instructors to further the following sports and also we conducted many coaching camps for these sports.

During 2014 our Department recruited 09 qualified visiting instructors for our work force and they actively contributed to the coaching of following events.

Sport	Name	Qualifications
1. Carrom	B D R Kumara	National Champion of Carrom
2. Chess	J M C B Rathgalla	Former University Player & Colors Winner
3. Elle	G Wimalasiri	National Best Player of NWP
4. Hockey	W S M D Botheju	Member of SL Air Force Hockey Team
5. Karate	W S R Fernando	International Black Belter
6. Rugger	B M B D Bandara	Qualified Level 02 Ruggby Coach
7. Swimming	N M J K Nawarathne	Swimming Coach – Shilpashalika
8. Table tennis	T M K P B Tennakoon	School Coach
9. Weightlifting	L R C L KLianagedara	National player

### 18.4 Annual Sports programs

#### 18.4.1 Inter Faculty Fresher's Championships 2014

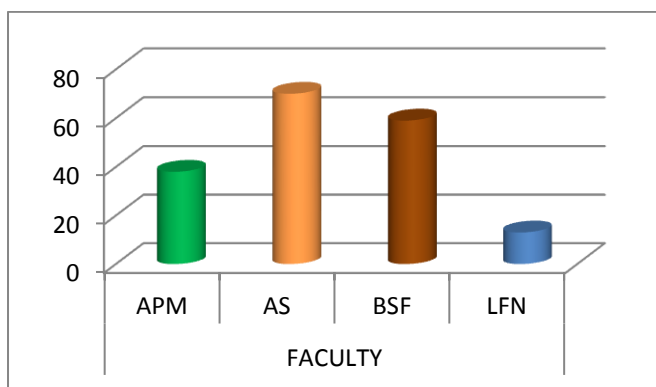
Innovative solutions are required to engage young people in a new batch for sports activities when they footstep a new premises. By understanding these necessities the Department of Physical Education annually organized Inter Faculty Fresher's Championships to encourage fresher's students for University sports activities.

In this year also, Inter Faculty Fresher's Championships was organized by the department including 18 sports events for men and women teams.

- |                      |                      |                        |
|----------------------|----------------------|------------------------|
| 01. Badminton (M/W)  | 02. Basketball (M/W) | 03. Carom (M/W)        |
| 04. Chess (M/W)      | 05. Cricket          | 06. Elle (M/W)         |
| 07. Football         | 08. Netball          | 09. Table Tennis (M/W) |
| 10. Volleyball (M/W) | 11. Weightlifting    |                        |

It was held during 19<sup>th</sup> to 27<sup>th</sup> May 2014 at Kuliyaipitiya and Makandura University premises.

### *Inter Faculty Fresher's Point Chart*

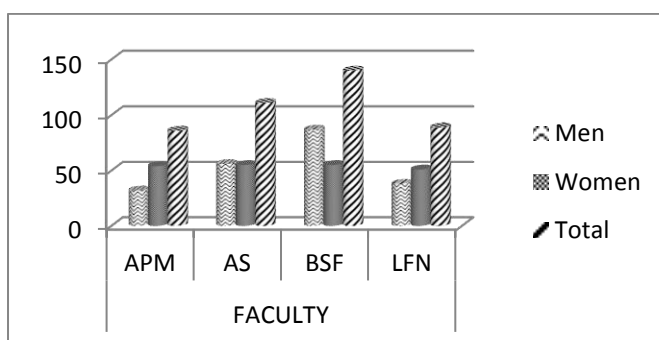


### *Inter Faculty Fresher's Final Result*

- Champion** – Applied Sciences
- First Runner-up** – Business Studies & Finance
- Second Runner-up** – Agriculture & Plantation Management
- Fourth Place** – Livestock, Fisheries & Nutrition

### *Inter Faculty Fresher's Participation*

2014	FACULTY				TOTAL
	APM	AS	BSF	LFN	
<b>Men</b>	32	56	87	38	213
<b>Women</b>	54	55	55	51	215
<b>Total</b>	86	111	140	89	428
<b>Registered Amt. 2014</b>	142	163	438	125	872
<b>Participation Percentage</b>	61%	68%	32%	71%	49%



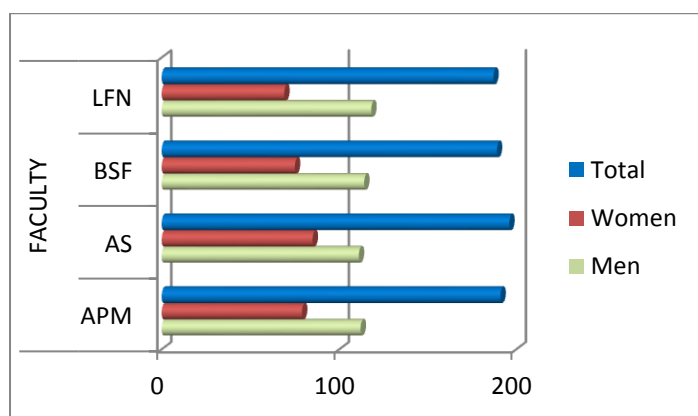
### 18.4.2 Inter Faculty Championships – 2014

Inter Faculty Championships was held on 20<sup>th</sup> October to 05<sup>th</sup> November August 2014 at University premises and Shilpa Shalika Sports Complex. Twenty three sports events were conducted including Swimming (M/W) & Track & field.

- |                        |                           |                      |
|------------------------|---------------------------|----------------------|
| 01. Badminton (M/W)    | 02. Basketball (M/W)      | 03. Carom (M/W)      |
| 04. Chess (M/W)        | 05. Cricket               | 06. Elle (M/W)       |
| 07. Football           | 08. Netball               | 09. Swimming (M/W)   |
| 10. Table Tennis (M/W) | 11. Track and Field (M/W) | 12. Volleyball (M/W) |
| 13. Weightlifting      |                           |                      |

#### Inter Faculty Participation 2014

2014	FACULTY				TOTAL
	APM	AS	BSF	LFN	
Men	112	111	114	118	455
Women	79	85	75	69	308
Total	191	196	189	187	763
Registered Amt. 2014	454	461	1521	420	2856
Participation Percentage	42%	42%	12%	44%	27%



The percentage of the total students participation for the Inter Faculty Championships, demarcate a value which nearly represent the total crowd engaging in sports activities in the University. When considering this amount it shows a low level.

The final results of the Inter Faculty Championships 2014 are as follows.

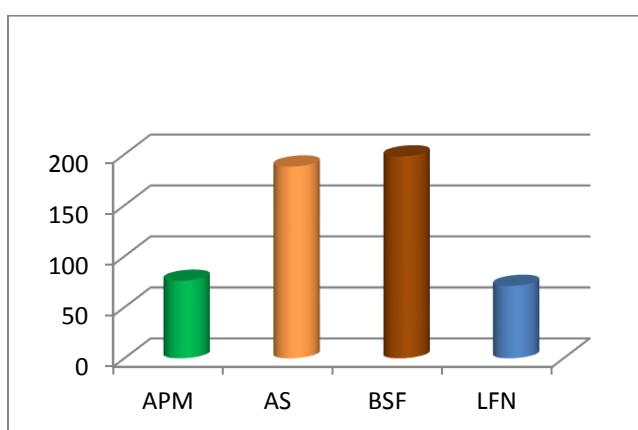
### ***Inter Faculty Final Result***

**Champion** – Business Studies & Finance

**First Runner-up** – Applied Sciences

**Second Runner-up** – Agriculture & Plantation Management

**Fourth Place** – Livestock, Fisheries & Nutrition



### **18.4.3 Inter University Championships**

The 37<sup>th</sup> Inter University Championships was organized by Sri Lanka Universities Sports Association (SLUSA) from 7<sup>th</sup> May to 31<sup>st</sup> August 2014. Twenty two sports events were organized at different Universities' premises and the Department of Physical Education of Wayamba University pioneered for organizing Inter University Table Tennis Championships. It was held on 24<sup>th</sup> and 25<sup>th</sup> September 2014 at the New Indoor Stadium of Wayamba University. And also Inter University Carom Championships was organized by Department of Physical Education on 28<sup>th</sup> and 29<sup>th</sup> June 2014 at Carom Federation of Sri Lanka.

## ***Achievements in Iinter University Championships – 2014***

Overall Achievement: 8<sup>th</sup> place among 14 Universities & 30 participated events.

### ***Individual Events***

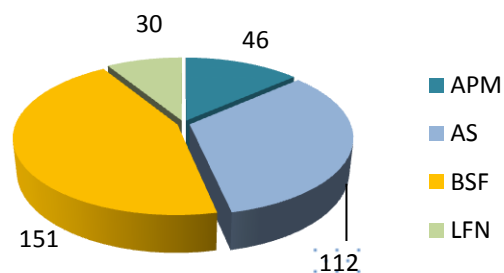
<b>Name</b>	<b>Event</b>	<b>Place</b>
H M V L Herath	Wresting 120kg category	Champion
K A H Anuruddika	Track & Field Disk Throw	Champion
D R S V Rajakaruna	Swimming(W) 50m Back Stroke	1 <sup>st</sup> Runner up
D R S V Rajakaruna	Swimming(W) 50m Back Stroke	1 <sup>st</sup> Runner up
D R S V Rajakaruna	Swimming(W) 50m Breast Stroke	2 <sup>nd</sup> Runner up
D M A S Bandara	Wrestling 55 kg category	2 <sup>nd</sup> Runner up
B A S A Thilakarathne	Wresting 74 kg Category	2 <sup>nd</sup> Runner up

### ***Team Events***

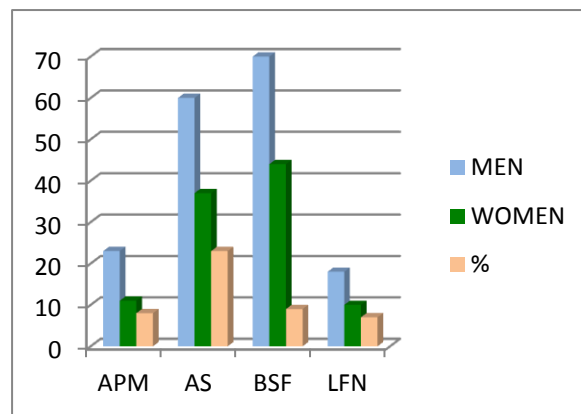
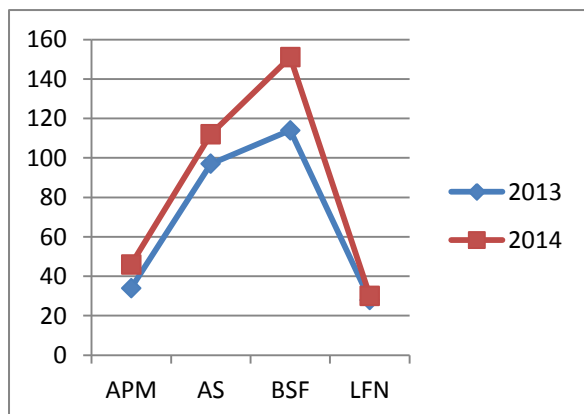
<b>Event</b>	<b>Place</b>
Elle (M)	1 <sup>st</sup> Runner up
Badminton(M/W)	Quarter Final
Football (M)	Quarter Final
Netball (W)	Quarter Final
Volleyball (M/W)	Quarter Final

### ***Inter University 2014 – Participations***

<b>2014</b>	<b>FACULTY</b>				<b>TOTAL</b>
	APM	AS	BSF	LFN	
<b>Men</b>	36	80	103	27	246
<b>Women</b>	10	32	48	03	93
<b>Total</b>	46	112	151	30	339
<b>Registered Amt. 2014</b>	454	461	1521	420	2856
<b>Participation Percentage</b>	10%	24%	10%	7%	12%



The Faculty of Applied Sciences has showed the highest participation percentage 24% while other three faculties having somewhat similar lower values.



### 18.5 Other Tournaments

During the reporting year, our students were participated for following outside tournaments in the purpose of enhance their experiences and abilities.

- UMiF Badminton Tournament - 2014, Organized by University of Moratuwa
- Several matches were organized at our University Premises.
- Mora Hockey 7'S Championship – 2014, Organized by University of Moratuwa
- 14<sup>th</sup> Mora Sevens Rugby Tournament – 2014, Organized by University of Moratuwa
- FASTERS Badminton Tournament – 2014, Organized by University of Kelaniya
- Pera Tagby Tournament – 2014, Organized by University of Peradeniya.
- Hockey 6'S Championship – 2014, Organized by University of Kelaniya.
- NWP All Island Badminton Championship 2014, Organized by NWP Badminton Association.
- Mora SMASHES Table Tennis Tournament 2014, Organized by University of Moratuwa
- Knockout Baseball Championship – 2014, Organized by Wayamba University of Sri Lanka.

### ***National Level***

- President Cup Carrom Championship – 2014 conducted by Carrom Federation Sri Lanka
- 45<sup>th</sup> National Carrom Championships – 2014, Organized by Carrom Federation Sri Lanka
- Mid-year Carrom Championships – 2014, Organized by Carrom Federation Sri Lanka
- 12<sup>th</sup> Open RANGERS Carrom Championships – 2014, Organized by Carrom Federation Sri Lanka
- Division iii Cricket Tournament – 2014 conducted by Kurunegala District Cricket Association
- Novices Weightlifting Championships – 2014, Organized by Weightlifting Federation of Sri Lanka
- Senior National Hockey Championships – 2014, Organized by Hockey Federation of Sri Lanka

## **18.6 Special Programs**

Our Department is committed to building a healthier and happier workforce to the society. Within that intends we offered some comprehensive programs for both students and the University staff.

### ***18.6.1 Orientation Program***

The orientation program was conducted for the new comers to deliver the idea on the scope of Department of Physical Education and further the vision and mission of the department, its career, accessibility in Physical Education activities and future benefits and trends in engaging sports activities in the University.

### ***18.6.2 Academic Supporting Workshop***

Our department conducted a Sport Science and Exercise workshop for third year Sport Nutrition students as requested by the Sport Nutrition department of faculty of Nutrition.

It was a very good opportunity to enhance knowledge relating to their academic subjects.



## 18.7 Financial Statements

### *Annual Expenses*

No	Description	Amount (Rs.)
1	Inter Faculty Fresher's Championships	44,880.00
2	Inter Faculty Championships	62,170.00
3	Inter University Championships	521,623.00
4	Sports Goods	7,632,600.00
5	Sports Wear	588,952.00
6	Practice & Practice Matches	50,385.00
7	Outside Tournaments	117,037.00
8	Petty Cash	25,295.00
9	Telephone Bills	27,992.00
10	SLUSA Subscription Fee	100,000.00
11	Visiting Instructors Fee	244,412.00
<b>Total Annual Expenses</b>		<b>9,415,346.00</b>

## 18.8 For a better future the facts should be considered

- Beginning of the academic activities in each faculties at a same time period
- Release the students from academic activities at least 4.30 pm
- Increase the level of support given by the academic staff to encourage the students for involving in sports activities
- Excuse for lectures when the students participate in physical education activities representing the University

## **19. Career Guidance Unit**

The Career Guidance Unit (CGU) of the Wayamba University of Sri Lanka was established on January, 2003 through the initiative of the University Grants Commission (UGC), Sri Lanka with the objectives of enhancing the quality of university students' professional skills and soft skills, whilst strengthening the link between university students and the corporate sector. Since the establishment, CGU has been organizing events, facilitating this purpose and the unit is functioning directly under the Vice-chancellor.

The Career Guidance Unit (CGU) assists students in making a successful transition from their academic pursuits to their career Goals. CGU strives to provide a well-balanced variety of direct services, educational programs, and resource materials so students may:

- secure meaningful employment
- obtain internships
- pursue additional education consistent with their career goals

Undergraduates who are selected to participate in the project will go through personal development programmes in the form of workshops and seminars on soft skills, entrepreneurship and other related areas, which are critical for their survival in the corporate world. Those who participate in these events only will be qualified for the Career Fair where both companies and students will meet in the form of personal interviews.

### **19.1 Vision**

Our vision is to empower and enhance our undergraduates to be qualitative with the necessary professional and soft skills to achieve optimal career opportunities of this complex world of work, which may bring them lifelong education, economic prosperity, mental stability and the social mobility as the final goal.

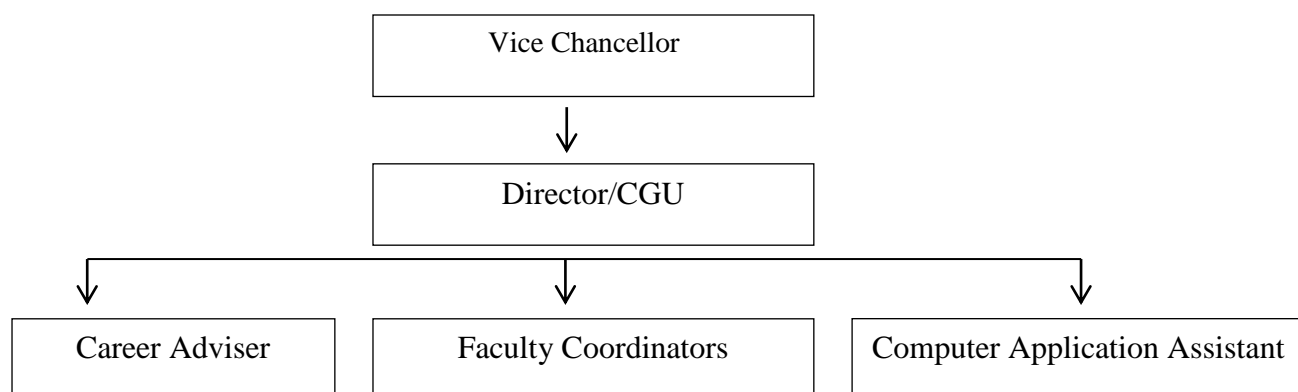
### **19.2 Mission**

We organize and provide the students, programs, facilitating them to improve their professional and soft skills while the links with the corporate are being developed, to bring them up as qualitative professionals to become dynamic global citizens.

### 19.3 Objectives

- To organize various activities such as seminars/ workshops/ lectures/ training for career development.
- To help students make appropriate and realistic career choices and career directions.
- To motivate youth to contribute towards development of education.
- To guide students to develop their academic career interest in line with their short or long term goals.
- To develop a database of online job training opportunities and job placement.
- To manage and providing information regarding scholarship/ training/ jobs and learning opportunities.
- To help students prepare for interview, CV preparation and develop their communication skills.

### 19.4 Our Organization Structure



#### 19.4.1 Staff Positions

Staff position	Name
Director of Career Guidance	Dr. D. C. Abeysinghe
Career Adviser	Mr. S. D. G. Jayasooriya
Computer Applications Assistant	Mr. N. P. S. Janakasiri

In addition, four Coordinators have been appointed from each faculty as follows

<b>Name of Coordinator</b>	<b>Name of the Faculty</b>
Dr. (Mrs.) N.R Abeynayake	Faculty of Agriculture & Plantation Management
Mr. D.M. Jayasena	Faculty of Applies Sciences
Mrs. W.A.D.K Jayendrika	Faculty of Business Studies & Finance
Mr. B.P.A Jayaweera	Faculty of Livestock, Fisheries & Nutrition

### **19.5 Training/Awareness Programmes Conducted during 2014**

The programmes conducted by the Unit during 2014 are given in Table 19.1.

Table 19.1

No	Programme	Resources & Technical collection	Focal Area	Target group	Date	Number of Participants	Venue
1	Art Workshop	Art Circle of the Faculty of Agriculture and Plantation Management	Employability skill enhancement	Art Circle Member of FAPM	11 <sup>th</sup> January 2014	15 Students	Makandura Premise
2	EDEX Career Exhibition	Royal Old Boys Association.	Career-related information provision	Undergraduates of Wayamba University	18 <sup>th</sup> January 2014	50 Students	BMICH – Colombo
3	Kawuluwa (Art Circle Programme)	Art Circle of the Faculty of Agriculture and Plantation Management.	Employability skill enhancement	Undergraduates of Makandura Premises	22 <sup>nd</sup> January 2014	500 Students	Makandura Premises
4	Workshop on Leadership, Life Skills and Career Development	Institute of Personal Management (IPM).	Employability skill enhancement / Counseling & Advising on Careers	Third year undergraduates of Makandura premises	02 <sup>nd</sup> February 2014	80 Students	Makandura Premises
5	Awareness Programme on Career Guidance	Dr. DC Abeysinghe / Director, Career Guidance Unit - WUSL	Career-related information provision	First year undergraduates of FAPM	06 <sup>th</sup> March 2014	110 Students	Makandura Premises
6	Out bound Training -- "Visiting Ancient Yapahuwa"	Dr. DC Abeysinghe / Director, Career Guidance Unit - WUSL	Employability Skills Enhancement	First year undergraduates of FAPM	26 <sup>th</sup> March 2014	130 Students	Yapahuwa Rock Area
7	Awareness Programme on Career Guidance	Dr.DC Abeysinghe Director, Career Guidance Unit - WUSL	Career-related information provision	First year undergraduates of FLFN	27 <sup>th</sup> March 2014	90 Students	Makandura Premises
8	Be Effective in Undergraduate Examination - FAPM	Dr. DC Abeysinghe / Director, Career Guidance Unit - WUSL	Employability Skills enhancement/Training, Research and Development	First year undergraduates of FAPM	02 <sup>nd</sup> April 2014	130 Students	Makandura Premise
9	Be Effective in Undergraduate Examination - FLFN	Dr. DC Abeysinghe / Director, Career Guidance Unit - WUSL	Employability Skills enhancement/Training, Research and Development	First year undergraduates of FLFN	28 <sup>th</sup> April 2014	100 Students	Makandura Premise

Table 19.1

10	Workshop on Colombo Stock Exchange - FBSF	Mr. Thusitha Meegahakumbura, The Manager, Colombo Stock Exchange Kurunegala Branch	Entrepreneurship skills development	Third year Undergraduates of FBSF	06 <sup>th</sup> May 2014	80 Students	Kuliyapitiya Premise
11	How to Success in Your Career	Mr. Mohan Palliyaguru Director Program Business Development Service Consultancy	Career-related information provision	First, Second & Third year Students	21 <sup>st</sup> May 2014	700 Students	Kuliyapitiya Premises
12	Workshop on Tea Tasting -	Mr. A Upali Premalal / Deputy General Manager Kahawaththa Plantation Plc.	Availing Work Experience / Training, Research and Development	Third Year Undergraduates of FAPM	09 <sup>th</sup> June 2014	32 Students	Makandura Premises
13	Direct Interview / COCA COLA	COCA COLA Company – Sri Lanka.	Availing Work Experience / Employability Skills Enhancement	Undergraduates in Wayamba University of Sri Lanka	11 <sup>th</sup> June 2014	20 Students	Makandura and Kuliyapitiya Premises
14	Out Bound Training / Leadership Development Camp – (FAPM & FLFN) – (HETC)	Mr. Mohan Palliyaguru, Director Program Business Development Service Consultancy.	Employability Skills Enhancement	First & Second year Undergraduates of FAPM & FLFN	12 <sup>th</sup> , 13 <sup>th</sup> and 14 <sup>th</sup> June 2014	100 Students	Out-bound training site in Pitabeddara – Akuressa
15	Workshop on Interview Facing & CV Writing	Ms. M Jifria / Director, Jobs For You (J4U)	Employability Skills enhancement	Third & Fourth year students of Makandura	18 <sup>th</sup> June 2014	130 Students	Makandura Premise
16	Out Bound Training / Leadership Development Camp – (FBSF & FAS) – (HETC)	Mr. Mohan Palliyaguru Director Program, Business Development Service Consultancy	Employability Skills Enhancement	First & Second year Undergraduates of FBSF & FAS	20 <sup>th</sup> , 21 <sup>st</sup> and 22 <sup>nd</sup> June 2014	100 Students	Scouting Camp Site in Meerigama

Table 19.1

17	Pragamanaya (Art circle programme)	Mr. Jayalath Manorathne.	Employability skill enhancement	Undergraduates of Makandura premises	23 <sup>rd</sup> July 2014	500 Students	Makandura Premises
18	How to Success in Your Career, OBT Certificate Awarding Ceremony	Mr. Mohan Palliyaguru Director Program, Business Development Service Consultancy	Career-related information provision	Undergraduates & Nonacademic Staff members	01 <sup>st</sup> October 2014	200	Makandura Premises
19	Upadhidari Vyaparika Udanaya Programme	Mr. Saman Wanasinge / Lecturer, ELT Unit, Colombo University.	Employability Skills enhancement	Undergraduates & Graduates of WYB	09 <sup>th</sup> October 2014	-	Makandura Premises
20	Workshop on CV Writing	Mr. Saman Wanasinge / Lecturer, ELT Unit, Colombo University	Employability Skills enhancement	Third & Forth year students of WYB	14 <sup>th</sup> October 2014	40 Students	Makandura Premises
21	Workshop on CV Writing & Interview Facing	Ms. M Jifria / Director, Jobs For You (J4U)	Employability Skills enhancement	Forth year students of FBSF	15 <sup>th</sup> October 2014	200 Students	Kuliyapitiya Premises
22	Preliminary Discussion with John Keells Foundation ( Soft Skills Development )	John Keells Foundation	-	All Deans & Career Guidance Coordinators	24 <sup>th</sup> October 2014	-	Kuliyapitiya Premises
23	Geesara Viyana (Musical Programme)	Mr. Dammika Bandara and Mr. Danister Perera	Employability Skills enhancement	Undergraduates of Kuliyapitiya Premise	18 <sup>th</sup> November 2014	500 Students	Kuliyapitiya Premises
24	Soft Skills Development Programme	John Keells Foundation	Employability skill enhancement / Career-related information provision	Third and Fourth Year Undergraduates of the University	20 <sup>th</sup> , 21 <sup>st</sup> and 22 <sup>nd</sup> November 2014	500 Students	Kuliyapitiya Premises
25	Awareness Programme on Career Guidance	Dr. DC Abeysinghe / Director, Career Guidance Unit - WUSL	Career-related information provision	First year undergraduates of FAPM	31 <sup>st</sup> December 2014	100 Students	Makandura Premises

## 19.6 Programme Summery of the year

CGU was able to conducted Twenty Five (25) activities for the students of four Faculties during the year 2014.

<b>Name of the Faculty</b>	<b>No. of activities conducted</b>
Faculty of Agriculture & Plantation Management	06
Faculty of Applied Sciences	00
Faculty of Business Studies & Finance	02
Faculty of Livestock, Fisheries& Nutrition	02
Two Faculties at Makandura premises	05
Two Faculties at Kuliyaipitiya premises	02
Four Faculties of the University	08
<b><i>Total</i></b>	<b>25</b>

## 19.7 Benefits and Opportunities for the participated students from our programmes in 2014

- Leadership Trainings
- Students Company Programs
- Out bound Training
- Industrial Training
- Job Placement
- CV Writing
- Personal Counseling
- Students Database
- Job Fair
- Personality / Attitude Development



## 19.8 Special Achievements in the year 2014

- Organized the Job fair at kuliyapitiya premise
- Participated for the EDEX Education fairs
- Conducted 25 programmes during the year

## 19.9 Programmed Developments for the year 2015

### ➤ *Human Resources Developments for the Staff of the CGU*

- Involving research activities
- Attending new training and development programmes
- Involving the higher education and field visits

### ➤ *Physical Resources Developments*

Item	Quantity
01. Colour Laser Printer	02
02. Camcorder	01
03. Laptop	10
04. UPS	03
05. Computer Table	20
06. Computer arm chair	20
07. Washroom	01
08. Books & Magazine for CGU Library	-
09. Steel Cupboard (6' X 4' X 1.5')	01

### ➤ *New Programmes for the Students*

- Mock interviews with digital recording
- Social responsibility programmes & Services
- Involving the field trip & researches
- Net working Students information
- Entrepreneurship development programmes
- Join with the Job recruitment agencies

## 19.10 Conclusion

Career Guidance Unit conducted Twenty Five (25) Programmes in the year 2014. From this programmes our students were able to increase their following personal skills.

- Innovative
- Enthusiastic
- Creative
- Flexible
- Resourceful
- Energetic
- Capable
- Honest
- Self-motivated
- Positive Attitude
- Tactful
- Responsible
- Enterprising
- Imaginative
- Disciplined
- Strong work ethic
- Sense of humor
- Enthusiastic

### 19.11 Total Expenditure for the all programmes for the year

No	Programme Name	CGU Allocation (Rs.)	HETC Fund. (Rs.)
1	Art Workshop	13,256	Non
2	EDEX Career Exhibition	Non	Non
3	Kawuluwa (Art Circle Programme)	10,456.00	Non
4	Workshop on Leadership, Life Skills and Career Development	61,200.00	Non
5	Awareness Programme on Career Guidance	Non	Non
6	Out bound Training – “Visiting Ancient Yapahuwa”	30,718.00	Non
7	Awareness Programme on Career Guidance	Non	Non
8	Be Effective in Undergraduate Examination - FAPM	Non	Non
9	Be Effective in Undergraduate Examination - FLFN	Non	Non
10	Workshop on Colombo Stock Exchange - FBSF	784	Non
11	How to Success in Your Career	864	Non
12	Workshop on Tea Tasting	6,307.00	Non
13	Direct Interview / COCA COLA	1,255.00	Non
14	Out Bound Training/Leadership Camp– (FAPM & FLFN)– (HETC)	Non	275,000.00
15	Workshop on Interview Facing & CV Writing	2,055.00	Non
16	Out Bound Training / Leadership Camp – (FBSF & FAS) – (HETC)	Non	275,000.00
17	Pragamanaya (Art circle programme)	14,975.00	Non
18	How to Success in Your Career, OBT Certificate Awarding	4,210.00	Non
19	Upadhidari Vyaparika Udanaya Programme	3,350.00	Non
20	Workshop on CV Writing	Non	Non
21	Workshop on CV Writing & Interview Facing	11,660.00	Non
22	Preliminary Discussion with John Keells Foundation	Non	Non
23	Geesara Viyana (Musical Programme)	8,600.00	Non
24	Soft Skills Development Programme	213,500.00	Non
25	Awareness Programme on Career Guidance	Non	Non
	<b>Total</b>	<b>383,190.00</b>	<b>550,000.00</b>

## **20. Information Communication Technology Center**

### **Kuliyapitiya Premises**

#### **20.1 Introduction**

Information Communication Technology (ICT) Center is the primary provider of computing and information technology resources, services, and support to Kuliyapitiya Premises of Wayamba University of Sri Lanka. It provides IT training programs for students, staff, and external professionals to improve demanding IT skills. It is committed to the support of academic activities by promoting on-campus information literacy, and by providing a suitable information technology environment. To ensure the smooth proceeding of educational and research activities, the center also offers comprehensive services using the latest advances in information technology. These services include running servers (mail, web, and LMS), maintaining the networks that form the university's IT infrastructure, promoting e-learning initiatives such as computerization of teaching materials and the use of learning management systems, and providing support to departments and units in order make their information and data available online.

#### **20.2 Training/ awareness programmes / Courses conducted**

- Diploma/ Advanced Certificate for internal students at Faculty of Applied Sciences.
- Certificate Course on IT for external applicants (fee levying)
- Diploma in Information Technology for external students (fee levying)
- Computer Awareness programme for Government Officers
- Conducted UCIT exams for the students of the two faculties of the Kuliyapitiya premises

#### **20.3 Laboratory facilities to FAS & FBSF**

The Center has three laboratories. The largest one occupies 40 PCs and other two laboratories contain 20 PCs in each. The laboratories are open from 8.00am to 8.00pm during the weekdays and 8.00am to 4.00pm on Saturdays.

#### **20.4 Budget**

Capital	-	1.2 Million
Recurrent	-	3.4 Million

## **20.5 Staff**

Systems Engineer	-	01
Instructor – Computer Technology	-	01
Lecturer (Probationary) - Computer Technology	-	03
Computer Applications Assistant	-	02
Lab Attendants	-	01
Labourer	-	01
Technical Officer	-	01

## **20.6 Progress during the year**

- Expanded the bandwidth for faster Internet access.
- Developed and maintained the University website
- Commenced a Diploma Programme for the external students
- Expansion of wireless network.

## **20.7 Constrains if any**

- Lack of Grants for providing infrastructure facilities for the staff
- Insufficient space to expand the Laboratory space in par with increase in student members.
- The center is located in a very old building that is not suitable for IT Center

## **20.8 Suggestions for further development**

- Since the building is very old and not suitable for the purpose, a new building is required for the ICT Center, Kuliypitiya.
- Introducing Learning Management System (LMS) for Academic staff.
- Workshop for outsiders.
- Expanding the laboratory area to compensate the increase in the student intake.
- Expanding the wireless network.
- Staff Training, Training students for General ICT Certification Test.

## **20.9 Any other relevant information**

Need to develop ICTC as a multi-service center which provides services to the University and also outsiders.

## **21. Information Communication Technology Center**

### **Makandura Premises**

#### **21.1 Introduction**

The ICT Centre of Makandura premises was established to cater the knowledge on Information Technology for students to meet the challenges in rapidly developing communication system in their relevant field. It will facilitate to acquire computer literacy and to perform their career hereafter.

The ICT Centre is continued to offer courses on Information Technology and Advanced Computer Applications to the Faculty of Agriculture and Plantation Management and course on Information Technology to the Faculty of Livestock, Fisheries and Nutrition. For statistics related courses conducted by the Departments are supported by the ICT Centre especially for practical. Further, two courses, Information Technology and e-Commerce and Management Information Systems are conducted to the students of External Degree of Plantation Management which is offered by the University. The Centre now expands its services by offering several IT related course for the benefit of the people in North-Western Province.

The ICT Centre is opened from 8.00 am to 8.00 pm in week days, 8.00 am to 5.00 pm on Saturdays. In examination period opening duration is 8.00 am to 10.00 pm on week days.

#### **21.2 Training/ Awareness Programmes conducted**

- Conducted One Day Workshop on "Computer Hardware Assembling" for DIT & CCAS students in March 2014
- Completed the fifth intake of Certificate Course in Computer Applications & Skills – May 2014
- Completed the third intake of Diploma in Information Technology – December 2014
- Completed three workshops on “Introduction of e-Learning System” under UDG/HETC project for student, staff and technical staff
- Completed two workshops on “Learning Management System Development” under UDG/HETC project for Academic staff
- Sixth intake of Certificate Course in Computer Applications & Skills was commenced in October 2014

- Fourth intake of Diploma in Information Technology was commenced in November 2014
- New ICT curriculum was introduced for both FAPM and FLFN undergraduates.
- A Need Analysis and Course Evaluation workshop was conducted with the staff, student and employers under HETC project.
- Two workshops on Operating Systems & Database Management Systems were conducted for the University Computer Applications Assistants and Technical Officers collaboratively with Staff Development Center.
- A Information Communication Technology workshop was conducted for Trainee IT Sailors of Naval & Maritime Academy of Sri Lanka on September 2014.
- A Networking workshop was conducted for Vocational trainees of Vocational Training Centers of Kurunegala District under Vocational Training Authority in December 2014.

### 21.3 Research Activities

#### *Two Publications:*

- (i) Weerasinghe, K.S., Richard L. Harkess and Andy D. Perkins. 2014. Development of an interactive online database for teaching plant materials. Wayamba International Conference (WinC), August 29-30, 2014, Kuliyaipitiya, NWP, Sri Lanka.
- (ii) Gajanayake, B., Kanchana S. Weerasinghe, and K.R.Reddy. 2014. Screening Garden Roses for easthetic quality and abiotic stress tolerance. Wayamba International Conference (WinC), August 29-30, 2014, Kuliyaipitiya, NWP, Sri Lanka.

### 21.4 Staff

Systems Engineer	-	01
Instructor – Computer Technology	-	01
Lecturer (Probationary) - Computer Technology	-	02
Computer Applications Assistant	-	01
Lab Attendants	-	01
Labourer	-	01
Technical Officer	-	01

- Dr. WJGKS Weerasingha returned after completing her Doctorate in May 2014
- Mr. HWH Premachandra was recruited as a Computer Instructor on contract basis with effect from 12<sup>th</sup> May 2014 for one year
- Service of Mr. SBMCP Herath was extended as the Computer Instructor on temporary basis with effect from 02<sup>nd</sup> December 2014 for one year
- Mr. HACK Jayathilake is on study leave from February 2014 for his doctorate

## **21.5 Budget**

2.0 Million was allocated for ICT Centre and used for computer upgrade.

11.5 Million was received for ICT Center and used for hostel computer labs, FAPM and FLFN Faculty Networks.

## **21.6 Progress during the Year**

- The University WiFi Network was extended utilizing the HETC Fund
- The University Network was extended to the New Student hostel
- One mini computer lab at new student hostel was implemented utilizing the HETC Fund
- Two mini computer labs at student hostels were upgraded utilizing the HETC Fund
- Anti-virus guard was deployed over the Makandura premises on April 2014
- The Internet Bandwidth was increased to 40Mbps from 10Mbps and link speed was increased to 100Mbps from 50Mbps
- 

## **21.7 Constraints if any**

- Inadequacy of physical space for computer labs
- Lecture halls and staff rooms are not available as required

## **21.8 Suggestions for further Developments**

A separate building for ICT Centre with 2000m<sup>2</sup> space.

## **21.9 Any other relevant Information**

Mr. WD Samanwickrama participated to the Annual NOC Meeting and Campus Network Design Workshop organized by NOC LEARN (January 2014).



## **22. English Language Teaching Unit – Kuliyaipitiya Premises**

### **22.1 Vision**

The vision of the ELTU is to be a premier English Language Teaching Center in the higher education sector of Sri Lanka

### **22.2 Mission**

The ELTU is on the mission to enhance language proficiency of the undergraduates by providing them with a wide assortment of teaching and learning opportunities that,

- foster listening, speaking, reading, writing and soft skills with great dexterity through an effective modus operandi,
- inspire students to become dynamic partakers in academic, social and professional communes, and
- facilitate to develop human resources with effective communication skills to meet the national development needs.

The English Language Teaching Unit – Kuliyaipitiya provides high quality academic English Language Skills required for its students to meet the challenges in their future careers and to develop honest, adaptable and product citizens to the country. It will be recognized for its outstanding courses, partnership and activities and it will articulate and promote interaction with society at large with a view to contributing towards the development of the Nation. The courses compatible to UTEL (University Test of English Language) standard and student centered teaching methods were introduced and the students were given more opportunities to take part in activities to improve English Language Proficiency and confidence during year 2014.

### **22.3 Staff of the Unit**

#### **Academic Staff of the Unit**

Mr. E. M. H. J. Edirisinghe – (Coordinator)

Mr. M. K. S. M. Samaranayake – Lecturer

Ms. W. S. A. Frenando – Lecturer

Mr. K. M. Dissanyake – Lecturer (on study leave)

### **Temporary instructors**

Ms. N.P.C.J.Wijewardhana

Ms. A. Priyadarshani

Ms. L. Jayawickrama

Mr. L. Bandaranayake

### **Non Academic Staff**

Ms. D. G. R. M. Wijesinghe (Computer Application Assistant)

Mr. W. P. D. Siriwardana (Office Assistant)

## **22.4 Academic Programmes Offered During 2014**

### **I) For the Faculty of Applied Sciences.**

- Intensive English Course for the new entrants.
- English Language Proficiency Course for the Level I students.
- English Language Proficiency Course for the Level II students.
- Certificate Course in Business English for the Level III students.
- Advanced English Proficiency Course for the Level III students.

### **II) For the Faculty of Business Studies and Finance.**

- Intensive English Course for the new entrants.
- English I Grammatical Foundation (ELTU 1110) – Year 01
- English II Composition (ELTU 1210) – Year 01
- Business Communication I (BSF 2131) – Year 02
- Business Communication II (BSF 2251) – Year 02

Apart from the language proficiency courses offered to the undergraduates, with a view to extend the service of the Wayamba University, a number of external courses and workshops were conducted during 2014 to the outside community. Organizing GCE O/L seminars and English Language proficiency workshops for the school children are some of them. The 8<sup>th</sup> intake of the one year Diploma in English course was completed for the outside community and 300 students got registered to follow the course.

Training on interview skills for the third year undergraduates, following the Certificate Course in Business English was organized with the help of outside experts in the field, and it was very useful to the students.

## **22.5 Extra Curricular Activities Planned and Conducted**

### **Activities Planned to be conducted under UDG Project.**

The following activities were planned with a view to improving the language proficiency and competency of the undergraduates.

- I. Revised English language syllabi.
- II. Upgraded the facilities at the language center of the ELTU
- III. Incorporating E- Learning into syllabi (one completed for the Certificate Course for Business English).
- IV. Organized two Teacher Training Programmes.
- V. Organized Language Camps for the weak students.
- VI. Organized English Day Competitions 2014.
- VII. Initiated Student Led Journal / Newsletter / Wallpaper.

## **22.6 Constraints**

Every year both faculties increase their annual intake and no new cadre has been created or new lecturers have been recruited to the ELTU since 2005. The Unit has been doing its best to improve the English language skills of the undergraduates in both Faculties with just three probationary lecturers to the satisfaction of the Faculties and it is because of our unreserved commitment and dedication to the duties expected by the ELTU. The need for more lecturers is highly felt and if new lecturers could be recruited, we would be able to render a better service to the Faculties and avoid a possible collapse of activities due to the dearth of permanent academic staff.

Also, the need for a technical officer for the language Laboratory should be paid immediate attention because the lack a Technical officer affects badly for the smooth function of the programmes carried out in the language center.

## **23. English Language Teaching Unit – Makandura Premises**

### **23.1 Introduction**

The English Language Teaching Unit (ELTU) conducts English courses for the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year students of the two faculties situated at Makandura. ‘Academic English’ course is offered to the 1<sup>st</sup> year students of the Faculty of Agriculture and Plantation Management and ‘English for Science’ course is offered to the 1<sup>st</sup> year students of the Faculty of Livestock, Fisheries and Nutrition. ‘Academic Writing’ course is offered to the 2<sup>nd</sup> year students of the Faculty of Agriculture and Plantation Management and ‘Academic English’ course was offered for the 2<sup>nd</sup> year students of the Faculty of Livestock, Fisheries and Nutrition. The ‘Certificate Course in Business English’ was offered for the students in the 3<sup>rd</sup> year 2<sup>nd</sup> semester of the Faculty of Agriculture and Plantation Management. The Intensive English Course for the new entrants to the University was held successfully for the students of both faculties at Makandura from February to April 2014.

### **23.2 Training and awareness programmes conducted**

The English Language Teaching Unit conducted the Language Camp in June 2014, “Voice it Out”, at Makandura premises. This was conducted by the staff of Makandura ELTU. 50 students participated from the Faculty of Livestock Fisheries and Nutrition in this one day programme. The University Test of English Language which was funded by the HETC project was held in 2014. The writing test and the online tests were held in July and the Speaking test was held in November. The ELTU Makandura facilitated the examiners came from other universities. All staff members of Makandura premises participated in the HETC organized curriculum revision workshops. A syllabus and teaching material were prepared according to the University Test of English language (UTEL) standards. Students from both faculties at Makandura premises participated in English day competitions. The instructors recruited to teach in the Intensive English Course were trained by the coordinator on methods used in English Language Teaching and several discussions were held on good practices in teaching. The ELTU held regular meetings to share knowledge and experiences of staff members. The certificate course in English through e-learning intake IV was started in October with 15 participants enrolled.

### **23.3 Staff position**

The ELTU consists of one permanent English Instructor and four English Instructors on temporary basis. The Unit also gets the service of one Visiting English Instructor. In addition, one Computer Application Assistant and a laborer are available in the English Language Teaching Unit at Makandura. Duty lists were prepared for the CAA and the labourer for the first time. This was done with instructions from the Registrar's office.

### **23.4 Progress during the year**

Faculty level English Day competitions were held and the students were encouraged to participate in the university level competitions. University Level competitions were held in the month of May. Many students were able to secure a place in the competitions. UTEL certificate awarding ceremony was held in June at the Hotel Galadari. All English programmes were conducted successfully. The Certificate Course in English through e Learning intake 3 for the external candidates was held at the Makandura premises. The Certificate Course in Business English was offered for the internal students of the Faculty of Agriculture and Plantation Management. The students who were interested participated in this course and got through the relevant examination.

The main entrance of the ELTU was ceremonially opened by Prof. S.J.B.A. Jayasekera, Vice Chancellor of the Wayamba University of Sri Lanka. On the same day, certificates were awarded to the participants of the Certificate Course in English through e Learning. The coordinator participated in the training programmes and curriculum revision meetings of the Faculty of Agriculture and Plantation Management. A new English curriculum was designed and it was approved by the faculty with its own revised curriculum.

### **23.5 Constraints if any**

The major constraint in the ELTU is the lack of permanent staff for teaching.

### **23.6 Suggestions**

The ELTU Makandura suggests recruiting staff on permanent basis to conduct classes. The Instructors at the ELTU need training on technical applications of e-learning programmes.

## **24. Medical Center**

There were two functioning Medical Centres in Wayamba University of Sri Lanka. The both Medical Centres in Kuliyaipitiya premises and Makandura premises played a key role in promoting health in Wayamba University in 2014 as it was done in 2013.

The staff of Kuliyaipitiya premises was the same as year 2013 which comprises of one Nurse, one Public Health Inspector, one Pharmacist, one Stenographer, one Attendant and one Laborer. Medical Centre in Makandura premises got the same staff without Stenographer.

Medical examinations were done by the Medical Officer on newly appointed staff members and the staff members who were needed extension of service.

Those with minor ailments, students and staff, were treated at University Medical Centre and those who in need specialized medical attention was referred to Base Hospital - Kuliyaipitiya.

There were many health promotion programs done in year 2014.

1. Well woman clinic and mass screening program for Non Communicable Disease.
2. Sterilization program for stray dogs.
3. Mosquito controlling program.

In general, the medical staff as a team was able to help the total University community both at Kuliyaipitiya and Makandura premises within its limits during the year 2014.

## 25. Details of Recurrent Expenditure

Subject	2013 Rs.	2014 Rs.
a. Personal Emoluments	386,682,763	467,368,504
b. Travelling	1,762,597	3,691,942
c. Supplies	30,631,815	35,804,775
d. Maintenance	9,551,845	15,219,804
e. Contractual Services	114,608,404	120,510,792
f. Other	17,779,217	28,229,796
<b>Total</b>	<b>561,016,641</b>	<b>670,825,613</b>

## 26. Details of Capital Expenditure

Subject	2013 Rs.	2014 Rs.
a. Acquisition of Furniture & Office Equipments	53,389,781	123,843,857
b. Acquisition of Machineries	-	-
c. Acquisition of Building & Structures	-	-
d. Acquisition of Land	4,013,750	7,000,000
e. Other (Books & Other Goods)	9,668,442	7,365,575
<b>Total</b>	<b>67,071,973</b>	<b>138,209,432</b>

## 27. Details of Financial Progress (Expenditure)

Subject	Provision in 2014 Rs.	Expenditure in 2014 Rs.	Savings /Excess Rs.
a. Recurrent except Project	708,000,000	670,825,613	37,174,387
b. Capital except Project	222,675,000	177,786,902	44,888,098
c. Project - Local Funded	455,000,000	441,144,104	13,855,896
d. Project - Foreign Funded	31,499,115	22,583,728	8,915,387
<b>Total</b>	<b>1,417,174,115</b>	<b>1,312,340,347</b>	<b>104,833,768</b>

## 28. Details of Financial Progress (Generated Income)

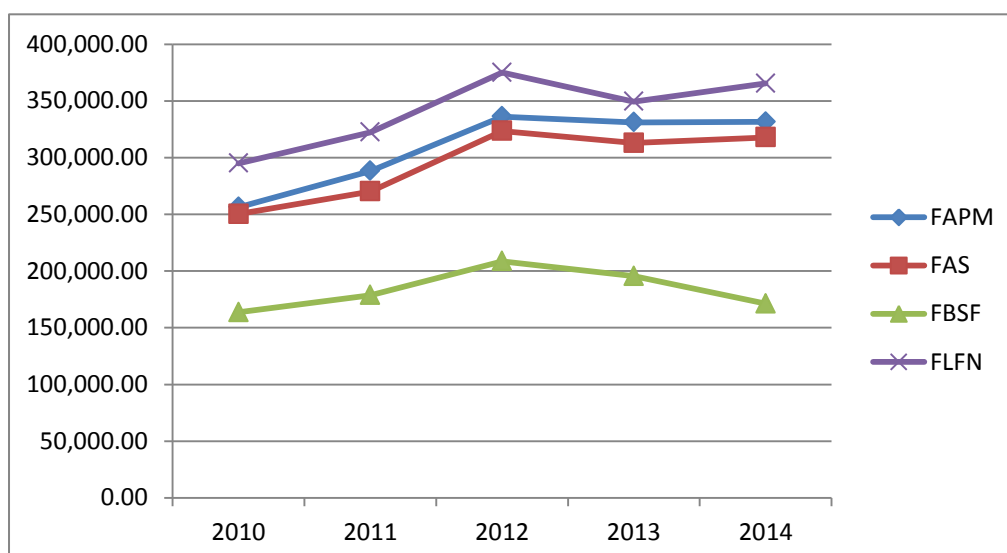
Source of Revenue	Provision in 2014 Rs.	Collection in 2014 Rs.	Deficit /Surplus Rs.
a. Undergraduate Studies	-	7,590,250	-
b. Postgraduate Studies	-	14,210,507	-
c. Consultancies	-	-	-
d. Other	-	64,598,889	-
<b>Total</b>	<b>-</b>	<b>86,399,646</b>	<b>-</b>

## 29. Financial Performance Analysis – 2014

Subject	Formula	Expenditure Per Student Rs.
a. Recurrent Expenditure per Student (RE)	RE / No. of Student strength	234,882.92
b. Capital Expenditure per Student (CE)	CE/ No. of Student strength	48,392.66
<b>Total</b>		<b>283,275.58</b>

## Cost per Student by Faculty 2010-2014 (including Mahapola & Bursary payments)

Faculty	Cost Per Student (Rs.)				
	2010	2011	2012	2013	2014
Agriculture & Plantation Management	256,350.77	288,119.98	336,214.07	331,148.20	331,530.51
Applied Sciences	250,292.34	270,115.82	323,446.62	312,817.53	317,772.87
Business Studies & Finance	163,537.26	178,654.05	208,554.66	195,487.07	171,190.70
Livestock, Fisheries & Nutrition	295,012.88	322,380.81	374,896.40	349,456.13	365,408.97





### 30.Details of Projects (Local Funded) - 2014

Name & Detail	Loan/Grant	Funding Agency	TCE Rs.	RFA Rs.	DF Rs.
Lecturer Theater (Stage II Phase I & Stage II Phase II) – Faculty of Applied Sciences, Kuliyaipitiya	-	GOSL	118,200,000	-	-
Lecturer Theater (Stage II Phase I & Stage II Phase II) - Faculty of Livestock, Fisheries & Nutrition, Makandura	-	GOSL	97,000,000	-	-
Health Centre Stage II - Kuliyaipitiya	-	GOSL	17,500,000	-	-
Health Centre Stage I- Makandura	-	GOSL	7,500,000	-	-
Lecturer Theater Stage I – Faculty of Business Studies & Finance, Kuliyaipitiya	-	GOSL	165,000,000	-	-
Bachelor Staff Quarters for Academic Staff, Makandura	-	GOSL	49,000,000	-	-
Bachelor Staff Quarters for Academic Staff, Kuliyaipitiya	-	GOSL	49,000,000	-	-
Lecturer Theater Stage II – Faculty of Agriculture & Plantation Management Makandura	-	GOSL	125,000,000	-	-
Hostel Stage IV- Kuliyaipitiya	-	GOSL	69,000,000	-	-
Hostel Stage V- Makandura	-	GOSL	69,000,000	-	-
Hostel Stage VI- Makandura	-	GOSL	69,000,000	-	-
Access Road to Makandura Premises	-	GOSL	23,400,000		
Improvement of Play Ground, Kuliyaipitiya	-	GOSL	50,000,000		
Faculty Building Stage III - Faculty of Livestock, Fisheries & Nutrition, Makandura	-	GOSL	169,500,000		
Health Centre Stage II- Makandura	-	GOSL	17,500,000		
Lecturer Theater (Stage III-Final) – Faculty of Applied Sciences, Kuliyaipitiya	-	GOSL	367,000,000		
Administration Building Stage II- Kuliyaipitiya	-	GOSL	100,000,000		
Canteen Block Stage I - Kuliyaipitiya	-	GOSL	45,000,000		
Gymnasium	-	GOSL	250,000,000		
Auditorium	-	GOSL	205,000,000		
Nano Technology Laboratory	-	GOSL	30,000,000		

### 31. Details of Project Expenditure (Local Funded)

Name	TCE Rs.	Exp in 2013 Rs.	Exp in 2014 Rs.	Cumulative Exp as at 31.12.2014	% of Physical Progress
<b>Construction Projects-Continuation</b>					
Faculty Building Stage II (Phase I&II) Faculty of Applied Sciences	118,200,000	2,849,595	47,284,970	50,134,565	100%
Faculty Building Stage I, Faculty of Business Studies & Finance	165,000,000	27,775,426	-	96,242,202	100%
Health Centre Stage I- Makandura	7,500,000		2,964,679	8,142,314	100%
Health Centre Stage II- Kuliyaipitiya	17,500,000	4,013,960	94,548	5,965,424	100%
Bachelor Staff Quarters for Academic Staff, Kuliyaipitiya	49,000,000	1,891,645	2,161,645	12,586,811	
Access Road Stage I -Makandura	23,400,000	15,618,632	4,199,396	19,818,028	100%
Bachelor Staff Quarters for Academic Staff, Makandura	49,000,000	16,042,762	-	21,267,670	100%
Faculty Building Stage II Faculty of Agriculture & Plantation Management, Makandura	125,000,000	21,789,729	21,480,880	147,599,501	100%
Administration Complex- Kuliyaipitiya	-	-	3,255,000	88,568,297	100%
Hostel Stage IV- Kuliyaipitiya	69,000,000	18,642,177	8,718,999	50,217,169	100%
Hostel Stage V, VI- Makandura	69,000,000	16,067,689	32,068,475	70,125,622	100%
Planting of Grass & other improvement of the Playground – Kuliyaipitiya	50,000,000	7,578,665	6,132,118	22,925,024	65%
Faculty Building - Faculty of Livestock, Fisheries & Nutrition, Makandura	169,500,000	27,416,906	19,717,982	47,822,850	-
Canteen Block Stage I - Kuliyaipitiya	45,000,000	-	10,998,441	10,998,441	85%
<b>Dayata Kirula Projects</b>					
Gymnasium	250,000,000	42,499,680	62,856,010	105,355,690	100%
Auditorium	205,000,000	24,776,786	206,121,681	230,898,467	100%
Nano Technology Laboratory	30,000,000	2,993,304	13,089,275	16,082,579	95%
<b>Total</b>		<b>229,956,956</b>	<b>441,144,099</b>	<b>1,004,750,653</b>	

## 32. Details of Infrastructure Facilities Received in 2014

Infrastructure Details	Expenditure Rs.	Physical Progress
Faculty Building - Faculty of Livestock, Fisheries & Nutrition Stage II (Phase I) Stage II (Phase II)	0 4,020,000	100%
Faculty Building - Faculty of Applied Sciences Stage II (Phase I) Stage II (Phase II)	1,210,000 800,000	100%
Faculty Building - Faculty of Agriculture & Plantation Management (Stage II)	21,480,000	100%
Faculty Building – Faculty of Business Studies & Finance (Stage I)	13,400,000	100%
Health Center Stage I, Makandura	2,310,000	100%
Health Center Stage II, Kuliyaipitiya	0	100%
Bachelor Staff Quarters for Academic Staff, Makandura	0	100%
Bachelor Staff Quarters for Academic Staff, Kuliyaipitiya	0	75%
Hostel Stage IV, Kuliyaipitiya	5,660,000	100%
Hostel Stage V, Makandura	19,290,000	100%
Hostel Stage VI, Makandura	12,780,000	100%
Access Road to Makandura Premises	4,040,000	100%
Improvement of Play Ground, Kuliyaipitiya	6,130,000	75%
Faculty Building Stage III - Faculty of Livestock, Fisheries & Nutrition, Makandura	8,950,000	25%
Health Center Stage II, Makandura	3,690,000	30%
Lecture Theater – Faculty of Applied Sciences (Stage III – Final) , Kuliyaipitiya	40,670,000	20%
Administration Building Stage II, Kuliyaipitiya	19,210,000	-
Canteen Block Stage I, Kuliyaipitiya	10,990,000	85%
Gymnasium	51,590,000	100%
Auditorium	168,180,000	100%
Nano Technology Laboratory	8,820,000	95%

**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

**THE STATUTORY REPORT ON FINANCIAL STATEMENT AND THE**  
**ANNUAL STATEMENT OF ACCOUNTS OF THE WAYAMBA UNIVERSITY**  
**OF SRI-LANKA FOR THE YEAR 2014 IN KEEPING WITH THE**  
**REQUIREMENT SPECIFIED IN SECTION 13(6) OF THE FINANCE ACT**  
**NO.38 OF 1971.**

1. These accounting statements have been prepared and submitted in terms of Sections 106 (1) and 107 (b) of the Universities Act No.16 of 1978 and amendments incorporated into it thereafter and in terms of the Finance Act No. 38 of 1971.
  - (i) The presentation and interpretation of accounts have been done by maintaining consistency and adhering Sri Lanka Accounting Standards for public sector organization and generally accepted Accounting practices which are usually followed in presenting Annual Statement of Accounts of a University.

**A FINANCIAL HIGHLIGHTS**

**(1) Govt. Grants**

		2014	2013
Government Grant for Recurrent Expenditure	Rs.	683,346,522	536,532,163
Government Grant for Mahapola Scholarship	Rs.	26,053,650	16,271,250
Government Grant for Bursary	Rs.	13,981,700	16,145,800
Recurrent Grant ( Capital Nature)	Rs.	2,773,842	
Capital 101 Rehabilitation & Improvement	Rs.	37,500,000	33,800,000
Capital 102 Acquisition of Assets	Rs.	142,575,000	65,300,000
Capital 103 Construction Projects	Rs.	443,000,000	255,250,000
Other Capital Grant	Rs.	25,324,867	800,000
	Rs	1,374,555,581	924,099,213

**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

<u>Postgraduate Courses</u>		2014	2013
MBA Programme - BSF	Rs.	10,304,590	7,940,000
Postgraduate Diploma - BSF	Rs.	3,905,917	9,642,200
<u>External Degree Courses</u>			
External Degree in Plantation Mgt. - Makandura	Rs.	7,590,250	5,470,300
<u>Diploma Courses</u>			
Diploma in English	Rs.	7,848,133	9,753,200
Diploma in Insurance -- BSF	Rs.	6,087,500	4,732,500
Higher Diploma In Insurance	Rs.	2,197,000	1,619,000
<u>Certificate Courses</u>			
Certificate in Information Technology - Kuliyaipitiya	Rs.	237,800	550,600
External Computer Course - Makandura	Rs.	3,794,600	4,753,300
<u>Research Grants</u>			
NSF Grant	Rs.	8,924,055	3,697,000
IUCN Project	Rs.	-	-
CARP Project	Rs.	1,644,536	-
SANDEE	Rs.	1,070,268	-
U.G.C ( P.G.R )	Rs.	755,006	-
Innovative Research Grant	Rs.	3,593,312	-
NCAS Grant	Rs.	1,500,000	-
<u>Other Grants</u>			
IDRC	Rs.	17,282,354	20,904,248
Staff Development Activities	Rs.	2,000,000	-
WINC	Rs.	7,664,325	-
<b>TOTAL</b>	<b>RS.</b>	<b>86,399,646</b>	<b>69,062,048</b>

- (2) Excess of Income over Expenditure in the year 2014 was Rs. (101,915,818.73) where as this figure for the year 2013 was Rs. (135,852,594.55). This is mainly due to the accounting treatment of Depreciation.
- (3) Balance to be recovered from the loans and advances paid to employees for this University is Rs. 45,633,554.94 where as the last year Rs. 27,861,660.21
- (4) The value of the restricted funds invested by the University as at the date of the Balance Sheet was Rs. 39,391,173.23 where as the amount for the year 2013 was Rs. 22,696,269.16

**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

(5) Internal Source of Income

2013 Rs.	2014 Rs.	Change Rs.	Change as a %
9,595,083.80	16,451,043.70	6,855,959.90	71.45 %

a. Closing balances of the Bank Accounts maintained by the University as shown in the balance sheet have been reconciled with the relevant cash books. The respective Banks were requested to send in their confirmation of balances direct to the Auditor General. This amount is equal to the short term commitments.

b. The stock value shown in the Balance Sheet amounting to Rs. 22,958,427.26 was arrived on physical verification of stores. This verification was done in order to establish the ownership, existence and the value of the items including the manner in which the accounting records are maintained for stock items. Verified balances of Stocks have taken into Books of Accounts

c. The value of work in progress as shown in the Balance Sheet was Rs. 606,404,460.49 Valuation of work in progress was also carried out in keeping with the Sri Lanka Accounting Standards.

d. The balance shown in the General Reserve for the year 2014 is Rs. 948,026,343 when compared to Rs. 846,625,186.66 for the year 2013. This is a result of adjustments made in respect of depreciation and gratuity in the General Reserve Accounts as shown in the Balance Sheet. However, it is necessary to note the following information in respect of the depreciation account for the year 2014.

Application of the concept of depreciation in Annual Accounts, as given in the UGC Circular No.649 of 5th October, 1995 is followed in the year under review. The total Depreciation value for the year 2014 is Rs. 130,977,795.83

e. The provision of Rs. 89,904,407.50 is made for retirement gratuity as at 31<sup>st</sup> December, 2014. The provisions are made according to the gratuity act and the directives given by the University Grants Commission. An equal investment for this provision is unavailable.

**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

**B BUDGETARY CONTROL**

The Programme Budget was used as an effective Financial Management tool during the year.

**C. PROPERTY PLANT & EQUIPMENT**

**FIXED ASSETS REGISTER**

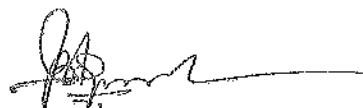
The exercise which was undertaken by the University to update the Fixed Assets Registers is in progress.

**D. RECONCILIATION OF CONTROL ACCOUNTS**

All control accounts have been reconciled and the detail schedules are prepared and submitted along with the financial statement

**GENERAL**

In conclusion, I must state that the University was confronted with many difficulties as a result of price escalations and numerous other uncontrollable factors during the year 2014. However, despite all these obstacles the university endeavored in every possible manner to shoulder the responsibility to successfully achieve its goals in academic and non-academic programmes of higher education plan for the year 2014.



**PROF. S.J.B.A. JAYASEKARA**

Vice Chancellor, Wayamba University of Sri-Lanka.

24<sup>TH</sup> February, 2015.

VICE-CHANCELLOR  
WAYAMBA UNIVERSITY OF SRI LANKA  
KULIYAPITIYA

**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

**WAYAMBA UNIVERSITY OF SRI LANKA**

**STATEMENT OF FINANCIAL POSITION AS AT 31ST DECEMBER 2014**

Rs' 000

		<b>AS AT 31 ST DECEMBER 2014</b>	<b>AS AT 31 ST DECEMBER 2013</b>
<b>ASSETS</b>			
<b>Current Assets</b>	<b>Note</b>		
Cash at Bank	1	95,444	59,274
Savings Deposit	2	919	376
Trade and Other Receivables	3	1,852	1,088
Inventories/ Stocks	4	22,958	22,729
Prepayments		2,877	2,151
Advances to Staff	5	387	595
Capital Advances	6	144,650	173,754
Advances for Services & Supplies	7	884	2,252
Other Current Assets	8	6,894	6,723
		276,865	268,942
<b>Non-Current Assets</b>			
Investments- Long Term	9	39,391	22,696
Property, Plant and Equipment	10	1,156,324	957,663
Work in Progress	11	606,404	291,448
Loans to Staff	12	45,247	27,267
		1,847,366	1,299,074
<b>Total Assets</b>		2,124,231	1,568,016
<b>LIABILITIES</b>			
<b>Current Liabilities</b>			
Sundry Creditors	13	12,231	23,729
Deposits	14	1,153	2,269
Expense Creditors	15	18,208	22,868
Others	16	119,737	110,654
		151,329	159,520
<b>Non-Current Liabilities</b>			
Capital -Spent Capital Grant		1,949,564	1,631,610
Capital -Spent Grant/ Work In Progress		606,404	291,448
Unspent Capital Grant	17	12,754	39
Special Grant		200,790	200,373
Endowment Fund	18	763	666
Special Fund	19	26,533	21,729
Provision for Gratuity		89,904	75,041
		2,886,712	2,220,906
<b>Total Liabilities</b>		3,038,041	2,380,426
<b>Total Net Assets</b>		(913,810)	(812,410)



**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

**WAYAMBA UNIVERSITY OF SRI LANKA**

**STATEMENT OF FINANCIAL POSITION AS AT 31ST DECEMBER 2014**

Rs' 000

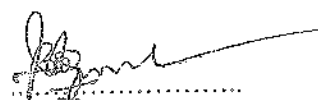
		<b>AS AT 31 ST DECEMBER 2014</b>	<b>AS AT 31 ST DECEMBER 2013</b>
<b>ASSETS</b>			
<b>Current Assets</b>	<b>Note</b>		
Cash at Bank	1	95,444	59,274
Savings Deposit	2	919	376
Trade and Other Receivables	3	1,852	1,088
Inventories/ Stocks	4	22,958	22,729
Prepayments		2,877	2,151
Advances to Staff	5	387	595
Capital Advances	6	144,650	173,754
Advances for Services & Supplies	7	884	2,252
Other Current Assets	8	6,894	6,723
		276,865	268,942
<b>Non-Current Assets</b>			
Investments- Long Term	9	39,391	22,696
Property, Plant and Equipment	10	1,156,324	957,663
Work in Progress	11	606,404	291,448
Loans to Staff	12	45,247	27,267
		1,847,366	1,299,074
<b>Total Assets</b>		2,124,231	1,568,016
<b>LIABILITIES</b>			
<b>Current Liabilities</b>			
Sundry Creditors	13	12,231	23,729
Deposits	14	1,153	2,269
Expense Creditors	15	18,208	22,868
Others	16	119,737	110,654
		151,329	159,520
<b>Non-Current Liabilities</b>			
Capital -Spent Capital Grant		1,949,564	1,631,610
Capital -Spent Grant/ Work In Progress		606,404	291,448
Unspent Capital Grant	17	12,754	39
Special Grant		200,790	200,373
Endowment Fund	18	763	666
Special Fund	19	26,533	21,729
Provision for Gratuity		89,904	75,041
		2,886,712	2,220,906
<b>Total Liabilities</b>		3,038,041	2,380,426
<b>Total Net Assets</b>		(913,810)	(812,410)

**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

Statement Of Financial Position Contd... From Page 12

Rs' 000

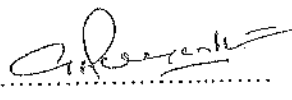
	AS AT 31ST DECEMBER 2014		AS AT 31ST DECEMBER 2013	
<b>NET ASSETS/ EQUITY</b>				
Accumulated Fund	(948,026)		(846,626)	
Reserves	<u>34,216</u>	(913,810)	<u>34,216</u>	(812,410)
<b>Total Net Assets/ Equity</b>		<u>(913,810)</u>		<u>(812,410)</u>



(Prof. S.J.B.A. Jayasekara)  
Vice Chancellor

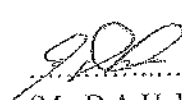
VICE-CHANCELLOR  
WAYAMBA UNIVERSITY OF SRI LANKA  
KULIYAPITIYA

24th February, 2015



(Mr. G. Piyaratne)  
Registrar

G. Piyaratne  
Registrar  
Wayamba University of Sri Lanka  
Kuliyapitiya.



(Mr. D.A.U. Dharmadasa)  
Bursar

BURSAR  
WAYAMBA UNIVERSITY OF SRI LANKA  
KULIYAPITIYA.

**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

**WAYAMBA UNIVERSITY OF SRI LANKA**

**STATEMENT OF FINANCIAL PERFORMANCE FOR THE YEAR ENDED**  
**31ST DECEMBER 2014**

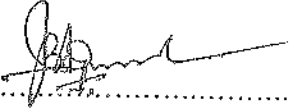
	<b>THIS YEAR</b> <b>2014</b> (Rs.'000)	<b>LAST YEAR</b> <b>2013</b> (Rs.'000)
<b>Revenue</b>		
Government Grant for Recurrent Expenditure	683,346	536,532
Government Grant for Students Bursaries	13,982	16,146
Government Grant for Mahapola Scholarships	26,053	16,271
Recurrent Grant ( Capital Nature)	2,774	1,119
Interest from Investments	1,506	34
Interest from Loans to Staff	1,227	1,057
Rent from Properties	1,116	808
Sale of Old Stores	291	1,621
Sale of Produce	504	642
Miscellaneous Receipts	9,299	3,530
Registration Fee (Under Graduate)	2,325	1,730
Examination Fee (Under Graduate)	55	62
Library Fines	129	111
<b>Total Revenue</b>	<b>742,607</b>	<b>579,663</b>
<b>Expenses</b>		
Personal Emoluments (Note 01)	467,368	386,683
Traveling	3,692	1,763
Supplies & Consumable used	35,805	30,632
Maintenance	15,220	9,552
Contractual Services	120,511	114,608
Depreciation	130,887	120,963
Other Expenses	28,230	17,779
Mahapola & Bursary Payments	40,035	32,417
Capital Expenditure (Recurrent Nature)	2,774	1,119
Finance Cost	-	-
<b>Total Expenses</b>	<b>844,522</b>	<b>715,516</b>
<b>Surplus/ (Deficit) for the period</b>	<b>(101,915)</b>	<b>(135,853)</b>

( contd...)

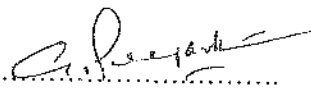
**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

Statement of Financial Performance Cont. from page 14

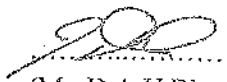
	<b>THIS YEAR 2014 (Rs.'000)</b>	<b>LAST YEAR 2013 (Rs.'000)</b>
Balance Brought Forward from Previous Year	(846,626)	(712,426)
Deficit for the Year	(101,915)	(135,853)
Add : Income in Respect of Past Year		
Other Adjustments	515	1,653
Less : Payment in Respect of Past Year		
Other Adjustments		
General Reserve C/F	<u>(948,026)</u>	<u>(846,626)</u>
 <b>Note 01</b>		
Salaries & Wages	182,270	173,101
Overtime & Holiday Pay	13,439	11,517
Other Allowances	200,814	144,539
Retirement Benefits (UPF, ETF, Pension, Gratuity)	70,845	57,526
Total Personal Emoluments	<u>467,368</u>	<u>386,683</u>

  
.....  
(Prof. S.J.B.A. Jayasekara)  
Vice Chancellor

VICE-CHANCELLOR  
WAYAMBA UNIVERSITY OF SRI LANKA  
KULIYAPITIYA

  
.....  
(Mr. G. Piyaratne)  
Registrar

G Piyaratne  
Registrar  
Wayamba University of Sri Lanka  
Kuliyapitiya.

  
.....  
(Mr. D.A.U.Dharmadasa)  
Bursar

BURSAR  
WAYAMBA UNIVERSITY OF SRI LANKA  
KULIYAPITIYA.

24th February, 2015

**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

**WAYAMBA UNIVERSITY OF SRI LANKA**

**STATEMENT OF CHANGES IN NET ASSETS FOR THE YEAR ENDED  
31ST DECEMBER 2014**

	Grant	Reserve	Restricted	Rs' 000 Total
Balance as at 31/12/2009	1,094.54	(322.32)	38.52	810.74
Increase of Government grant/other grants for the year 2010	220.33		6.86	227.19
Deficit for the year 2010		(130.51)		(130.51)
Balance as at 31/12/2010	1,314.87	(452.83)	45.38	907.42
Increase of Government grant/other grants for the year 2011	180.88		16.60	197.48
Deficit for the year 2011		(100.27)		(100.27)
Balance as at 31/12/2011	1,495.75	(553.10)	61.98	1,004.63
Increase of Government grant/other grants for the year 2012	267.73		17.72	285.45
Deficit for the year 2012		(125.11)		(125.11)
Balance as at 31/12/2012	1,763.48	(678.21)	79.70	1,164.96
Increase of Government grant/other grants for the year 2013	359.99		17.74	377.73
Deficit for the year 2013		(134.20)		(134.20)
Balance as at 31/12/2013	2,123.47	(812.41)	97.44	1,408.50
Increase of Government grant/other grants for the year 2014	646.04		19.76	665.81
Deficit for the year 2014		(101.40)		(101.40)
Balance as at 31/12/2014	2,769.51	(913.81)	117.20	1,972.90

**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

**WAYAMBA UNIVERSITY OF SRI LANKA**

**CASH FLOW STATEMENT FOR YEAR ENDED 31ST DECEMBER 2014**

	As At 31/12/2014	As At 31/12/2013
	Rs.' 000	Rs.' 000
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Surplus /(deficit) from ordinary activities	(101,915)	(135,853)
<b>Add : Non- cash movements</b>		
Depreciation	130,887	120,963
Provision for Gratuity	17,267	11,196
Gratuity Paid	(2,404)	(2,927)
Prior Year Adjustments - Payment in respect of past years	515	1,653
Increase / Decrease In Stocks	(229)	(5,213)
Increase / Decrease In Debtors	(764)	(89)
Increase / Decrease In Loans to Staff	(17,980)	(1,717)
Increase / Decrease In Advances to Staff	208	372
Increase / Decrease In Supplies & Services Advances	1,368	(1,111)
Increase / Decrease In Prepayments	(726)	(810)
Increase / Decrease In Capital Advances	29,104	(113,843)
Increase / Decrease In Other Current Assets	(171)	(1,788)
Increase / Decrease In Sundry Creditors	(11,498)	9,748
Increase / Decrease In Deposits	(1,116)	(622)
Increase / Decrease In Expense Creditors	(4,660)	8,496
Increase / Decrease In Other Current Liabilities	9,083	61,517
<b>Net cash flows from operating activities</b>	<b>46,969</b>	<b>(50,028)</b>
<b>Net cash flows from operating activities</b>	<b>46,969</b>	<b>(50,028)</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Addition to property plant and Equipment	(329,548)	(100,561)
Restricted Fund Investments	(16,695)	(5,854)
Working Progress	(314,957)	(182,444)
Saving deposits	(543)	(34)
Endowment Fund	97	270
<b>Net cash flows from Investing Activities</b>	<b>(661,646)</b>	<b>(288,623)</b>

**WAYAMBA UNIVERSITY OF SRI LANKA**  
**FINANCIAL STATEMENTS 2014**

(Continue from previous page 17)

	As At 31/12/2014	As At 31/12/2013
	Rs.'000	Rs.'000
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
Capital Grant : Rehabilitation & Improvements	37,500	32,000
Capital Grant : Acquisition of Assets	142,575	65,300
Capital Grant : Permanent Structures	443,000	255,250
Capital Grant : Others	8,600	2,600
Other Grant : Extension Programmes	16,725	5,637
Special Reserve	4,804	9,199
Capital Grant for Recurrent Nature	(2,774)	(1,119)
Special Grants	417	326
<b>Net Cash flows from financing activities</b>	<b>650,847</b>	<b>369,193</b>
<b>Net increase/ (decrease) in cash and cash equivalents</b>	<b>36,170</b>	<b>30,542</b>
<b>Cash and cash equivalents at beginning of period</b>	<b>59,274</b>	<b>28,732</b>
<b>Cash and cash equivalents at end of period</b>	<b>95,444</b>	<b>59,274</b>

	As at 31/12/2014	As at 31/12/2013
<b>Analysis Of Cash &amp; Cash Equivalents</b>		
People's Bank Kuliyapitiya - A/C No :028100151586123	14,085	15,904
People's Bank Makandura - A/C No :100120000171	12,636	9,460
People's Bank Makandura - A/C No :100140000165	346	304
Bank Of Ceylon Kuliyapitiya - A/C No :0002874770	11,943	10,985
Bank Of Ceylon Kuliyapitiya - A/C No :00001473507	14,725	6,933
Bank Of Ceylon Kuliyapitiya - A/C No :0001473508	3,647	738
Bank Of Ceylon Kuliyapitiya - A/C No :0001473388	12,626	39
People's Bank Makandura - A/C No :100120000963	6,155	4,240
People's Bank - Makandura - A/C No : 100130041538	801	1,027
People's Bank - Makandura - A/C No : 100140044857	18,349	9644
People's Bank - Makandura C/A 137100230000165	131	
	<b>95,444</b>	<b>59,274</b>



# විගණකාධිපති දෙපාර්තමේන්තුව

## கணக்காய்வாளர் தலைமை அபிபதி திணைக்களம்

### AUDITOR GENERAL'S DEPARTMENT



මගේ අංකය  
எனது இல.  
My No.

NW/PTB/WU/1/14/45

ඔබේ අංකය  
உமது இல.  
Your No.

දිනය  
திகதி  
Date

14 September 2015

The Vice Chancellor,

Wayamba University of Sri Lanka.

Report of the Auditor General on the Financial Statements of the Wayamba University of Sri Lanka for the year ended 31 December 2014 in terms of Section 108(1) of the Universities Act, No.16 of 1978.

The audit of financial statements of the Wayamba University of Sri Lanka for the year ended 31 December 2014 comprising the statement of financial position as at 31 December 2014 and the statement of financial performance, statement of changes in net assets 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 13 (1) of the Finance Act, No.38 of 1971 and Sub-section 107(5) and Section 108 of the Universities Act, No. 16 of 1978. My comments and observations which I consider should be published with the Annual Report of the University in terms of Sub-section 108(1) of the Universities Act, appear in this report. A detailed Report in terms of Sub-section 108(2) of the Universities Act, will be furnished to the Vice Chancellor of the University in due course.

#### 1.2 Management's Responsibility for the Financial Statements

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





### 1.3 Auditor's Responsibility

---

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

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgments, 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 financial statements. Sub-sections (3) and (4) of the 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 audit opinion.

### 1.4 Basis for Qualified Opinion

---

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

## **2. Financial Statements**

---

### **2.1 Qualified Opinion**

---

In my opinion, except for the effects of the matters described in paragraph 2.2 of this report, the financial statements give a true and fair view of the financial position of the Wayamba University of Sri Lanka as at 31 December 2014 and its financial performance and cash flows for the year then ended in accordance with Sri Lanka Public Sector Accounting Standards.

### **2.2 Comments on Financial Statements**

---

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

---

Action had not been taken to revalue and bring to account 04 items of fixed assets valued at Rs.54,793,397 which were further being used for the operating activities of the University although their book values were zero, in terms of Sri Lanka Public Sector Accounting Standard No. 07.

#### **2.2.2 Accounting Deficiencies**

---

The following observations are made.

- (a) The University had not identified the accounting policies with regard to the accounting of Government grants and amortization of assets established by the Government grants. The Government grants as at the end of the year under review was Rs.2,568,722,000 and the net value of non- current assets represented thereby amounted to Rs.1,156,324,406.



- (b) The total capital grants received by the Wayamba University from the General Treasury during the year under review amounted to Rs.604,100,000 and the recurrent grants amounted to Rs.703,275,000. Nevertheless, according to the financial statements, capital grants and recurrent grants amounted to Rs.624,675,000 and Rs.682,700,000 respectively. The reason for this difference was that revenue grants of Rs.20,575,000 had been accounted as the capital grants.
- (c) According to the Board of survey reports, the unusable goods valued at Rs.45,644 and the goods which were not being used valued at Rs.1,708,108 had been identified as at 31 December of the year under review. Nevertheless, necessary adjustments had not been made to show the fair value of those goods.
- (d) A sum of Rs.5,341,038 spent by the University for the two hostel buildings at the Makandura premises which had not been formally handed over to the University after completion of the constructions, had been capitalized under the buildings.
- (e) Even though property, plants and equipment costing Rs.2,638,573 identified as unusable goods in terms of the board of survey reports had been disposed of, action had not been taken to eliminate its cost and the accumulated depreciations from the books.
- (f) Out of Rs.37,500,000 received as the provisions for the rehabilitation and development of capital assets of the year under review, a sum of Rs.2,774,000 had been spent for recurrent activities and it had been brought to account as recurrent expenditure.
- (g) Action had not been taken to identify and bring to account a sum of Rs.306,500 that existed in two state banks in the name of the University.

- (h) A sum aggregating to Rs.175,698 made up of a stock shortage of Rs.31,250 occurred at the stores in the year 2012 and Rs.144,448 spent for the proposed but non-implemented the certificate course of Business Administration had been written off on the decision of the Finance Committee without a formal approval.
- (i) A sum totalling Rs. 99,329 comprising of Rs.38,114 and Rs.61,215 respectively spent by the University for the Sri Lanka Agriculture Research Policy Council Course and the External Training Course had been brought to account as an expenditure of the University without being accounted as an expenditure of the respective course.

### 2.2.3 Lack of Evidence for Audit

---

Evidence such as deeds of lands , transfer orders, register of fixed assets and schedules was not made available for audit in respect of the assets totalling Rs.1,111,768,027.

### 2.3 Accounts Receivable and Payable

---

The following observations are made.

- (a) Action had not been taken to settle the staff loan of Rs.8,990, distress loan balance of Rs.116,356, advances of Rs.470,597 given for the purchase of library books and periodicals and construction advances of Rs.2,486,208 which continued to exist over a period from 03 to 19 years.
- (b) Action had not been taken to settle a payable sum of Rs. 482,503 which continued to exist over a period of one year.
- (c) The total of 06 items of other liabilities amounting to Rs.719,550 and a sum of Rs.1,751,587 included in the payable account balance which continued to exist over a period of one year had been shown in the financial statements by the end of the year under review.



- (d) Out of the advance given for the purchase of two magazines in the years 2006, 2008 and 2009, a sum of Rs.307,045 had not been settled even by the end of the year under review.

#### 2.4 Non-compliance with Laws, Rules, Regulations etc.

The following instances of non-compliance were observed.

Reference to Laws, Rules, Regulations	Non-compliance
(a) Section 4.1 of Chapter XIX of the Establishments Code of the Democratic Socialist Republic of Sri Lanka and the Circular No.12/2013 dated 29 August 2013 of the University Grants Commission.	<p>I. Deviating from the provisions of the circulars, an allowance of Rs.220,000 at Rs.10,000 per month had been paid to the Registrar and the Librarian during the year under review for the supply of official quarters according to the decision of the Board of Control. An approval relating to the payment of an allowance of this nature to the public officers had not been furnished to audit.</p> <p>II. Further, in view of residing in the Executive Officers' Hostel of the University, a sum of Rs.7,950 had been recovered from the Registrar during the year under review. Accordingly, the doubt that the Registrar had resided in the University premises on the payment of a fee cannot be ruled out in audit.</p>

(b) Financial Regulations of the  
Democratic Socialist Republic of Sri  
Lanka

---

(i) Financial Regulation 271 (2)(a)(b)

Without taking action, in accordance with the regulations on the unpaid salaries of Rs. 111,113 from the year 2001 to up to 31 December 2013, it had been shown as current liabilities.

(ii) Financial Regulation 396 (d)

Action had not been taken in accordance with the regulations with regard to 16 cheques valued at Rs. 200,649 which had exceeded a period of six months from the date of issue but not presented for the payment.

(c) Management Services Circular  
No.02/2014 dated 11 February 2014

Without following the procedure stated in the circular, a sum of Rs.24,238,719 had been paid to 157 lecturers and other officers of the Wayamba University as research allowances during the year under review. Although this circular had proposed a procedure to enable this allowance to be paid to other senior officers in the Government service, regardless of the conditions of that proposal, this allowances had been paid to the University staff on an easy basis.



### 3. Financial Review

#### 3.1 Financial Results

According to the financial statements presented, the operation of the University for the year ended 31 December 2014 had resulted in a deficit of Rs.101,915,000 as compared with the corresponding deficit of Rs.135,853,000 for the preceding year, thus indicating an improvement of the financial result by Rs.33,938,000 for the year under review as compared with the preceding year.

#### 3.2 Analytical Financial Review

The following observations are made

##### (a) Financial Performance

The following observations are made on the financial performance.

- (i) Even though the income earned by the University had increased by 71 per cent during the year under review, investment income included therein had increased by Rs.1,472,000 as compared with the preceding year and it had been 4,329 per cent as a percentage. Further, the value of investments had augmented by 73 per cent as compared with the preceding year. As pointed out by the audit in the preceding year, a procedure had been followed to earn interest income through the short term investment of surplus balances existed in the current accounts during the year under review citing the reason for the above condition.
- (ii) The total expenditure of the University for the year under review had increased by 18 per cent as compared with the preceding year. An increase of Rs.117,427,271 was observed in the expenditure relating to salaries and wages, travelling and subsistence allowances, supplies and consumable goods, contractual services, other recurrent expenditure and bursary and maintenance services and its percentage had ranged from 5 per cent to 109 per cent. Within the increase in this expenditure, a significant increase in the payment of travelling expenses to the officers was observed.

## (b) Financial Position

---

The following observations are made on the financial position

- (i) As compared with the preceding year, the non-current assets had increased by 42 per cent as at the end of the year under review. 20 per cent increase in the property, plants and equipment and 108 per cent increase in the work-in-progress had mainly attributed to the above increase.
- (ii) Non-current liabilities had increased by 29 per cent as compared with the preceding year and the unspent capital grants of Rs.39,000 in the preceding year had increased up to Rs.12,754,000 during the year under review. However, it was not observed as a favourable trend.
- (iii) The Accumulated Fund was continuously diminishing and it had further diminished by Rs.101 million as at the end of the year under review. The percentage thereof was 11 per cent as compared with the previous year.

## 3.3 Legal actions instituted against the University

---

A private contractor who had entered into an agreement with the University in the year 2012 for the construction of an individual hostel at the Kuliyaipitiya premises at a contract value of Rs.27,000,592 and abandoned the contract half way had filed a case in the court requesting to suspend the recovery of his security amounting to Rs.6,000,000. As a result, the contract which was scheduled to be completed in August 2012 had not been completed even by July 2015.



#### 4. Operating Review

##### 4.1 Performance

Information relating to the expenditure incurred on each faculty, number of students and the cost per student during the year under review and the previous year is given below.

Faculty	Details	Previous Year	Year under Review	Increase as a percentage
		2013	2014	
(i) Faculty of Business Studies and Finance	Expenditure (Rs.)	73,543,884	91,453,057	24
	No of Students	1,312	1,521	15
	Cost Per Student (Rs.)	56,055	60,126	07
(ii) Faculty of Applied Science	Expenditure (Rs.)	74,208,889	95,292,894	28
	No of Students	428	461	07
	Cost Per Student (Rs.)	173,385	206,709	19
(iii) Faculty of Agriculture and Plantations Management	Expenditure (Rs.)	84,163,292	100,091,898	18
	No of Students	439	454	03
	Cost Per Student (Rs.)	191,716	220,446	15
(iv) Faculty of Livestock, Fisheries and Nutrition	Expenditure (Rs.)	82,539,376	106,824,982	29
	No of Students	393	420	06
	Cost Per Student (Rs.)	210,024	254,345	21



The following observations are made in this connection.

- (a) The cost per student of the Faculty of Livestock, Fishery and Nutrition and Faculty of Agriculture and Plantation Management had increased as compared with other faculties and it was 423 per cent and 336 per cent respectively as a percentage as compared with the Faculty of Business Studies and Finance.
- (b) As compared with the preceding year, an increase in the cost per student of the Faculty of Business Studies and Finance, Faculty of Applied Sciences, Faculty of Agriculture and Plantation and the Faculty of Livestock, Fisheries and Nutrition by 7 per cent, 19 per cent, 15 per cent and 21 per cent was observed respectively.
- (c) Significant number of students selected for four faculties of the University had gone on transfers to other universities on various grounds. Out of the total number of students registered in the University during the academic year, 155 students had gone on transfers to other Universities and it was 15 per cent of the number of registered students. Accordingly, the doubt, that the resources allocated for these transferred students within the University had been fruitless, could not be ruled out. A proposal had not been made even in the year under review for the prevention of wasting these resources by paying attention on the students those who are qualified but deprived of the opportunity to enter the Universities.
- (d) Although the standard ratio between the number of students and the academic staff of the Faculty of Business Studies and Finance should stand at 18:1, the actual ratio stood at 44:1 and it was observed as an extremely unfavourable position. The standard ratio of other three faculties was 10:1, whereas the actual ratio stood at 12:1 and as such the actual ratio had slightly increased than the standard ratio.

## 4.2 Management Inefficiencies

---

The following observations are made in this connection.

- (a) The agreement which had been entered into with the University by three lecturers of the University at the time of proceeding abroad had been breached by them in the years 2001, 2003 and 2014. As a result, an arrears amounting to Rs.3,826,651 further remained recoverable to the University, whereas action had not been taken for the recovery of that amount even in the year under review. Due to adopting an easy policy of this nature, the doubt that the lecturers who are proceeding abroad in future utilizing the Government resources would follow this incident as a precedent, could not be ruled out in audit.
  
- (b) Library books valued at Rs.4,130,710 had been purchased from an exhibition in the year 2008 for the library situated at the Makandura premises. It had been pointed out by our previous audit queries and reports that many matters of the procurement procedure had not been followed in the said purchase and the requirement, prices and edited year of the books as well had not been taken into consideration. Although the Board of Control of the University had appointed a committee to examine and report this transaction, without taking a formal course of action, a sum of Rs.4,053,786 had been paid to the respective institution during the year under review. It was observed that a significant amount from the expenditure incurred for the purchase of books had been a fruitless expenditure and the parties responsible for the deviations occurred in the said purchase had not been properly ascertained and necessary course of action had not been taken.
  
- (c) In terms of the letter No.UGC/HR/09/01/75 dated 08 September 2008 of the Chairman of the University Grants Commission, having obtained the sanitary service and maintenance service from a man power institution until the vacancies of the Labour Grades are filled, a sum of Rs.3,644,770 had been paid for that purpose during the year under review. Although the agreement entered into with the relevant

company terminated on 16 September 2013, the service period of the relevant institute had been extended from time to time without stepping into a competitive procurement procedure again.

- (d) Without conducting a formal study with regard to the students' need on the hostel facilities, a building had been obtained on rent on the payment of Rs.2,700,000 for the hostel facilities of 89 students. Accordingly, the expenditure incurred for one student was Rs.30,337 per annum. It was observed that 150 students could be accommodated within this building.
- (e) Although the constructions of animal pens had been completed by the Makandura Livestock Development Project during the year under review, it had not been reported to the Accounts Division and as a result, the cost of Rs.2,469,713 incurred thereon had not been capitalized.

### 4.3 Operating Inefficiencies

---

The following observations are made.

- (a) Out of the amount totalling Rs.10,500,000 received from the University Grants Commission for the staff development of the University from the year 2012 up to the year under review, Rs.1,348,618 or 13 per cent had not been utilized for the relevant purpose.
- (b) Although certain constructions had been carried out by the Maintenance Division of the University, building materials amounting to Rs.1,647,590 purchased under the Livestock Development Programme had not been included in the inventories of the Mankandura Maintenance Division.

#### 4.4 Transactions of Contentious Nature

---

The following observations are made.

- (a) An amount of 5000 Pounds (Rs.980,200) granted to a female lecturer of the University for the researchers conducted after the Post Graduate Doctorate Degree had been credited to her personal account. The crediting of money on the approval granted by the letter No.C/141/48SUPP dated 21 January 2014 of the Board of Control of the University despite the objections regarding this matter had been contentious. The fact that this lecturer had received money for the relevant researches as a result of her being a lecturer of the Sri Lanka Wayamba University, could not be ruled out in audit.
- (b) Preparation of estimates, signing agreements and payment of money of the projects of the construction of two student hostels at the Makandura premises had been carried out by the Ministry of Higher Education. The responsibility on the ground preparation activities before the commencement of the construction had been entrusted to the University and the University had spent Rs.1,640,510 for that purpose. However, without any agreement between the contractor and the University, the University had paid Rs.5,341,038 from the University Fund in respect of the construction of buildings of the project.

#### 4.5 Uneconomic Transactions

---

The following observations are made

- (a) When hostels were taken on rent by the University, a sum of Rs.246,000 exceeding the assessed value had been paid and the approval of the Board of Control had also been given in that respect.

- (b) Two lecturers of the Makandura premises had hired two vehicles to proceed Colombo on a same day in the year under review and paid rent totalling Rs. 10,998 made up of Rs.5,850 and Rs.5,148 and it was observed uneconomical.
- (c) In terms of the Ministry of Finance and Planning Circular No.150 dated 07 December 2010, once the new vehicles are purchased the vehicles should not be hired, whereas the University had purchased 05 motor vehicles in the year 2013 and a sum of Rs.2,724,456 had been paid for the hired vehicles. It was an increase of 50 per cent as compared with the preceding year.

#### 4.6 Weaknesses in the Contract Administration

---

The following observations are made

- (a) Instances were observed that additional expenditure had been incurred due to non-completion of work within the agreed period and several instances so observed are given below.
- (i) Although the agreed period for the completion of the construction of the Faculty of Business Studies and Finance building of the Kuliyaipitya premises terminated on 27 January 2011, after the completion of the construction, the building had been handed over on 28 November 2013. Any bills had not been produced for the payment activities after that date up to January 2015. The delays in the constructions are subject to computation of price variations and the payments so far made for the price variation had been Rs.10,363,120. The reasons adduced for this matter could not be accepted in audit.
- (ii) Although the construction of the individual hostel building at the Makandura premises should have been completed in the year 2012, it had been completed and handed over in the year 2013. However, any bill had not been presented for that building as well during the year under review and a sum of Rs.2,424,959 had



been paid in respect of the price variation for the 7<sup>th</sup> bill produced in the year 2015. While the State Engineering Corporation had stated by its letter dated 18 September 2012 that the delay in the construction had occurred due to the poor construction work of the contractor, granting approval for the payment of price variations was questionable.

- (b) A sum totalling Rs.34,085,902 which continued to exist over a period of one year as the work-in-progress in the account had further remained unchanged. It included the balances older than 02 years.

#### 4.7 Personnel Administration

---

The following observations are made in respect of the approved and actual cadre of the University as at 31 December 2014.

- (a) Although the approved cadre of the University for the year under review stood at 275, the actual cadre stood at 255. Due to the absence of the lecturers with special competencies for certain subjects in some faculties, 69 visiting lecturers had been recruited and a sum of Rs.8,508,195 had been paid as their salaries during the year under review.
- (b) According to the approved cadre, there were 26 vacancies in the posts of minor employees, but it did not affect the smooth functioning of the day to day activities of the University. Nevertheless, 12 labourers had been recruited from a man power institution during the year under review stating various reasons and a sum of Rs.3,644,770 had been paid as their salaries.

## 5. Accountability and Good Governance

### 5.1 Action Plan

The following observations are made.

- (a) In terms of Section 5.1.2 of the Public Enterprises Circular No.PED/12 dated 02 June 2003, the Management is responsible for the preparation of an Action Plan including clearly identified activities for the achievement of objectives and targets of an institute within the planned business period (year). Nevertheless, a duly prepared Action Plan for the year under review had not been furnished to audit.
- (b) In the informal Action Plan submitted, a provision of Rs.12,500,000 had been made under the Rehabilitation and Development of buildings, whereas it had been shown as Rs.37,500,000 in the final account of the year under review. Although a sum of Rs.12,500,000 had been allocated for 10 items of work according to the Action Plan, 51 items of work had been carried out without being complied with the Action Plan and a sum of Rs.39,577,470 had been spent for that purpose during the year under review.
- (c) Although it was expected to carry out a number of projects valued at Rs.455,000,000 for the construction of buildings, it was observed that the progress of those projects were not at a satisfactory level by the end of the year under review. With the provisions saved in the previous year for the projects namely Faculty Building of Business Studies and Academic Bachelor Building, a sum of Rs.5,398,871 had been saved as at the end of the year under review. Further, savings totalling Rs.14,515,623 had been made by 49 per cent from the Makandura Medical Centre, 96 per cent from the Kuliyapitiya Service Centre, 20 per cent from the arrangement of playground and 93 per cent for the skills of the Department of Sports. A sum of Rs.23,120,397 had been spent exceeding the total provisions of 08 items of work.



## **5.2 Budgetary Control**

---

In the preparation of Budget over estimation of 40 items of expenditure had been prepared while the expenditure of 20 items had exceeded the budgeted provision. The entire provision of 2 items of expenditure had not been spent and expenditure for 03 items had been incurred without provisions. As such, it was observed that the budget had not been utilized as an effective instrument of management control by the University.

## **5.3 Unresolved Audit Paragraphs**

---

A female lecturer who had submitted one project proposal during the period 2010-2011 had been paid a sum of Rs.99,882 in respect of that project. Although the research report relating to that project should have been submitted at the end of February 2013, it had not been submitted even by 30 June 2015.

## **5.4 Tabling of Annual Reports**

---

The Annual Report should be tabled in Parliament within 150 days of closure of the relevant year in terms of Section 6.5.3 of the Public Enterprises Circular No. PED/12 dated 02 June 2003 and Section 14(1) of the Financial Act No. 38 of 1971. Nevertheless, the Annual Report for the year 2012 had not been tabled in Parliament.



## 6. Systems and Controls

---

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

- (a) Budget
- (b) Purchase of Library Books and Periodicals
- (c) Constructions Contracts
- (d) Granting Advances
- (e) Conducting External Courses
- (f) Stock Control
- (g) Personnel Administration
- (h) Procurement Process
- (i) Motor Vehicle Control
- (j) Control over External Lectures

W.P.C. Wickramaratne

Acting Auditor General

**Report of the Auditor General on the Financial Statements of the Wayamba University of Sri Lanka for the year ended 31 December 2013 in terms of Section 108 (1) of the Universities Act No. 16. of 1978**

---

**2.2 Comments on Financial Statements**

**2.2.1 Sri Lanka Public Sector According Standards**

Action had not been taken to revalue and bring to account 04 items of fixed assets valued at Rs. 54,793,397 which were further being used for the operating activities of the University although their book values were zero, in terms of Sri Lanka Public Sector Accounting Standard No. 07.

**The lands, buildings and vehicles belonging to the University as at 31.12.2013 are being revalued by the Valuation Department, and all other fixed assets as at 31.12.2013 are being revalued by a Committee appointed by the University. Once this is completed the Fixed Assets Schedule can be prepared.**

**2.2.2 Accounting Deficiencies**

The following observations are made.

- (a) The university had not identified the accounting policies with regard to the accounting of Government grants and amortization of assets established by the Government grants. The Government grants as at the end of the year under review was Rs. 2,568,722,000 and the net value of non-current assets represented thereby amounted to Rs. 1,156,324,406.

**The accounts for the year 2016 are being prepared according to the Sri Lanka Public Sector Accounting Standards.**

- (b) The total capital grants received by the Wayamba University from the General Treasury during the year under review amounted to Rs. 604,100,000 and the recurrent grants amounted to Rs. 703,275,000. Nevertheless, according to the financial statements, capital grants and recurrent grants amounted to Rs. 624,675,000 and Rs. 682,700,00 respectively. The reason for this difference was that revenue grants of Rs. 20,575,000 had been accounted as the capital grants.

**A sum of Rs. 20,575,00 had been directly credited by the General Treasury to the current account maintained at the Bank of Ceylon on 22.12.2014. As this current account is maintained for the capital grants, the above amount was considered as capital grants and was utilized for settlement of capital costs in 2014. However, the statement of release of sums dated 06.02.2015, this amount was indicated as a revenue grant release. Therefore, by letter dated 16.02.2015 the Treasury was informed that since the relevant amount had been used for capital payments, to treat it as a capital grant.**

- (c ) According to the Board of survey reports, the unusable goods valued at Rs. 45,644 and the goods which were not being used valued at Rs. 1,708,108 had been identified as at 31 December of the year under review. Nevertheless, necessary adjustments had not been made to show the fair value of those goods.

**A Committee appointed for the purpose inspected the goods that were not being used at Makandura Premises. The process has not been completed since it has not been done at Kuliypitiya Premises. Action will be taken in the future.**

- (d) A sum of Rs. 5,341,038 spent by the University for the two hostel buildings at the Makandura Premises which had not been formally handed over to the University after completion of the constructions, had been capitalized under the buildings.

**As per the certificate given by the Senior Assistant Registrar/ Capital Works that the contracts of Hostel Nos. 3 and 5 have been completed, capitalization had been done in 2014. However, as per the schedule submitted by the Senior Assistant Registrar/Capital Works on the completed contracts of 2015 these contracts had not been completed. Therefore, in 2015 action has been taken to transfer to the incomplete works account by J'nal No. C117.**

- (e) Even though property, plants and equipment costing Rs. 2,638,573 identified as unusable goods in terms of the board of survey reports had been disposed of, action had not been taken to eliminate its cost and the accumulated depreciations from the books.

**Since sufficient information of the unusable property, plants and equipment have not been received adjustment has not been made in the accounts.**

- (f) Out of Rs. 37,500,00 received as the provisions for the rehabilitation and development of capital assets of the year under review, a sum of Rs. 2,774,000 had been spent for recurrent activities and it had been brought to account as recurrent expenditure.

**Provisions for operations in the nature of rehabilitation received have been correctly accounted in calculating the surplus/deficits in the activities for the year 2014. Hence, the removal of provisions for rehabilitation from the provision of Rs. 2,774,000 for capital grants is not incorrect.**

- (g) Action had not been taken to identify and bring to account a sum of Rs. 306,500 that existed in two state banks in the name of the University.

**Action has been taken to identify and bring into account the unidentified deposits as at 31.12.2014.**

- (h) A sum aggregating to Rs. 175,698 made up of a stock shortage of Rs. 31,250 occurred at the stores in the year 2012 and Rs. 144,448 spent for the proposed but non-implemented the certificate course of Business Administration had been written off on the decision of the Finance Committee without a formal approval.

**As per the decision of the Finance Committee and the Council, Rs. 144,448.00 pertaining to the Certificate Course in Business Administration has been taken into accounts as an expenditure of the self-financed Postgraduate Diploma programme. As stipulated in No. 8 of Sri Lanka Public Sector Accounting Standards, since the stock shortage of Rs. 31,250.00 was a negligible amount, as per the decisions of the Finance Committee and the Council, it has been indicated as an expenditure for the year and not as an adjustment of the previous years.**

- (i) A sum totaling Rs. 99,329 comprising of Rs. 38,114 and RS. 61,215 respectively spent by the University for the Sri Lanka Agriculture Research Policy Council Course and the External Training Course had been brought to account as an expenditure of the University without being accounted as an expenditure of the respective course.

**The amount of over expenditure in the case of Sri Lanka Agriculture Research Policy Council Course and the External Training Course (SDC) has been brought to account as dues and action has been taken to recover this amount in 2015.**

### **2.2.3 Lack of Evidence for Audit**

Evidence such as deeds of lands, transfer orders, register of fixed assets and schedules was not made available for audit in respect of the assets totaling Rs. 1,111,768,027.

#### **Deeds of Lands/Transfer Orders**

**Block Nos. 452, 476 and 454 of Plan No. 992 have been legally acquired by the University and transfer certificates have been obtained. In addition, the University possesses deeds for the following lands obtained as Deeds of Transfer.**

- 1. Kandanegedera, Weralugama (the land in which the Vice-Chancellor's Lodge is located) (Deed No. 318, Plan No. 4937)**
- 2. Gamagewela and Naiwala paddy fields at Makandura Premises (Deed No. 125, Plan No. 4674).**

**Arrangements are underway to acquire other lands which are being enjoyed by the University.**

#### **Fixed Assets Register**

**The lands, buildings and vehicles belonging to the University as at 31.12.2013 are being revalued by the Valuation Department, and all other fixed assets as at 31.12.2013 are being revalued by a Committee appointed by the University. Once this is completed the Fixed Assets Schedule can be prepared.**

## **Schedules**

**Details of assets acquired from 01.01.2014 are being entered into the Fixed Asset Software Package by the Finance Division. Values of assets which belonged to the University as at 31.12.2013 are being revalued at present.**

### **2.3 Accounts Receivable and Payable**

The following observations are made.

- (a) Action had not been taken to settle the staff loan of Rs. 8,990, distress loan balance of Rs. 116,356, advances of Rs. 470,597 given for the purchase of library books and periodicals and construction advances of Rs. 2,486,208 which continued to exist over a period from 03 to 19 years.

#### **(i) Staff Loan - Rs. 8,990.00**

**Action has been taken to deduct a sum of Rs. 4,080.00 out of the dues from Mr. T M C P Fernando from his University Provident Fund and the balance amount has been settled in 2015.**

#### **(ii) Distress Loans - Rs. 116,356.00**

- 1. Action has been taken to recover the loan balance of Rs. 114,240.00 due from Mr. T M C P Fernando at the time of release of his University Provident Fund.**
- 2. The loan balance of Rs. 1,116.00 of Mr. J G W S Nishantha has been settled in 2015.**
- 3. Reminders have been issued to the University of Peradeniya to transfer the loan balance of Rs. 1,000.00 due from Ms. S V Seneviratne.**

#### **(iii) Advances given for purchase of Library Books and Periodicals - Rs. 470,597**

**This value should be corrected as Rs. 385,937.22. These advances had been issued during the period of Wayamba Campus of the Rajarata University of Sri Lanka (1996-1999). As such, it has not been possible to trace old records. This matter having been forwarded to the Audit Committee for a decision, the Audit**

**Committee at its 52<sup>nd</sup> Meeting had recommended that this amount be written off as per financial regulations.**

<b>Date of Issue</b>	<b>Voucher No.</b>	<b>Institute</b>	<b>Value (Rs.)</b>
<b>31.12.1996</b>	<b>50</b>	<b>People's Bank, International Branch</b>	<b>36,860.17</b>
<b>31.12.1997</b>	<b>C102</b>	<b>Vote Trade Press</b>	<b>70,235.04</b>
<b>31.12.1996</b>	<b>C104</b>	<b>Indian Institute of Packaging</b>	<b>278,842.01</b>
<b>Total</b>			<b>385,937.22</b>

- (iv) Construction Advances – Rs. 2,486,208.00 (Contract Page 8/49)**  
**This has been paid as a mobilization advance and since construction work under this contract has not been completed as at 31.12.2014, this has been shown as an unsettled advance.**

- (b) Action had not been taken to settle a payable sum of Rs. 482,503 which continued to exit over a period of one year.

**Action has been taken to make the necessary adjustments in the Annual Accounts of 2015.**

- (c) The total of 06 items of other liabilities amounting to Rs. 719,550 and a sum of Rs. 1,751,587 included in the payable account balance which continued to exist over a period of one year had been shown in the financial statements by the end of the year under review.

**Action has been taken to make the necessary adjustments in the Annual Accounts of 2015.**

- (d) Out of the advance given for the purchase of two magazines in the years 2006, 2008 and 2009, a sum of Rs. 307,045 had not been settled even by the end of the year under review.

**Action has been taken to settle the above advances.**



#### 2.4 Non-compliance with Laws, Rules, Regulations etc.

The following instances of non-compliance were observed.

Reference to Laws, Rules, Regulations	Non-compliance
(a) Section 4.1 of Chapter XIX of the Establishments Code of the Democratic Socialist Republic of Sri Lanka and the Circular No.12/2013 dated 29 August 2013 of the University Grants Commission.	I Deviating from the provisions of the circulars, an allowance of Rs. 220,000 at Rs. 10,000 per month had been paid to the Registrar and the Librarian during the year under review for the supply of official quarters according to the decision of the Board of Control. An approval relating to the payment of an allowance of this nature to the public officers had not been furnished to audit.
<p><b>Section 29 (n) of the Universities Act and Section 7.3 (c) of the Universities Establishments Code stipulate that the university should regulate and provide for the residence, discipline and wellbeing of students and teachers, officers and other employees of the University. Further, UGC Establishments Circular No. 12/2013 dated 29<sup>th</sup> August 2013 indicates that officers entitled for official residential facilities, should be provided residential facilities.</b></p> <p><b>As per the above instructions, for fulltime officers of the University, i.e. Deans, Registrar, Bursar and the Librarian, who travel to the workplace from a distance, many Universities provide residential facilities within the University and if no such facilities are available within the University, facilities are rented so that they may live with their families in separate houses.</b></p> <p><b>The Registrar of a University is a fulltime officer of the University and is responsible for the custody of records and the property of the University. He is also the Assistant Accounting Officer of the University. In addition, since his is responsible for the security of property and personnel, he should take the responsibility of resolving any problematic situation that may arise in this connection, at any</b></p>	

time. Especially, as student hostels are located within the University premises, the gravity of the situation is enhanced and the Registrar should be able to intervene even during night time when problems arise. Therefore, it is essential for the Registrar to reside near the University.

The Librarian too is an officer entitled for official residential facilities. From 2006 onwards, the Librarian of the Wayamba University of Sri Lanka has been reporting for duty from a personally rented out house and has been paying the rent out of their salary.

After looking into this matter, the Council approved the accommodation allowance (Memo C/134/29) and from February 2014 onwards the accommodation allowance has been paid to him by the Wayamba University of Sri Lanka with his salary.

Currently, almost all Universities have provided separate housing facilities to officers mentioned above. Since the Wayamba University of Sri Lanka does not have separate houses, if such facilities are to be provided, they should be rented. However, it has not been possible to find suitable houses in the vicinity of the University, and even for those found with much difficulty, exorbitant prices have to be paid. Considering this situation, the Council, at three meetings, decided that the officers be paid Rs. 10,000/- per month per officer, in place of providing them separate houses, so that they may find suitable accommodation. Accordingly, the Registrar and the Librarian of the Wayamba University of Sri Lanka have not been provided separate houses, but the allowance had been paid to them as per the above-mentioned decision.

However, at present, the payment of the accommodation allowance to the Registrar and the Librarian of the Wayamba University of Sri Lanka has been discontinued.

	<p>II. Further, in view of residing in the Executive Officers' Hostel of the University, a sum of Rs. 7,950 had been recovered from the Registrar</p>
--	---

	during the year under review. Accordingly, the doubt that the Registrar had resided in the University premises on the payment of a fee cannot be ruled out in audit.
<b>On occasions where the Registrar has to participate in meetings of the Senate and Council and other special meetings and various programmes organized by the students during evenings and has to stay in the University, he had been staying at a room at the Executive Staff Quarters, and a rent had been deducted from his salary. However, at present such deduction has been discontinued.</b>	
(b) Financial Regulations of the Democratic Socialist Republic of Sri Lanka	
(i) Financial Regulation 271 (2) (a) (b)	Without taking action in accordance with the regulations on the unpaid salaries of Rs. 111,113 from the year 2001 to up to 31 December 2013, it had been shown as current liabilities
<b>These funds have been accounted as current liabilities and arrangements have been taken to look into the matter and make the necessary adjustments in the Annual Accounts of 2015.</b>	
(ii) Financial Regulation 396 (d)	Action had not been taken in accordance with the regulations with regard to 16 cheques valued at Rs. 200,649 which had exceeded a period of six months from the date of issue but not presented for the payment.
<b>These funds have been accounted as current liabilities and arrangements have been taken to look into the matter and make the necessary adjustments in the Annual Accounts of 2015.</b>	
(c) Management Services Circular No. 02/2014 dated 11 February 2014	Without following the procedure stated in the circular, a sum of Rs. 24,238,719 had been paid to 157 lecturers and other officers of the Wayamba University as research allowances during the year under review. Although this circular had proposed a procedure to enable this allowance to be paid to other senior officers in

	the Government service, regardless of the conditions of that proposal, this allowances had been paid to the University staff on an easy basis.
<p><b>The University works according to circular instructions issued by the University Grants Commission. The provisions of the Management Services Circular No. 02/2014 for the increase of the research allowance from 25% to 35% of the basic salary and the payment of the allowance to Executive Officers of middle level and higher level had been carried out as per the instructions of Establishments Circular No. 05/2014 issued by the University Grants Commission.</b></p> <p><b>Further, the University Grants Commission, by the Establishments Circular No. 05/2014 (i) and 05/2014 (ii), had restored the Higher Education Circular Nos. 1/2011 and 01/2011 (i) which pertain to the payment of research allowance. Accordingly, the stipulated procedures were followed to obtain the allowance.</b></p>	

### 3. Financial Review

#### 3.1 Financial Results

According to the financial statements presented, the operation of the University for the year ended 31 December 2014 had resulted in a deficit of Rs. 101,915,000 as compared with the corresponding deficit of Rs. 135,853,000 for the preceding year, thus indicating an improvement of the financial result by Rs. 33,938.000 for the year under review as compared with the preceding year.

#### **Agree with the observation.**

#### 3.2 Analytical Financial Review

The following observations are made.

##### (a) Financial Performance

The following observations are made on the financial performance.

- (i) Even though the income earned by the University had increased by 71 per cent during the year under review, investment income included therein had increased by

Rs. 1,472,000 as compared with the preceding year and it had been 4,329 per cent as a percentage. Further, the value of investments had augmented by 73 per cent as compared with the preceding year. As pointed out by the audit in the preceding year, a procedure had been followed to earn interest income through the short term investment of surplus balances existed in the current accounts during the year under review citing the reason for the above condition.

**Agree with the observation.**

- (ii) The total expenditure of the University for the year under review had increased by 18 per cent as compared with the preceding year. An increase of Rs. 117,427,271 was observed in the expenditure relating to salaries and wages, travelling and subsistence allowances, supplies and consumable goods, contractual services, other recurrent expenditure and bursary and maintenance services and its percentage and ranged from 5 per cent to 109 per cent. Within the increase in this expenditure, a significant increase in the payment of travelling expenses to the officers was observed.

**In view of the increase of overseas travel, increase of the number of employees, increase of the number of students and the increase of value of goods during this year compared to previous years, expenses had been increased.**

**(b) Financial Position**

-----

The following observations are made on the financial position.

- (i) As compared with the preceding year, the non-current assets had increased by 42 per cent as at the year under review. 20 per cent increase in the property, plants and equipment and 108 per cent increase in the work-in progress had mainly attributed to the above increase.

**Agree with the observation.**

- (ii) Non-current liabilities had increased by 29 per cent as compared with the preceding year and the unspent capital grants of Rs. 39,000 in the preceding year had increased up to Rs. 12,754,000 during the year under review. However, it was not observed as a favorable trend.

**Agree with the observation.**

- (iii) The accumulated Fund was continuously diminishing and it had further diminished by Rs. 101 million as at the end of the year under review. The percentage thereof was 11 per cent as compared with the previous year.

**Agree with the observation.**

**3.3 Legal Actions Instituted Against the University**

A private contractor who had entered into an agreement with the University in the year 2012 for the construction of an individual hostel at the Kuliyaipitiya premises at a contract value of Rs. 27,000,592 and abandoned the contract half way had filed a case in the court requesting to suspend the recovery of his security amounting to Rs. 6,000,000. As a result, the contract which was scheduled to be completed in August 2012 had not been completed even by July 2015.

**In consultation with the Attorney General's Department, both parties have completed the court proceedings and the balance work of the construction work were being carried out.**

**4. Operating Review**

**4.1 Performance**

Information relating to the expenditure incurred on each faculty, number of students and the cost per student during the year under review and the previous year is given below.

Faculty	Details	Previous Year	Year under Review	Increase as a Percentage
		<u>2013</u>	<u>2014</u>	
(i) Faculty of Business Studies & Finance	Expenditure (Rs.)	73,543,884	91,453,057	24
	No of Students			
	Cost Per Student (Rs.)	1,312	1,521	15

		56,055	60,126	07
(ii) Faculty of Applied Sciences	Expenditure (Rs.)	74,208,889	95,292,894	28
	No of Students			
	Cost Per Student (Rs.)	428	461	07
		173,385	206,709	19
(iii) Faculty of Agriculture & Plantation Management	Expenditure (Rs.)	84,163,292	100,091,898	18
	No of Students			
	Cost Per Student (Rs.)	439	454	03
		191,716	220,446	15
(iv) Faculty of Livestock, Fisheries & Nutrition	Expenditure (Rs.)	82,539,376	106,824,982	29
	No of Students			
	Cost Per Student (Rs.)	393	420	06
		210,024	254,345	21

The following observations are made in this connection.

- (a) The cost per student of the Faculty of Livestock, Fisheries & Nutrition and Faculty of Agriculture & Plantation Management had increased as compared with other faculties and it was 423 per cent 336 per cent respectively as a percentage as compare with the Faculty of Business Studies & Finance.
- (b) As compared with the preceding year, an increase in the cost per student of the Faculty of Business Studies & Finance, Faculty of Applied Sciences, Faculty of Agriculture & Plantation Management and the Faculty of Livestock, Fisheries & Nutrition by 7 per cent, 19 per cent, 15 per cent and 21 per cent was observed respectively.

#### **Faculty of Livestock, Fisheries & Nutrition**

The high cost per student of the Faculty of Livestock, Fisheries & Nutrition was due to the following reasons.

1. Since two degree programmes with new subject combinations are in operation in the Faculty, the services of more Visiting Lecturers are required for which more funds have to be set apart.

2. As the Faculty does not have a farm (livestock/sea water and fresh water fish) teaching has to be done largely through field trips and due to such field trips having to be done at very distant locations, funds have to be set apart on a large scale for transport facilities and all other requirements.
3. Due to the high cost of chemicals required for practical training in chemical laboratories, funds have to be set apart for such expenses.
4. Unlike other Faculties, the printing of question papers for written and practical examinations for the two degree programmes of the Faculty is handled entirely at the Faculty itself. As such a considerable cost has to be set apart for stationery, printing ink and other equipment and maintenance. This process occurs only in the Faculty of Livestock, Fisheries & Nutrition. Further, payment for printing work too are included in this cost.
5. Further, since more field trips are involved where science subjects are taught, cost per student of this Faculty cannot be compared in any way with that of the Faculty of Business Studies & Finance.

#### Faculty of Agriculture & Plantation Management

The B.Sc. in Agriculture Degree Programme consists of lectures, laboratory experiments, projects, field experiments, field visits, research projects and Inplant Training. Therefore, the cost per student is comparatively high. This is common to all Faculties of Agriculture.

In addition, recruitment of staff in the year 2014 and the rapid increase in all expenses including laboratory chemicals and equipment resulted in the increase of the total cost of the Faculty, thus, increasing the cost per student.

#### Faculty of Business Studies & Finance

The increases in goods and services annually has affected the rise of the cost per student in this Faculty.



## Faculty of Applied Sciences

Your attention is drawn to the following reasons which have affected the increase in the per student cost in 2014 :

1. Recruitment of permanent/temporary academic and non-academic employees and the rise in academic staff salaries.
  2. Rise in the research allowance paid to academic staff
  3. Rise in salary scales in 2014 of academic and non-academic staff members due to promotions and parallel increase of UPF, ETF and Pension contributions borne by the University, and the rise in Cost of Living and other allowances.
  4. Rise in costs of material required for practical laboratory experiments (electronic equipment).
  5. Printing of the Handbook issued to new admissions and the high printing costs.
  6. Sending staff for educational and in-service workshops for their professional upliftment
  7. With the increase of student numbers, the number of Mahapola/Bursary payments increase and the increase of the amounts paid to them as Mahapola/Bursary.
  8. Directing students towards various educational programmes in the student centered learning system.
- (c) Significant number of students selected for four faculties of the University had gone on transfers to other universities on various grounds. Out of the total number of students registered in the University during the academic year, 155 students had gone on transfers to other Universities and it was 15 per cent of the number of registered students. Accordingly, the doubt, that the resources allocated for these transferred students within the University had been fruitless, could not be ruled out. A proposal had not been made even in the year under review for the prevention of wasting these resources by paying attention on the students those who are qualified but deprived of the opportunity to enter the Universities.

### Faculty of Applied Sciences

According to the Student Handbook issued by the University Grants Commission, when students are sent to other Universities for higher courses it was compulsory for them to accept such transfers. Due to this reason, the number of students transferred to other Universities is 59. The percentage of students transferred in 2012 was 68%, and this has decreased to 25% in 2013. In the year 2014 too, the percentage was 25%.

In addition to the number of students admitted initially to the Faculty of Applied Sciences, admission of students as per the lists sent from time to time by the University Grants Commission and transfer of registered students to other Universities continued. This situation continued even after the commencement of the Academic Year 2012/2013 on 24.03.2014 and even in the middle of the academic year students were promoted to higher courses and transferred to other Universities, but the resulting vacancies could not be filled. The quality of the academic programme is adversely affected by the admission of students in the middle of the academic year and the late admissions miss part of the course, and therefore, the Faculty Board decided to stop admitting students.

Accordingly, since it was not possible to fill the vacancies created by the University Grants Commission promoting and transferring students, the percentage of students transferred to other Universities is indicated as 25%.

However, this has been brought to the notice of the University Grants Commission continuously and as a solution to this problematic situation, action has been taken to request for a list of 300 students in the first instance for the Academic Year 2013/2014 so that it could be expected to retain around 200 students after internal transfers are effected and a majority of these students are now following academic programmes at the Faculty of Applied Sciences.

### Faculty of Livestock, Fisheries & Nutrition

**Giving an opportunity for the students initially registered for the degree programmes of this Faculty to later admit themselves for other**

**degree programmes and informing the students directly, is done by the University Grants Commission. This is directly conveyed to the students by the University Grants Commission. The vacancies so created in the Faculties are also handled by the University Grants Commission. The Universities cannot control this process.**

#### **Faculty of Agriculture & Plantation Management**

**Medical, Dental and Allied Medical Sciences are areas for which there is a higher demand. When students apply for university admission according to the subject streams they apply for all areas. Accordingly, it is a common practice for the students to give up the registration at this Faculty and move on to the higher degree programmes. This is a situation beyond our control. Nevertheless, currently, no unfilled vacancies can be seen as new admissions had been made in place of the students who leave.**

#### **Faculty of Business Studies & Finance**

**Inter-University transfers are effected by University Grants Commission on the requests made by the students. Accordingly, the statement that the utilization of resources is fruitless cannot be accepted. The number of students requested was 550. But 467 students were sent. Out of this number, 26 had been transferred by the University Grants Commission. Accordingly, the number was reduced to 441.**

- (d) Although the standard ratio between the number of students and the academic staff of the Faculty of Business Studies & Finance should stand at 18:1, the actual ratio stood at 44:1 and it was observed as an extremely unfavorable position. The standard ratio of other three faculties was 10:1, whereas the actual ratio stood at 12:1 and as such the actual ratio had slightly increased than the standard ratio.

**All vacancies for the year 2014 ratio have been filled. Once the approved cadre positions are filled in 2015, it is believed that this ratio will gradually decrease.**

#### 4.2 Management Inefficiencies

The following observations are made in this connection.

- (a) The agreement which had been entered into with the University by three lecturers of the University at the time of proceeding abroad had been breached by them in the years 2001, 2003 and 2014. As a result, as arrears amounting to Rs. 3,826,651 further remained recoverable to the University, whereas action had not been taken for the recovery of that amount even in the year under review. Due to adopting an easy policy of this nature, the doubt that the lecturers who are proceeding abroad in future utilizing the Government resources would follow this incident as a precedent, could not be ruled out in audit.

**The inability to recover the dues of two lecturers amounting to Rs. 1,542,625.00 are due to the following reasons. Serving of subpoena to Mr. Rupasinghe and the surety in connection with the case filed at the District Court, Anuradhapura had not been possible since they are not residing in the addresses available with us and submitted to the attorney appearing for the case. However, a letter has been forwarded to the address of the University where Mr. Rupasinghe is currently working through the Sri Lankan High Commission in Canada.**

**The letter sent by the University has now been forwarded by the Sri Lankan High Commissioner in Canada to the University where Mr. Rupasinghe is employed. A copy of the relevant letter sent by the office of the High Commissioner is sent herewith. (Annexure 01).**

**The second lecturer mentioned here, Mr. R M W S Rathnayake has been requested for his consent to recover the amount due from his provident fund and the relevant forms for the release of the provident fund have been sent to him. As he did not send a letter of consent it was not possible to recover the dues. However, a letter indicating the amount due from him has been sent to the University in America where he currently works through the Embassy in America.**

**A partial payment has been made by Mr. H A S I Hapuarachchi to the University out of the total due from him. Arrangements have been**

**made to recover part of the balance from his provident fund balance, pension fund and gratuity. He had agreed to pay the balance amount within a period of six years, which has been approved by the Council.**

**Accordingly, the total amount due from him can be recovered.**

- (b) Library books valued at Rs. 4,130,710 had been purchased from an exhibition in the year 2008 for the library situated at the Makandura premises. It had been pointed out by our previous audit queries and reports that many matters of the procurement procedure had not been followed in the said purchase and the requirement, prices and edited year of the books as well had not been taken into consideration. Although the Board of Control of the University had appointed a committee to examine and report this transaction, without taking a formal course of action, a sum of Rs. 4,053,786 had been paid to the respective institution during the year under review. It was observed that a significant amount from the expenditure incurred for the purchase of books had been a fruitless expenditure and the parties responsible for the deviations occurred in the said purchase had not been properly ascertained and necessary course of action had not been taken.

**I do not agree to the statement in the Audit Report that “a sum of Rs. 4,053,786 had been paid to the respective institution during the year under review”. The value of the payment made should be corrected as Rs. 3,772,289.77.**

**Due to certain weaknesses in the procedure followed in the purchase of library books indicated in the Audit Query, the University did not take any action to make payments for same. This was due to the fact that the University does not approve taking action over and above existing rules and regulations, and also, doing so would have tarnished the good name of the University. However, as the relevant books were utilized for over a period of four years from 2008 the we did not have a moral right to continue to refuse making payment.**

**Further, by Government Audit Query No. NW/PT/B/୧୩୩ ୧୧.୧୧.୧୧/2011/05 dated 23<sup>rd</sup> March 2012, it had been strictly emphasized that the University has been brought to disrepute for neglecting to pay the amount of Rs. 4,130,710.00 which was due to**

**Quency Distributors and non-payment because of weaknesses on the part of the University has incurred a loss to the relevant institution.**

**Accordingly, after taking into consideration all facts mentioned above, the Council at its 125<sup>th</sup> Meeting appointed a Sub-Committee to look into the possibility of taking steps to make the payment without going against the existing rules and regulations.**

**Four meetings of the Sub-Committee were held and at the 1<sup>st</sup> meeting the Sub-Committee Members decided that all internal and external audit queries and other documents should be taken into consideration, and that payments should be made after correcting the points made in them. It was further decided that before payments are made, due to the problematic situation, an inspection should also be made on the quoted prices and the responsibility was given to the Internal Audit Division.**

**From the investigation made by the Internal Audit Division it was confirmed that there was a discrepancy in the prices quoted by Quency Distributors and at the 2<sup>nd</sup> meeting of the Sub-Committee it was decided to obtain a discount of 10% on them. Further, in the above investigation certain modifications that should be made in the invoices too were identified and the Sub-Committee decided that the amount should be brought down to Rs. 3,850,288.41 after making relevant adjustments accordingly but before reducing the discount.**

**In order to obtain the agreement of Quency Distributors for the reductions to be made in the payment due to the institution, the 3<sup>rd</sup> Meeting of the Sub-Committee was held with the participation of the institution. Although agreement for other modifications was granted by Quency Distributors, they pointed out that due to the delay of over four years in making payments, they will be able to grant a discount of 2% only, and the final amount agreed was Rs. 3.7 m.**

**At the 4<sup>th</sup> Meeting of the Sub-Committee, the task of preparing the new Procurement Report on the payments which had so far been rejected by the Procurement Committee, was entrusted to the Librarian. Together with the report, a detailed report on all matters taken into consideration as the basis for deciding on the price was also submitted to the Procurement Committee (WU/IA/LIB/QU).**

**After a lengthy discussion, the Procurement Committee at its 101<sup>st</sup> Meeting held on 19.11.2013 approved the said payment and at the 140<sup>th</sup> Meeting of the Council held on 27.11.2013 the payment was approved.**

**In order to resolve the above issue of payment to which the University Grants Commission too had paid special attention, the Chairman, University Grants Commission had appointed its Internal Auditor to give necessary instructions and guidance, and in arriving at the final decision, his contribution too was obtained.**

- (c) In terms of the Letter No. UGC/HR/09/01/75 dated 08 September 2008 of the Chairman of the University Grants Commission, having obtained the sanitary service and maintenance service from a man power institution until the vacancies of the Labour Grades are filled, a sum of Rs. 3,644,770 had been paid for that purpose during the year under review. Although the agreement entered into with the relevant company terminated on 16 September 2013, the service period of the relevant institute had been extended from time to time without stepping into a competitive procurement procedure again.

**The approved cadre for labourers at this University is 82. However, though the maintenance activities of the University had been expanded over the last few years, a corresponding increase in the minor employees had not taken place. Further, a landscape division too has been established during the previous year, but the required minor employees have not been received.**

**In order to carry out efficiently the duties in divisions including the Maintenance Division and the Landscape Division, the minimum requirement of junior employees is about 170. Several rounds of**

**discussions were held on 18.12.2014 and 19.12.2014 with the officials of the University, University Grants Commission, Department of Management Services and the Ministry of Higher Education but no provisions for new cadre have been received so far. Instructions were given at the above discussions, to obtain the labourers from the private outsource suppliers for essential divisions until such time the new cadre are received. Accordingly, with the approval of the Council at present the services of about 20 labourers are obtained through the private outsource supplier.**

- (d) Without conducting a formal study with regard to the students' need on the hostel facilities, a building had been obtained on rent on the payment of Rs. 2,700,000 for the hostel facilities of 89 students. Accordingly, the expenditure incurred for one student was Rs. 30,337 per annum. It was observed that 150 students could be accommodated within this building.

**When applications were called for hostel facilities in the year 2013 more than 125 male students had applied. Accordingly, arrangements were made to lease the Kariyawasam Hostel. Although the number of students eligible for hostel facilities was high the percentage of the students who registered for hostels was low.**

**Further, since the lease period of Kariyawasam Hostel ended on 30.01.2015 after necessary repairs to the building it has been handed over to the owner on 10.03.2015.**

- (e) Although the constructions of animal pens had been completed by the Makandura Livestock Development Project during the year under review, it had not been reported to the Accounts Division and as a result, the cost of Rs. 2,469,713 incurred thereon had not been capitalized.

**After all the basic facilities essential for the animal pens such as electricity, water, safety fence, a security guard for nights and a security hut are fulfilled and the construction work is completed up to a level of utilizing as a farm, capitalization will be done.**



### 4.3 Operating Inefficiencies

The following observations are made.

- (a) Out of the amount totalling Rs. 10,500,000 received from the University Grants Commission for the staff development of the University from the year 2012 up to the year under review, Rs. 1,348,618 or 13 per cent had not been utilized for the relevant purpose.

**The total amount received from the University Grants Commission for staff development of the University from the year 2012 up to the year under review is Rs. 10,500,000.00, Out of this amount from the year 2012 to date the total amount spent for relevant activities is Rs. 9,908,114.83 as follows :**

		2012	2013	2014	2015
<b>Workshops/Lectures</b>		<b>785,615.75</b>	<b>989,047.00</b>	<b>137,288.02</b>	<b>453,248.00</b>
<b>Purchase of Equipment</b>		<b>3,770,319.80</b>	<b>1,917,005.00</b>	<b>402,106.02</b>	<b>169,304.00</b>
<b>Donations</b>	<b>WINC</b>			<b>1,000,000.00</b>	
	<b>UReS</b>			<b>75,000.00</b>	<b>74,000.00</b>
	<b>AGRES</b>			<b>75,000.00</b>	
	<b>Siyapatha</b>				<b>60,181.24</b>
<b>Total</b>		<b>4,555,935.55</b>	<b>2,906,052.00</b>	<b>1,689,394.04</b>	<b>756,733.24</b>
<b>Total Expenditure</b>					<b>9,908,114.43</b>

**Balance as at 31.12.2015                      Rs. 591,885.17 (10,500,000.00– 9,908,114.83)**

**The balance is continued to be utilized for relevant work.**

- (b) Although certain constructions had been carried out by the Maintenance Division of the University, building materials amounting to Rs. 1,647,590 purchased under the Livestock Development Programme had not been included in the inventories of the Makandura Maintenance Division.

**The Works Supervisor had recommended that the material has been received by the University and have been used for the particular work, and payments have been made with the approval of the Head of the Department of Livestock & Avian Sciences and the Dean.**

#### 4.4 Transactions of Contentious Nature

The following observations are made.

- (a) An amount of 5000 Pounds (Rs. 980,200) granted to a female lecturer of the University for the researches conducted after the Post Graduate Doctorate Degree had been credited to her personal account. The crediting of money on the approval granted by the letter No. C/141/48SUPP dated 21 January 2014 of the Board of Control of the University despite the objections regarding this matter had been contentious. The fact that this lecturer had received money for the relevant researches as a result of her being a lecturer of the Sri Lanka Wayamba University, could not be ruled out in audit.

**Although all funds received by the University should be credited to the University funds as per Section 99 (1) of the Universities Act, the amount of £ 5000 received by the relevant lecturer on 20<sup>th</sup> January 2014 for postdoctoral research was credited to her personal account on the request made by her to the Vice-Chancellor by letter dated 09.01.2014. (Annexure 2).**

**The relevant institution had granted the funds to her for relevant research expenses under the agreement entered by her with the Association of Commonwealth Universities. This amount was credited to her account with the approval granted by the Council at its 141<sup>st</sup> Meeting held on 21.01.2014. (Annexure 3).**

**Further, she has informed in writing to the Senior Assistant Registrar, Academic Establishments by letter dated 10.07.2015 that the funds had been utilized for the relevant research expenses. (Annexure 4).**

**Accordingly, I would like to indicate that the relevant action has been taken with necessary approval.**

- (b) Preparation of estimates, signing agreement and payment of money of the projects of the construction of two student hostels at the Makandura premises had been carried out by the Ministry of Higher Education. The responsibility on the ground preparation activities before the commencement of the construction had been entrusted to the University and the University had spent Rs. 1,640,510 for that purpose. However, without any

agreement between the contractor and the University, the University had paid Rs. 5,341,038 from the University Fund in respect of the construction of building of the project.

**The University had to make the payments on the additional work on the contract awarded by the Ministry of Higher Education. The payments for these additional work were made with the approval of the University Grants Commission. The agreement of the Ministry of Higher Education is valid for this.**

#### **4.5 Uneconomic Transactions**

The following observations are made.

- (a) When hostels were taken on rent by the University, a sum of Rs. 246,000 exceeding the assessed value had been paid and the approval of the Board of Control had also been given in that respect.

**In renting hostels for the University, negotiations were made to bring down the bids made by tenderers to match the valuation reports obtained from the Valuation Department for the relevant houses/ buildings. Although it was possible to bring down the bids to a certain extent, the relevant parties did not agree to reduce the amounts to the approved value of assessment. With the approval of the Council, action was taken to pay the house rents agreed with the relevant parties.**

- (b) Two lecturers of the Makandura premises had hired two vehicles to proceed Colombo on a same day in the year under review and paid rent totalling Rs. 10,998 made up of Rs. 5,850 and Rs. 5,148 and it was observed uneconomical.

**Mr. W A D V Weerathilake, Lecturer, Department of Livestock & Avian Sciences, Faculty of Livestock, Fisheries & Nutrition had applied for a vehicle to leave for Colombo at 7.00 a.m. on 10.09.2014. This was to attend an interview at the British High Commission to obtain visa to go overseas for higher education purposes. Further, Mr. Weerathilake had applied for transport facilities from his house in Giriulla to Colombo and the route was**

from Makandura to Giriulla and from there to Colombo. For purposes such as the above, he should be present at a particular time and the time that would be taken for the matter cannot be determined in advance.

Further, Mr. D N Liyanage, Senior Lecturer, Department of Food Science & Technology of the same Faculty had also requested for a vehicle on the same day at the same time to visit Techno Forms to purchase a colour printer. The printer was obtained under a project and it was large in size. The removal of a seat in the vehicle was inevitable to transport the printer. During this period of time the annual examinations of the Faculty were being held and the printer was required to print examination papers. Also, the printer at the Department of Food Science & Technology was also out of order, and since this printer was a multi-purpose machine (photocopying, computer printouts (colour and black & white), scanning, etc.) an urgent need had arisen at the Department to obtain the printer. Accordingly, I believe the urgency for the purchase of this printer is clear. Mr. Liyanage, Senior Lecturer, had obtained this transport facility on the route Makandura to Colombo.

The amounts mentioned in the query for the expenses for the two trips above were incorrect and should be corrected as follows : The mileage for the trip for Mr. Weerathilake was 195 km. and the amount paid was Rs. 5,850.00. It did not have air conditioning facility and the rate was Rs. 30.00/km. For the trip of Mr. Liyanage 143 km. had been traveled and the amount paid was Rs. 5,148.00. The vehicle was an air-conditioned one and the payment was made at the rate of Rs. 36.00/km.

Accordingly, the amount paid for both trips was Rs. 10,998.00 and it is Rs. 3,042.00 less than the amount indicated in the audit query.

- (c) In terms of the Ministry of Finance and Planning Circular No. 150 dated 07 December 2010, once the new vehicles are purchased the vehicles should not be hired, whereas the University had purchased 05 motor vehicles in the year 2013 and a sum of Rs. 2,724,456

had been paid for the hired vehicles. It was an increase of 50 per cent as compared with the preceding year.

**Although there is a van, bus and two motor cars assigned to the two Deans available at the Makandura Premises of the Wayamba University of Sri Lanka, these vehicles are not sufficient to provide transport facilities for the field trips, academic trips and sports activities of the students. Further, since vehicles are extensively required for meetings of the staff, seminars and practical training programmes, Heads of Departments request for hired vehicles. Accordingly, hired vehicles had been obtained.**

#### **4.6 Weaknesses in the Contract Administration**

The following observations are made.

(a) Instances were observed that additional expenditure had been incurred due to non-completion of work within the agreed period and several instances so observed are given below.

(i) Although the agreed period for the completion of the construction of the Faculty of Business Studies & Finance building of the Kuliyaipitiya premises terminated on 27 January 2011, after the completion of the construction, the building had been handed over on 28 November 2013. Any bills had not been produced for the payment activities after that date up to January 2015. The delays in the constructions are subject to computation of price variations and the payments so far made for the price variation had been Rs. 10,363,120. The reasons adduced for this matter could not be accepted in audit.

**Reasons have not been produced for price variations and the Consultants had computed the price variations as per the agreement and the contract period.**

(ii) Although the construction of the individual hostel building at the Makandura premises should have been completed in the year 2012, it had been completed and handed over in the year 2013. However, any bill had not been presented for that building as well during the year under review and a sum of Rs. 2,424,959 had been paid in respect of the price variation for the 7<sup>th</sup> bill produced in the year 2015. While

the State Engineering Corporation had stated by its letter dated 18 September 2012 that the delay in the construction had occurred due to the poor construction work of the contractor, granting approval for the payment of price variations was questionable.

**As per the agreement, conditions pertaining to variations are cancelled with the extension of the contract period. Since the consulting institute had accepted and approved the reasons for extension, the price variation has to be paid.**

**Accordingly, the warning letter dated 18<sup>th</sup> September 2012 issued by the State Engineering Corporation has no connection with the above fact.**

- (b) A sum totaling Rs. 34,085,902 which continued to exist over a period of one year as the work-in-progress in the account had further remained unchanged. It included the balances older than 02 years.

**Expenses borne for constructions and rehabilitation work during the year are debited to the work-in-progress account and related payment reports of all projects are forwarded to the Capital Works Division and action is taken to capitalize the cost of the completed work during the year.**

#### **4.7 Personnel Administration**

The following observations are made in respect of the approved and actual cadre of the University as at 31 December 2014.

- (a) Although the approved cadre of the University for the year under review stood at 275, the actual cadre stood at 255. Due to the absence of the lecturers with special competencies for certain subjects in some faculties, 69 visiting lecturers had been recruited and a sum of Rs. 8,508,195 had been paid as their salaries during the year under review.

**The approved cadre of academic staff of the University is 275, but the actual cadre is 255. Accordingly, although the no. of vacancies is 20, services of visiting lecturers are obtained for the different academic departments due to the shortage of lecturers with special**

**competencies in the respective subjects in the departments. Further, there are occasions where some of the Lecturers (Probationary) have obtained study leave for purpose of acquiring postgraduate degree for confirmation in the post and grade promotions. Due to this reason too there are occasions where there were insufficient academic staff for teaching activities of the different Departments of Study. Therefore, in order to meet this shortage the services of visiting lecturers had to be obtained. It can be stated that by recruiting visiting lecturers in order to carry out the academic programmes of the students without interruptions no disservice has been made.**

- (b) According to the approved cadre, there were 26 vacancies in the posts of minor employees, but it did not affect the smooth functioning of the day to day activities of the University. Nevertheless, 12 labourers had been recruited from a man power institution during the year under review stating various reasons and a sum of Rs. 3,644,770 had been paid as their salaries.

**Please see answer for 4.2 (c).**

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

### **5.1 Action Plan**

The following observations are made.

- (a) In terms of Section 5.1.2 of the Public Enterprises Circular No. PED/12 dated 02 June 2003, the Management is responsible for the preparation of an Action Plan including clearly identified activities for the achievement of objectives and targets of an institute within the planned business period (year). Nevertheless duly prepared Action Plan for the year under review had not been furnished to audit.

**An Action Plan for the year 2014 alone has not been prepared, but the Corporate Plan for 2013-2017 consists of the Action Plan of the University for the period 2013-2017.**

- (b) In the informal Action Plan submitted, a provision of Rs. 12,500,000 had been made under the Rehabilitation and Development of buildings, whereas it had been shown as Rs. 37,500,000 in the final account of year under review. Although a sum of Rs.

12,500,000 had been allocated for 10 items of work according to the Action Plan, 51 items of work had been carried out without being complied with the Action Plan and a sum of Rs. 39,577,470 had been spent for that purpose during the year under review.

**Action Plan for Rehabilitation work is prepared six months prior to the relevant year, but the relevant divisions make changes in the priority of the planned work and send job cards to the Capital Works Division for essential works. Accordingly, a disparity in the works can be seen.**

(c) Although it was expected to carry out a number of projects valued at Rs. 455,000,000 for the construction of building, it was observed that the progress of those projects were not at a satisfactory level by the end of the year under review. With the provisions saved in the previous year for the projects namely Faculty Building of Business Studies and Academic Bachelor Building, a sum of Rs. 5,398,871 had been saved as at the end of the year under review. Further, savings totalling Rs. 14,515,623 had been made by 49 per cent from the Makandura Medical Centre, 96 per cent from the Kuliyaipitiya Service Centre, 20 per cent from the arrangement of playground and 93 per cent for the skills of the Department of Sports. A sum of Rs. 23,120,397 had been spent exceeding the total provisions of 08 items of work.

**All allocations received for construction projects for the year have been spent within such projects on receipt of bills for each of the projects.**

## **5.2 Budgetary Control**

In the preparation of Budget over estimation of 40 items of expenditure had been prepared while the expenditure of 20 items had exceeded the budgeted provision. The entire provision 2 items of expenditure had not been spent and expenditure for 03 items had been incurred without provisions. As such, it was observed that the budget had not been utilized as an effective instrument of management control by the University.

**Estimates are prepared based on the actual expenditure of the previous years, the plans of the forthcoming year and different hypotheses. Fluctuations in the macroeconomic conditions and unexpected changes result in variations and action will be taken in future to minimize such variations.**



### 5.3 Unresolved Audit Paragraphs

A female lecturer who had submitted one project proposal during the period 2010 - 2011 had been paid a sum of Rs. 99,882 in respect of that project. Although the research report relating to that project should have been submitted at the end of February 2013, it had not been submitted even by 30 June 2015.

**The research report submitted to the Vice-Chancellor by the relevant Lecturer was tabled before the Audit Committee at its 51<sup>st</sup> Meeting. Due to the problematic situation, it was forwarded to the University Research Committee as decided by the Audit Committee.**

**In order to confirm its accuracy the University Research Committee has forwarded the research proposal and the research report to an external committee consisting of experts in the relevant field.**

### 5.4 Tabling of Annual Reports

The Annual Report should be tabled in Parliament within 150 days of closure of the relevant year in terms of Section 6.5.3 of the Public Enterprises Circular No. PED/12 dated 02 June 2003 and Section 14 (1) of the Financial Act No. 38 of 1971. Nevertheless, the Annual Report for the year 2012 had not been tabled in Parliament.

**Fifteen printed copies and 350 CDs of the trilingual Annual Report for 2012 has been handed over to the Parliament on 12.11.2015 for tabling at Parliament.**

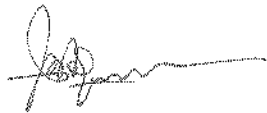
## 6. Systems and Controls

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

- (a) Budget
- (b) Purchase of Library Books and Periodicals
- (c) Constructions Contracts
- (d) Granting Advances
- (e) Conducting External Courses
- (f) Stock Control
- (g) Personnel Administration

- (h) Procurement Process
- (i) Motor Vehicle Control
- (j) Control over External Lecturers

**It is kindly informed that action is being taken to minimize the deficiencies pointed out in the Audit Report.**



Prof. S J B A Jayasekera  
Vice-Chancellor **VICE-CHANCELLOR**  
WAYAMBA UNIVERSITY OF SRI LANKA  
KULIYAPITIYA

*Annexure:*

# **Details of Research, Innovation and Publications**

## **2014**

- Faculty of Agriculture & Plantation Management
- Faculty of Applied Sciences
- Faculty of Business Studies & Finance
- Faculty of Livestock, Fisheries & Nutrition

## **Faculty of Agriculture & Plantation Management**

### **a. Researches**

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Synthesis and Antimicrobial Effects of Silver Nanoparticles of <i>Azadirachta indica</i> (Neem) Leaf Extract.	Kumari AHVV, Vivehananthan K, Fernando CAN and Srirathan B	√				√		Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium, Wayamba University of Sri Lanka. Pp 205-209. ISSN 2386-1487
2	Heavy Metal Analysis to Evaluate the Quality of the Neem ( <i>Azadirachta indica</i> ) Leaf Extract for Wastewater Treatment.	De Silva MCJ <sup>1</sup> , Vivehananthan <sup>1</sup> K, Iqbal <sup>2</sup> MCM, Srirathan <sup>1</sup> B	√				√		Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium, Wayamba University of Sri Lanka. Pp 175-179. ISSN 2386-1487
3	Identification of rhIA Gene involved in Biosynthesis of Rhamnolipid Biosurfactant in <i>Pseudomonas aeruginosa</i> .	Batheegama BGARL, Vivehananthan K, Amirthagunanathan S. and Dassanayake MP	√				√		Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium, Wayamba University of Sri Lanka. Pp 170-174. ISSN 2386-1487
4	Immunostimulatory Activity of Sri Lankan Wild Type <i>Carica papaya</i> L. Mature Leaf Concentrate in a Rat Model.	Jayawardhane <sup>1</sup> NDCKK, Jayasinghe <sup>2</sup> CDK. Vivehananthan <sup>1</sup> K and Udagama <sup>2</sup> PV	√				√		Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium, Wayamba University of Sri Lanka. Pp 195-199. ISSN 2386-1487
5	Investigating Soil Microbial Properties in Potential Management Zones of Paddy Fields in the Intermediate Zone of Sri Lanka.	Wickramanayake WPKK, Balasooriya WK, Vivehananthan <sup>1</sup> K, Rajapaksha RWPM and Vitharana UWA	√				√		Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium, Wayamba University of Sri Lanka. Pp 230-234. ISSN 2386-1487

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
6	Direct Detection and Identification of <i>Pseudomonas aeruginosa</i> in Industrial Effluent for Bioremediation	Amirthagunanathan S, Vivehananthan K and. Rajapaksha R.W.P.M		√				√	Proceedings of Wayamba International Conference, WinC 2014, Wayamba University of Sri Lanka. Pp 63
7	Characterization and Comparison of the Promoter Region of the Rubber Elongation Factor Gene (ref) of <i>Hevea brasiliensis</i> and <i>Hevea spruceana</i>	N.M.H. Edirisinghe, D.P.S.T.G. Attanayaka, S. Amirthagunanathan, N.V. Chandrasekeran	√						Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium, Wayamba University of Sri Lanka. Pp 180-184. ISSN 2386-1487
8	Construction of a Genomic Library of <i>Hevea brasiliensis</i> Cultivar RRIC121, for Screening Promoter Sequence of Rubber Elongation Factor(ref) Gene	B.N. Erandika, D.P.S.T.G. Attanayaka, S. Amirthagunanathan, N.V. Chandrasekeran	√						Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium, Wayamba University of Sri Lanka. Pp 185-189. ISSN 2386-1487
9	Alpha Amylase from <i>Geotrichum candidum</i> ; Gene Sequencing and Protein Structure Prediction	D.S. Liyanage, S.N.T. De Silva, W.I.W.H.M.E.H. Wettewa, D.P.S.T.G. Attanayaka	√				√		Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium, Wayamba University of Sri Lanka. Pp 215-219. ISSN 2386-1487
10	Alpha Amylase Production from <i>Geotrichum candidum</i> Using Agriculture Wastes.	M.J.M.S. Kurera, S.N.T. De Silva, R.W.P.M. Rajapakse and N.V. Chandrasekharan	√				√	√	Proceedings of 13th Agricultural Research Symposium, Wayamaba University, 2014
11	Detection of LTA (GT) <sub>n</sub> Polymorphism in a Group of Patients with Type 2 Diabetes in Sri Lanka,	R.D.C.M.H. Siriwardhana, S.N.T. De Silva, N.S. Perera and D.J.S. Fernando	√				√		Proceedings of 13th Agricultural Research
12	Development of a PCR based method to detect <i>Staphylococcus aureus</i> in bovine subclinical mastitis	W.T.Ravinath, R.M.S.B.K.Ranasignhe, S.N.T. De Silva, R.M.C. Deshapriya, R.W.P.M. Rajapaksa	√				√	√	Proceedings of Ruhuna International Conference 27-th November 2014

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
13	Evaluation of an effective and economical method for extraction of DNA from frozen buffy coats of cattle blood	C.S. Liyanage R.M.S.B.K. Ranasignhe, S.N.T. De Silva	√				√		Abstract UReS, Faculty of Livestock, Fisheries and Nutrition, Wayamba University of Sri Lanka
14	Exploration of Relationship between Fragrant Gene and Growth Performances of Fragrant Rice ( <i>Oryza sativa</i> L.) Seedlings under Salinity Stress	Y M A M Wijerathna, N S Kottearachchi, Gimhani D R and D N Sirisena		√					Journal of Experimental Biology and Agricultural Sciences, February - 2014; Volume – 2(1)
15	Mapping of salinity tolerant QTLs on chromosome 1 in rice ( <i>Oryza sativa</i> ) using RILs derived from At354 and Bg352	D.R.Gimhani, N.S. Kottearachchi, W.L.G.Samarasinghe and Glenn B Gregorio		√				√	Poster presented at the 4th International Rice Congress, 27 October-1 November 2014, Bangkok, Thailand
16	Analysis of QTL for salinity tolerance on chromosome 4 in rice	B.A. Dahanayaka, N.S. Kottearachchi, D.R. Gimhani, W.L.G. Samarasinghe		√				√	Poster presented at the 4th International Rice Congress, 27 October-1 November 2014, Bangkok, Thailand
17	Assessment of seedling tolerance of Srilankan rice ( <i>Oryza sativa</i> ) germplasm under salt stress using SSR markers linked with Saltol QTL	N.S. Kottearachchi, B.A. Dahanayaka, D.R. Gimhani		√				√	Poster presented at the 4th International Rice Congress, 27 October-1 November 2014, Bangkok, Thailand
18	Allelic diversity and seedling tolerance of some rice ( <i>Oryza sativa</i> ) germplasms under salt stress	B.A. Dahanayaka, N.S. Kottearachchi, D.R. Gimhani and W.L.G. Samarasinghe		√				√	1st Ruhuna International Science & Technology Conference, University of Ruhuna, Matara, Sri Lanka, Matara, Sri Lanka, January 22-23, 2014
19	Progress towards mapping of a QTL for salinity tolerance on chromosome 4 in rice	B.A. Dahanayaka, N.S. Kottearachchi, D.R. Gimhani and W.L.G. Samarasinghe		√				√	1 <sup>st</sup> Wayamba University International symposium
20	Microsatellite marker based hybridity assessment for salinity tolerance in rice	D.R. Gimhani, N.S. Kottearachchi, W.L.G. Samarasinghe	√						Journal of Agricultural Sciences-Sabaragamuwa University of Sri Lanka –Volume 9- No2- May issue 2014

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
21	NATIONAL THEMATIC RESEARCH PROGRAM ON FOOD SAFETY:“Assessing Internal and External Trade Policies and Practices Affecting Food Security in Sri Lanka, and Identifying Areas for Improvement”	JMUK Jayasinghe	√						Funds:National Science Foundation of Sri Lanka (NSF) [NTRP/2012/FS/PG-04/P-01] (2012 – 2015)
22	Innovative Use of Low Cost Information Communication Technology for Knowledge Mobilization in Agricultural Communities of Practice in Sri Lanka	JMUK Jayasinghe	√						Funds: Wayamba University Competitive Research Grants [SRHDC/RP/04/13-05] (2013 – 2015)
23	Farmers’ Valuation of Agrobiodiversity in Home Gardens: A Case Study in Kurunegala District	JMUK Jayasinghe	√						Funds: Ministry of Environment and Renewable Energy (2013 - 2014)
24	Distributional Impacts of Climate Change on Smallholder Agriculture in Sri Lanka.	JC Edirisinghe		√					Funded by: South Asian Network for Development and Environmental Economics (SANDEE), Nepal, 2014
25	Farmers’ Valuation of Agro Biodiversity in Home Gardens: A Case Study in Kurunegala District.	JC Edirisinghe	√						Funded by Ministry of Environment and Renewable Energy, 2014
26	Internal & External Trade Policies on food security	JC Edirisinghe		√					
27	Assessing Internal and External Trade Policies and Practices Affecting Food Security in Sri Lanka, and Identifying Areas for Improvement”	HMLK Herath	√						NATIONAL THEMATIC RESEARCH PROGRAM ON FOOD SAFETY:
28	Screening of Local and Introduced Varieties of Pogostemonheyneanus Benth. (Lamiaceae), for Superior Quality Physical, Chemical and Biological Parameters.	Dharmadasa, R.M., Rathnayake, R.M.D.H., Abeysinghe, D.C., Rashani, S. A. N., Samarasinghe, K. and Attanayake, A.L.M.		√					World Journal of Agricultural Research, 2 (6): 261-266.



No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
29	Secondary Metabolites Contents and Antioxidant Capacities of <i>Acmella oleracea</i> Grown under Different Growing Systems.	Abeyasinghe, D.C., Wijerathne, S.M.N.K. and Dharmadasa, R.M.		√					World Journal of Agricultural Research, 2 (4): 163-167.
30	Determination of Optimum Maturity Stage for <i>Ocimum sanctum</i> L. Grown under Different Growing Systems in Terms of Therapeutically Active Secondary Metabolites.	Abeywardhana, K.W., Abeyasinghe, D.C., Dharmadasa, R.M. and Aththanayake, A.M. L.		√					World Journal of Agricultural Research, 2 (4): 159-162.
31	Survey on medicinal materials used in traditional systems of medicine in Sri Lanka.	Kankanamalage, T.N.M., Dharmadasa, R.M., Abeyasinghe, D.C. and Wijesekara, R.G.S.A.		√					Journal of Ethnopharmacology, 155 (1) 679-691. (SCI)
32	Effect of Heat and Drought Stress on the Development of Reproductive Organs of Different Coconut ( <i>Cocosnucifera</i> L.) Cultivars under Controlled Pollination Conditions in Sri Lanka.	Amarasinghe, K.G.A.P.K., Ranasinghe, C.S., Abeyasinghe, D.C., Perera, A.A.F.L.K.		√				√	Proceedings of 2nd International Conference on Advance in Plant Sciences, 18th -22nd November 2014, Kuching, Malaysia. 34
33	The Sri Lankan Tea Industry: Current Status and Future Trends.	Abeyasinghe, D.C.		√				√	Proceedings of International Symposium on Tea Science and Tea Culture 2014, 4th - 6th November 2014, Jeju, Korea. 23-24.
34	Phenolic constituents, caffeine and antioxidant capacities in green, oolong and black tea processed from tender leaves of four cultivars.	Abeyasinghe, D.C., Amarakoon, A.M.T. and Jayathilake, M. A.K.		√				√	Proceedings of International Symposium on Tea Science and Tea Culture 2014, 4th - 6th November 2014, Jeju, Korea. 33.
35	Effect of Dhool Temperature on Quality of Orthodox Rotorvane Tea and Its Grade Outturn Percentage Manufactured using Two End Attachments in Different Degrees of Wither.	Abeyasinghe, D.C., Botheju, W.S. and Delgamuwa, D.P.K.R.		√				√	Proceedings of International Symposium on Tea Science and Tea Culture 2014, 4th - 6th November 2014, Jeju, Korea. 72.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
36	Morphological and Molecular Differences of Exobasidiumvexans Massee Causing Blister Blight Disease of Tea.	Abeyasinghe, D.C., Mewan, K.M., Kumari, W.M.S.S. and Kumara, K.L.W.		√				√	Proceedings of International Symposium on Tea Science and Tea Culture 2014, 4th - 6th November 2014, Jeju, Korea. 96.
37	Antioxidant capacity, phenolic and flavonoid contents of parts of Ocimum sanctum L. grown under different growing systems and maturity stages.	Abeywardhana, K.W., Abeyasinghe, D.C. and Dharmadasa, R.M.	√				√		Proceedings of the 70th Annual Session - 2014, Part I Abstract Sri Lanka Association for the Advancement of Science (SLAAS), 01st - 05th December 2014, University of Colombo. 12.
38	Suitable maturity stage, types of cuttings and potting media for vegetative propagation of Pogostemonheyneanus Benth.	(Rathnayake, D., Abeyasinghe, D.C. and Dharmadasa, R.M.	√				√		Proceedings of the 70th Annual Session - 2014, Part I Abstract Sri Lanka Association for the Advancement of Science (SLAAS), 01st - 05th December 2014, University of Colombo. 13.
39	Antibacterial Properties of Selected Black Tea Grades Grown in Three Different Elevations of Sri Lanka.	Weerakkody, W.J.S.K., Abeyasinghe, D.C. and Amarasinghe, W.V.T.D.	√				√		Proceedings of 1st Wayamba International Conference (WinC), Wayamba University of Sri Lanka, 29th – 30th August 2014, Sri Lanka, 286.
40	Workers' Perception towards the Development Initiatives in Tea Plantation Sector in Kandy District of Sri Lanka.	Abeyasinghe, D. C. and Perera, D.A.M.	√				√		Proceedings of 1 <sup>st</sup> Wayamba International Conference (WinC), Wayamba University of Sri Lanka, 29th – 30th August 2014, Sri Lanka, 243.
41	Impact of Anthropometric and Demographic Characteristics of Pluckers on Tea Plucking Efficiency.	Perera, D.A.M. and Abeyasinghe, D. C.	√				√		Proceedings of 1 <sup>st</sup> Wayamba International Conference (WinC), Wayamba University of Sri Lanka, 29th – 30th August 2014, Sri Lanka, 269.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
42	Determination of Optimum Maturity Stage for <i>Ocimum sanctum</i> L. Grown under Different Growing Systems in Terms of Therapeutically Active Secondary Metabolites.	Abeywardhana, K.W., Abeysinghe, D.C. and Dharmadasa, R.M.	√				√		Proceedings of 13 <sup>th</sup> Agricultural Research Symposium, August, 2014, Sri Lanka, 412-416.
43	Suitable Maturity Stage, Type of Cuttings and Potting Media for Vegetative Propagation of <i>Pogostemon heyneanus</i> Benth.	Rathnayake, R.M.D.H., Abeysinghe, D.C. and Dharmadasa, R.M.	√				√		Proceedings of 13 <sup>th</sup> Agricultural Research Symposium, August, 2014, Sri Lanka, 456-460.
44	Antioxidant Capacities, Phenolic and Flavonoid Contents of <i>Acmella oleraceae</i> Grown under Different Growing Systems.	Wijerathne, S.M.N.K., Dharmadasa, R.M. and Abeysinghe, D.C.	√				√		Proceedings of 13 <sup>th</sup> Agricultural Research Symposium, August, 2014, Sri Lanka, 476-480.
45	Effect of Heat and Drought Stress on Quality of Male and Female Flowers of Coconut ( <i>Cocos nucifera</i> L.) Cultivars Used for Hybrid Seed Production.	Peiris, N.C., Ranasinghe, C.S., Abeysinghe D.C. and Amarasinghe, K.G.A.P.K.	√				√		Proceedings of 13 <sup>th</sup> Agricultural Research Symposium, August, 2014, Sri Lanka, 446-450.
46	Effects of Heat and Drought Stress on the Development of Reproductive Organs of Different Coconut ( <i>Cocos nucifera</i> L.) Cultivars under Controlled Pollination Conditions in Sri Lanka.	Apsara Amarasinghe Sanathanie Ranasinghe Chandana Abeysinghe Lalith Perera		√				√	Proceedings of 2nd International Conference on Advances in Plant Sciences, University Technology MARA, Kuching, Sarawak, Malaysia. 60.
47	Heat and Drought Stress Effect on Pollen Quality of Major Pollen Donors in Coconut ( <i>Cocos nucifera</i> L.) Used for Artificial Hybridization Programme in Sri Lanka.	Amarasinghe, K.G.A.P.K. Ranasinghe, C.S. Abeysinghe D.C. Perera, A.A.F.L.K		√				√	Proceedings of Wayamba International Conference, Wayamba University of Sri Lanka. 245.
48	Efficiency of Agricultural Byproducts as Substrates for Mass Production of Entomopathogenic fungus <i>Beauveria bassiana</i> (Balsamo) Vuillemin which Control Coffee Berry Borer ( <i>Hypothenemus hampei</i> (Ferrari))	Subasinghe, M.R.V.N. Amarasinghe, K.G.A.P.K. Dharmadasa, M.		√					in proceedings of International Conference of Agricultural Sciences, Sabaragamuwa University of Sri Lanka. 88.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
49	Evaluation of Nutrient Removal and Soil Available Nutrient Composition in Relation to Fresh Ginger ( <i>Zingiber officinale</i> ) Yield.	Witharana, U.P.P.C. Weerawardena, P. R. Idamekorala, P.R. Amarasinghe, K.G.A.P.K.	√						Proceeding of 13 <sup>th</sup> Agricultural Research symposium, Wayamba University of Sri Lanka. 481-485.
50	Enhancement of Decomposability of Black Tea Waste (Refused Tea) by Amelioration of C:N Ratio using Commonly Available Organic Materials and Microbial Inoculants.	Dissanayake, D.M.S.M. Weerakkody W.J.S.K. Amarasinghe, K.G.A.P.K.	√						Proceeding of 13 <sup>th</sup> Agricultural Research symposium, Wayamba University of Sri Lanka. 417 - 421.
51	Influence of Tree Girth on the Incidence of Tapping Panel Dryness in some <i>Hevea brasiliensis</i> clones.	L.B. Dunsford and R.C.W.M.R.A. Nuagawela	√						Proceedings of 13 <sup>th</sup> Agricultural Research Symposium, August, 2014, Sri Lanka, 422-426.
52	Low Frequency Tapping Systems to Improve Economics Performance of Rubber Plantations.	B.G.C.A. Gamlath, D.P.N. Senivirathna and R.C.W.M.R.A. Nuagawela	√						Proceedings of 13 <sup>th</sup> Agricultural Research Symposium, August, 2014, Sri Lanka, 427-431.
53	Evaluation of some Native Antagonistic Fungi as Bio control agents for White Root Disease.	K.D.S. Perera, T.H.P.S. Fernando, R.C.W.M.R.A. Nuagawela and D.Siriwardana	√						Proceedings of 13 <sup>th</sup> Agricultural Research Symposium, August, 2014, Sri Lanka, 451-455.
54	Assessment of Cadmium in Inorganic Fertilizer Used in Agriculture.	A.G.S.N. Jayarathna, M.K.F. Nadheesha, N.A. Tennakoon, S.D.M. Chinthaka and M.N.D. Fernandopulle.	√						Proceedings of 13 <sup>th</sup> Agricultural Research Symposium, August, 2014, Sri Lanka, 437-445.
55	Effect of Long Term Phosphorus Fertilizer Application on Phosphorus Solubilizing Bacteria on Coconut Growing Soils.	D.D.H.E. Ganga, I. Herath, P.G. Scynthya and M.N.D. Fernandopulle.	√						Proceedings of 13 <sup>th</sup> Agricultural Research Symposium, August, 2014, Sri Lanka, 432-436.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
56	Dissolution of Eppawala Rock Phosphate in Dry Zone Coconut Growing Soils.	W.D.M.D. Wijerathne, D.M.D.I. Wijebandara and M.N.D. Fernandopulle.	√						Proceedings of 13 <sup>th</sup> Agricultural Research Symposium, August, 2014, Sri Lanka, 471-4375.
57	Quantifying storage root initiation, growth, and developmental responses of sweetpotato to early season temperature.	Gajanayake, B., K.R. Reddy, M.W. Shankle, R.A. Arancibia and A.O. Villordon.		√					Agronomy Journal. 106(5): 1-10.
58	Growth, developmental, and physiological responses of two sweetpotato ( <i>Ipomoea batatas</i> L. [Lam]) cultivars to early season soil moisture deficit.	Gajanayake, B., K. Raja Reddy, M.W. Shankle, and R.A. Arancibia.		√					Scientia Horticulturae.168: 218-228. < <a href="http://www.sciencedirect.com/science/article/pii/S0304423814000223">http://www.sciencedirect.com/science/article/pii/S0304423814000223</a> >
59	Sweetpotato storage root initiation.	Meyers, S.L., R.A. Arancibia, M. Shankle, J. Main, B. Gajanayeke, and K.R. Reddy.		√					Mississippi State University Extension Service Publication. 2809: 1-4.
60	Maize ( <i>Zea mays</i> L.) yield and aflatoxin accumulation responses to exogenous glycinebetaine application.	Reddy, K.R., R. Seepaul, W.B. Henry, B. Gajanayake, S. Lokhande, International Journal of Plant production 8 (2): 271-289. and D. Brand.		√					
61	Screening garden roses for aesthetic quality and a biotic stress tolerance	Gajanayake, B., K.S. Weerasinghe, K.R. Reddy						√	Proceedings of the Wayamba University International Conference, Sri Lanka, August 29-30, 2014, Kuliyapitiya, Sri Lanka.
62	Auxin and Indol Acetic Acid Oxidase Activity during Sweetpotato Storage Root Initiation.	Wang, X., B. Gajanayake, Jeffrey L. Main, Lori Grelen, K.R. Reddy, and R.A. Arancibia		√					Annual Conference of the American Society for Horticultural Science, July 28–31, 2014, Orlando, FL, USA, p. 167-168.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
63	Storage root initiation and indole acetic acid oxidase activity in sweetpotato subjected to high temperature.	Wang, X., B. Gajanayake, K.R. Reddy, and R.A. Arancibia.		√					National Sweetpotato Collaborators Group Annual Conference, January 31-February 1, 2014, Dallas, TX, USA
64	Efficiencies of the Point-centered Quarter and Plot-cocnut Method in Forest Sampling in Barigoda Forest Reserve.	M.K.T. Madushanka, W.A.S Lakmali and S.H. Bandumalla.	√						Proceedings of 13 <sup>th</sup> Agricultural Research Symposium, August, 2014, Sri Lanka, 441-445.
65	Effect of Hormones on Flower Drop in Gherkin ( <i>Cucumis sativus</i> L.)	W.M.K.P.W. Bandara <sup>1</sup> , S.J.B.A. Jayasekera <sup>1</sup> , R.M. Gunarathna Banda <sup>2</sup> and H.A.N.S. Hettiarachchi <sup>2</sup>	√						Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium, 7 <sup>th</sup> – 8 <sup>th</sup> August, 2014. Wayamba University of Sri Lanka
66	Effect of Concentration and Exposure Time of Ethrel on Development of Senescence Spots on the Peel during Ripening Process of Banana	H.L.C. WATHULANDA <sup>1</sup> , K.H. SARANANDA <sup>2</sup> and S.J.B.A. JAYASEKERA <sup>1</sup>	√						
67	Effect of Quantity and Type of Media on Vegetative Growth and Yield of Gherkin ( <i>Cucumis sativus</i> L.) Grown in Polybags	W. M. A. G. B. GUNASEKERA <sup>1</sup> , S. J. B. A. JAYASEKERA <sup>1</sup> , R. M. GUNARATHNA BANDA <sup>2</sup> and H. A. N. S. HETTIARACHCHI <sup>2</sup>	√						
68	<i>Lawsonia inermis</i> (Lythraceae): From the Wild to the Garden	K. Yakandawala and A. M. L. G. Adikari	√						Journal of Environmental Professionals Sri Lanka: 3 (2).48-59
69	Characterisation of Papaya germplasm as a resource to improve <i>Carica papaya</i> L.	Warnakula, W.A.D.L.R., Kottearachchi, N.S. and Yakandawala, K	√						Proceedings of the 70 <sup>th</sup> Annual sessions. Sri Lanka association of Advancement of Science.
70	Abundance and diversity of butterfly fauna of Kaudulla National Park	De Mel, L.M.S and Yakandawala, K.		√					Proceedings of the Wayamba University International Conference, Sri Lanka. 29 - 30 August 2014.
71	Floral rewards of some ornamental <i>Thunbergia</i> Species.	Jayasundara, J.M.N.H and Yakandawala, K.		√					Wayamba University of Sri Lanka,

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
72	Evaluation of Awareness, Perception and Suitability of Murals for Outdoor Landscaping.	Bandara, A.G.A. and Yakandawala, K	√						Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium, 7 <sup>th</sup> – 8 <sup>th</sup> August, 2014. Wayamba University of Sri Lanka
73	Wildlife potential of Zinnia elegans.	Dayananda, N.A. and Yakandawala, K.	√						
74	Propagation of Coccinia grandis (Kowakka) for Commercial Level Cultivation.	Kahangama, I.A. and Yakandawala, K	√						
75	Effect of Extended Pollination Time and Viability of Pollen Storage under Different Temperatures on Seed Yield and Quality of Cucumber (Cucumis sativus L.)	Kumari, A.G.M.N., Fonseka, H., Kumari, H.M.P.S. and Yakandawala, K.	√						
76	Ornamental Aquatic Flower industry in Sri Lanka: Demand, supply and barriers in the market from the vendor's context.	S ubashini, J.K.W.N., Yakandawala, K. and Yakandawala, D.	√						
77	Status of Avenue trees in Cinnamon Garden Area of Colombo City.	Tharik, M.N.M. and Yakandawala, K.	√						
78	Characterisation of Mountain Papaya in Comparison with Carica papaya Cultivars, using Morphological, Inter Simple Sequence Repeat (ISSR) and Simple Sequence Repeat (SSR) Markers.	Warnakula, W.A.D.L.R., Kottearachchi, N.S. and Yakandawala, K.	√						
79	Correlation of some ecological parameters with the invasive behavior of Lantana camara in national parks of Sri Lanka	RWMRPB Rathnayake, B. Ranaweera and MG Eranda	√						
80	Effect of some solid organic fertilizers on traditional rice (Oryza sativa) variety "Suwandel" under organic farming"	MHT Malwenna and B. Ranaweera	√						
81	Evaluation of new insect proof cladding material for oysters mushroom (Pleurotus ostreatus) growing houses	Y.M.Y.D.KUMARI 1, P. RAJAPAKSHE 2 and B.RANAWEERA	√						

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
82	Evaluation of for insecticides and bio preparation for the management of cashew stem and root borer ( <i>Plocaederus ferrugineus</i> L.)	S.M. SIYADH1, B.RANAWEERA1, and H.M.S.P.HERATH2	√						Proceedings of the 13th Agricultural Research Symposium, 7th – 8th August, 2014. Wayamba University of Sri Lanka
83	Establishment of red weaver ant ( <i>Oecophylla smaragdina</i> F.) population in cashew ( <i>Anacardium occidentale</i> L.) plantations in two different agroecological regions.	S.M. ARSADDEEN1 , B. RANAWEERA1 , P.M.A.P.K. WIJETUNGE2 and H.M.S.P. HERATH3	√						
84	Response of Suwandel andBG358 rice ( <i>Oryza sativa</i> ) varieties to organic and inorganic fertilizers.	A.G.C.U.GAMINI and B.RANAWEERA	√						
85	Double Haploid Breeding for Cassava Enhancement, Phase II	P I P Perera	√						Wayamba International Conference
86	Effect of Citric Acid as a Pulse and Vase Solution Additive on Postharvest Longevity of Cut Gerbera and <i>Alstroemeria</i>	H.H.D.I. Lakmali, B.L.S. Balasooriya and R.H.M.K. Ratnayake					√		National Floriculture Research Symposium - 2014, National Botanic Gardens, Peradeniya.
87	Performance of Citric Acid as a Pulsing Agent for Cut Flowers of Gerbera and <i>Alstroemeria</i>	B.L.S. Balasooriya and R.H.M.K. Ratnayake	√						Proceedings of 13th Agricultural Research Symposium - 2014, Wayamba University of Sri Lanka
88	Harvesting and Postharvest Handling Practices of Cut Flowers at Production Sites in the Up Country of Sri Lanka	G.D.R.K. Chandrasaena, R.H.M.K. Ratnayake and J.C. Edirisinghe	√						Proceedings of 13th Agricultural Research Symposium - 2014, Wayamba University of Sri Lanka
89	Effect of Citric Acid as a Vase Solution Additive on Postharvest Longevity of Cut Gerbera and <i>Alstroemeria</i>	H.H.D.I. Lakmali and R.H.M.K. Ratnayake	√						Proceedings of 13th Agricultural Research Symposium - 2014, Wayamba University of Sri Lanka
90	Citric Acid based Vase Solutions for Cut Foliage Stems of <i>Livistonia rotundifolia</i> and <i>Dracaena sanderiana</i>	S.D.M.V.G.A.N. Senavirathne and R.H.M.K. Ratnayake	√						Proceedings of 13th Agricultural Research Symposium - 2014, Wayamba University of Sri Lanka
91	Effects of Citric Acid on Vase Solution Bacterial Population of Cut Gerbera Flowers	T.M.C. Pathmakumari and R.H.M.K. Ratnayake	√						



No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
92	A Protocol for Seed Sterilization of <i>Limonia acidissima</i> L. for In vitro Rootstock Production	C.N. Fernando, R.H.M.K. Ratnayake and N.S. Kottearachchi	√						
93	Xylem plugging and postharvest longevity of cut <i>Acacia holosericea</i> .	K. Ratnayake, D. Joyce and R. Webb						√	Proceedings of 29th International Horticultural Congress, 17 – 22 August 2014, Brisbane, Australia.
94	Phenology of <i>Humboldtia laurifolia</i> : A potential plant for landscaping,	P.R. Udari, R.D.N Debarawatta and K. Yakandawala		√				√	International conference of Agriculture science 9 <sup>th</sup> – 10 <sup>th</sup> January 2014, Faculty of Agricultural Science, Sabaragamuwa University of Sri Lanka. (Page – 75)
95	Effect of Paclobutrazol on Tree Architecture of <i>Helictres isora</i>	Wijesinghe, S.A.E.C., Yakandawala, K., Debarawatta, R.D.N. and Dissanayake, D.M.L.S.		√				√	Proceedings of the Wayamba University International Conference, Sri Lanka, 29 <sup>th</sup> – 30 <sup>th</sup> of August 2014. (Page 289).
96	Effect of Organic and Inorganic Pesticides in Controlling <i>Phyllotreta cruciferae</i> (Flea Beetle) in <i>Raphanus sativus</i> (Radish)	Adikari, A.M.N.S., Debarawatta, R.D.N. and Jayasekera, S.J.B.A.	√					√	Proceedings of 13 <sup>th</sup> Agricultural Research Symposium 7 <sup>th</sup> – 8 <sup>th</sup> August 2014, Wayamba University of Sri Lanka.
97	Consumer Behavior towards the Vegetables in the Kurunegala District	Azardeen, O., Debarawatta, R.D.N. and Edirisinghe, J.C.	√					√	
98	A New Edible Mushroom for Sri Lankan Mushroom Industry	Ruwanthi, M.N., Rajapakshe, P. and Debarawatta, R.D.N	√					√	
99	Effectiveness of Different Mulch Types on <i>Solanum melongena</i> (Brinjal)	Wijesooriya, H.D.S.N., Debarawatta, R.D.N., Yakandawala, K., Dabarera, R. and Sanjeevanie, W.A.P.	√					√	

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
100	Evaluation of the Storing Condition of Low Country Vegetable Seeds Within Sales Centers in Kurunegala District	Wijesooriya, W.M.H.S., Debarawatta, R.D.N. and Edirisinghe, J.C.	√				√		Proceedings of 13th Agricultural Research Symposium 7th – 8th August 2014, Wayamba University of Sri Lanka.
101	Regeneration ability of potential invasive aquatic plant : <i>Ludwigia sedoides</i> L	Debarawatta, R.D.N., Yakandawala, K. and Attanayake, D.P.S.T.G	√				√		National Symposium on Invasive Alien Species (IAS 2014) 27 <sup>th</sup> of November 2014, Sri Lanka Foundation Institute, Colombo 07. (Page 55).
102	Potential invasive aquatics : To Prevent or to Cure ?	Yakandawala, K., Debarawatta, R.D.N., Yakandawala, D.M.D. and Abenayake, N.R	√				√		National Symposium on Invasive Alien Species (IAS 2014) 27 <sup>th</sup> of November 2014, Sri Lanka Foundation Institute, Colombo 07. (Page 60).
103	Seed germination studies of selected annual wild species for low maintenance planting designs.	Wijesinghe, S.A.E.C., Yakandawala, K. and Karunarathne, W. A. I.P		√				√	Proceedings of 1st Wayamba International Conference, 29-30 August 2014. Wayamba University of Sri Lanka, Kuliyaipitiya, Sri Lanka. Pp 93
104	Roadside trees for mitigating particle pollution in urban areas.	Pallawala, P.A.P.M., Wijesinghe, S.A.E.C., Yakandawala, K.		√					Proceedings of 1st Wayamba International Conference, 29-30 August 2014. Wayamba University of Sri Lanka, Kuliyaipitiya, Sri Lanka. Pp 81
105	Development and Quality Evaluation of Ready-To-Serve (RTS) Drinks from Nam-nam ( <i>Cynometra cauliflora</i> ) and Citrus spp fruits.	Thennakoon, T. M. N. S. and Wijesinghe, S. A. E. C. (2014).	√						Proceedings of 13th Agricultural Research Symposium, 7th – 8th August 2014. Wayamba University of Sri Lanka. Pp 392-396.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
106	Development and Quality Evaluation of Jam made from Num-num ( <i>Cynometra cauliflora</i> )	Kodithuwakku, H. M and Wijesinghe, S. A. E. C.	√						Proceedings of 13th Agricultural Research Symposium, 7th – 8th August 2014. Wayamba University of Sri Lanka. Pp. 319-323
107	Availability and Consumer Preference on Processed Fruit products in Kurunagala District.	Ekanayake, E. M. W. D., Wijesinghe, S. A. E. C and Edirisinghe, J. C.	√						Proceedings of 13th Agricultural Research Symposium, 7th – 8th August 2014. Wayamba University of Sri Lanka. Pp.290 – 294
108	Evaluation of Consumer Preference on Different Flavoured Carambola ( <i>Averrhoa carambola</i> ) Jelly.	W.A.E.M.P Manike and Wijesinghe, S. A. E. C.	√						Proceedings of 13th Agricultural Research Symposium, 7th – 8th August 2014. Wayamba University of Sri Lanka. Pp 348-352.
109	Sub species of <i>Pectobacterium</i> confirmed in Potato ( <i>Solanum tuberosum</i> ) (Mont.) wilt disease	D.B. Kelaniyangoda, A.S.A. Salgadoe		√					Proceedings of the 13 <sup>th</sup> International Conference on Plant Pathogenic Bacteria, Shanghai ,China, June 8 <sup>th</sup> - June13 <sup>th</sup> , 2014: 62-63
110	Effect of copper oxide and antibiotic on soft rot disease ( <i>Erwinia</i> spp.) in euphorbia plants	D.B. Kelaniyangoda, I.L.A. Madhuwanti, A.S.A. Salgadoe and S.M.D.S.B. Samarakone		√					Proceedings of the Wayamba University International Conference - WinC 2014, Sri Lanka, 29 <sup>th</sup> -30 <sup>th</sup> August, 2014: 260.
111	Integrated management of <i>Meloidogyne javanica</i> in <i>Nicotiana tabacum</i> .	D.B. Kelaniyangoda, D.R. Ekanayake, A.S.A. Salgadoe and N.N.R. Abeysekera		√					

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
112	Obtaining Standards for Phytophthora infestance Mating types, A1 and A2 causing Potato Late Blight in Sri Lanka,	B.P.K.N. Balasooriya, D.B. Kelaniyangoda, A.S.A Salgadoe and S. Amirthagunanathan, (2014).	√						Proceedings of 13 <sup>th</sup> Agricultural Research Symposium of Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka, Makandura, Gonawila. (7 <sup>th</sup> -8 <sup>th</sup> August 2014 ) :255-259.
113	Effect of storage temperature on the growth of Aspergillus flavus and production of Aflatoxin ,	H.G.S.B. Dharmasiri, D.B. Kelaniyangoda, A.S.A Salgadoe and T. Fernandor,	√						
114	Confirmation of Causal Organism and Their control(in-vitro) for Wilting of Patchouli (Pogostemon cablin),	D.M.L. Dilhani, D.B. Kelaniyangoda and A.S.A Salgadoe,	√						
115	Causal Organism of Dracaena sanderiana Oil Patch disease Detected; by Means of Biochemical and Molecular Methods,	M.K.N.J. Kariyakrawana, D.B. Kelaniyangoda, A.S.A Salgadoe and S. Amirthagunanathan,	√						
116	A Suitable Mushroom Mother Spawn Production Medium and Low Cost Growth Substrate for Oyster Mushroom (Pleurotus ostretus),	R.H.K.P. Kumari, D.B. Kelaniyangoda and A.S.A Salgadoe, (2014).	√						
117	Effect of Floral Preservatives on the Vase Life of Selected Cut Flower and Foliage,.	R.A.C.S. Rupasinghe, D.B. Kelaniyangoda and A.S.A Salgadoe, (2014).	√						

### c. Journals

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	H2 Generation from Cu <sub>2</sub> O Quantum Dots (QDs) Sensitized Cu/p-CuI Photoelectrode	R. D. A. A. Rajapaksha <sup>1</sup> , C. A. N. Fernando and S. N. T. De Silva		√					Invertis Journal of Renewable Energy, Vol. 4, No. 4, 2014 ; pp. 1-5
2	Motives for Firms to Adopt Solid Waste Management Controls: The Case of Food Processing Sector in Sri Lanka	JMUK Jayasinghe	√						Journal of Environmental Science and Management, 17(1): 28-37.
3	Firms' Realization on the Intended Benefits of Adoption of Food Quality Metasystems: Case of Adoption of HACCP in the Agri-Food Processing Sector in Sri Lanka	JMUK Jayasinghe	√						Journal of Agricultural Sciences, 9(1): 12 - 23.
4	Has the Food and Agriculture Sector Played Its Intended Role in Socio-Economic Development of Sri Lanka? An Empirical Investigation	JMUK Jayasinghe	√						Journal of Agricultural Sciences, 9(2): 70 - 77.
5	Cultural Meaning of Consumer Goods: Impact of Cross Cultural Values on Motives for Consuming Conspicuous Goods in Sri Lanka	JMUK Jayasinghe	√						Sri Lanka Journal of Economic Research, 2(1): 19 - 37.
6	Firms' Responsive Towards Quality Management in Bottled Drinking Water Manufacturing Industry in Sri Lanka	JMUK Jayasinghe	√						Sri Lanka Journal of Economic Research, 2(1): 67 - 78.
7	Leadership in the Context of Plantation Sector of Sri Lanka: Exploring the Style, Behavior and Perspectives of Estate Managers	JMUK Jayasinghe		√					South Asian Journal of Management, 21(2): 08 - 21.
8	Exploring the Impact of Food Safety Standards on Global Tea Trade: A Gravity Model Based Approach	JMUK Jayasinghe		√					International Journal of Economic Practices and Theories, 4(6): 979–986.
9	Labour and Weather Related Risks in Smallholder Rubber Production: Evidence From Kalutara District.	JMUK Jayasinghe	√						Tropical Agricultural Research and Extension, 16(3): 87 – 91.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
10	Assessing the Factors Affecting on Creating Over-indebtedness among Paddy Farmers in Kurunegala District,	AMTP Athauda		√					Wayamba International Conference (WinC-2014), Wayamba University of Sri Lanka, Kuliypitiya, August 2014. Pp. 277.
11	Impact of Knowledge Management on Product Innovation: Case of Dairy Food Processing Sector in Colombo and Kurunegala Districts	AMTP Athauda		√					International Conference of Agricultural Sciences, Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka, January 2014. Pp. 21.
12	Impact of Socioeconomic Factors on Small Holder Black Pepper Production in Kurunegala District: Robust Regression Approach,	AMTP Athauda		√					International Conference of Agricultural Sciences, Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka, January 2014. Pp. 11.
13	Impact of Knowledge Management on Product Innovation: Case of Dairy Food Processing Sector in Colombo and Kurunegala Districts,	AMTP Athauda		√					International Conference of Agricultural Sciences, Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka, January 2014. Pp. 11.
14	Impact of market orientation on innovation of small and medium scale entrepreneurs in the dairy food processing sector of North Western Province ,	AMTP Athauda	√						Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 2014. Pp. 41-45.
15	Factors affecting innovation in the hotel industry of the Kandy district in Sri Lanka ,	AMTP Athauda	√						Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 2014. Pp. 46-50

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
16	Influence of transformational leadership on innovation propensity: A case of dairy food processing sector in the North Western Province,	AMTP Athauda	√						Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 2014. Pp. 66-70.
17	Barriers for innovation among small and medium scale entrepreneurs in the food and beverage industry in Sri Lanka ,	AMTP Athauda	√						Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 2014. Pp. 76-80.
18	Farmer preference for contract attributes: A case study on contract seed paddy farmers in the Kurunagala district,	AMTP Athauda	√						Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 2014. Pp. 106-110.
19	Market orientation and financial performance of the hotel sector in the Kandy district ,.	AMTP Athauda	√						Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 2014. Pp. 150-154
20	Credit accessibility of rural women entrepreneurs in the agriculture based industries in the Kurunagala district,	AMTP Athauda	√						Proceedings of the 13 <sup>th</sup> Agricultural Research Symposium (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 2014. Pp. 160-164.
21	Production and Evaluation of Set type Yogurt Incorporated with Water melon (Citralluslanatus).	NR Abeynayake		√					International Journal of Scientific and Research Publications, Vol. 4(10), Pg. 1-4.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
22	Unobserved Components Model (UCM) for forecasting of non-stationary time series data: Case of national coconut production in Sri Lanka.	NR Abeynayake	√						Tropical Agricultural Research, Vol. 25(4), Pg. 423-431.
23	Covariance Structure of Share Market Returns. Conference Proceedings of International Conference of Multidisciplinary Approaches-2014,	NR Abeynayake		√					Faculty of Graduate Studies, University of Sri Jayewardenepura, Sri Lanka, Pg.93
24	Time Series Patterns of Sri Lankan Stock Returns. Proceedings of Doctoral Consortium,	NR Abeynayake		√					11th International Conference in Business & Management, University of Sri Jayewardenepura, Sri Lanka. Pg. 78-95.
25	ARIMA models on Forecasting Stock Returns.	NR Abeynayake	√						Annual Academic Sessions, held on 27-28 November 2014, The Open University of Sri Lanka. Pg. 280-282.
26	Potential Inverse Aquatics. National Symposium on Invasive Alien Species (IAS 2014),	NR Abeynayake	√						Organized by GEF/UNDP IAS Project, Ministry of Environment and Renewable Energy and Department of Botany, University of Kalaniya. Pg. 60.
27	Determinant of Credit Demand by Paddy Farmers in Kurunagala District.	NR Abeynayake		√					Wayamba International Conference, held on 29-30 August 2014, Wayamba University of Sri Lanka, Kuliyaipitiya. Pg. 98
28	Geographical Determinant of Chronic Kidney Disease Patients in Polpithigama Medical officer of Health Division.	NR Abeynayake		√					127 <sup>th</sup> Anniversary International Medical Congress of the Sri Lanka Medical Association. Held on Bandaranaike Memorial International Conference Hall (BMICH), Colombo 15 <sup>th</sup> -18 <sup>th</sup> July 2014.



No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
29	Short Term Forecasting of Poultry Population and Production in Sri Lanka using time Series Approach.	NR Abeynayake		√					Wayamba International Conference, held on 29-30 August 2014, Wayamba University of Sri Lanka, Kuliyaipitiya. Pg. 190.
30	Evaluation of Six Insecticides under the Field Conditions to Manage Cashew Stem and Root Borer ( <i>Plocaederus ferrugineus</i> L.).	NR Abeynayake		√					Wayamba International Conference held on 29-30 August 2014, Wayamba University of Sri Lanka, Kuliyaipitiya. Pg. 290.
31	Review of Statistical Modeling in Technical Analysis of Financial Market.	NR Abeynayake		√					Wayamba International Conference held on 29-30 August 2014, Wayamba University of Sri Lanka, Kuliyaipitiya. Pg. 300.
32	Rectifying for outliers in Autoregressive Fractionally Integrated Moving Average Models with an Application to Coconut Production in Sri Lanka.	NR Abeynayake	√						HETC Symposium, held on 7–8 July 2014, Galadari Hotel, Colombo. Pg. 90.
33	Modeling Stock Returns of Individual Companies of Colombo Stock Exchange.	NR Abeynayake		√					International Forum for Mathematical Modeling, held on 2014, Research and Development Centre for Mathematical Modeling, Department of Mathematics, University of Colombo. Pg. 111-113.
34	Impact of Socioeconomic Factors on Small Holder Black Pepper Production in Kurunagala District: Robust Regression Approach. International	NR Abeynayake		√					Conference of Agricultural Sciences (Ag Insight 2014), held on 09–10 January 2014, Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka. Pg. 11.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
35	EX-Post Analysis for Forecasting Coconut Crop Production.	NR Abeynayake		√					International Conference on Food Biological and Medical Science (IICBE INT'L Con 2014), held on 28–29 January 2014, Bangkok, Thailand. Pg. 148.
36	Paddy Yield Forecasting in Batticaloa District through ARIMA Model.	NR Abeynayake	√						Young Scientist Forum Symposium, held at HARTI on 07 <sup>th</sup> February 2014, Colombo. Pg. 24.
37	Environmental Stringency and Dirty Exports: an Empirical Analysis.	JC Edirisinghe		√					International Journal of Economic Practices and Theories, 4(6), 1018-1023.
38	Taxing the Pollution: A Case for Reducing the Environmental Impacts of Rubber Production in Sri Lanka.	JC Edirisinghe		√					Journal of South Asian Development, 9(1), 71-90.
39	Assessing the Impact of Internationally Recognized Quality Standards on the Business Performance of Firms.	JC Edirisinghe		√					International Journal of Economic Practices and Theories, Vol 4 No. 4
40	Spatial Relationships in Choosing to Conserve Soil in Smallholder Rubber Farming.	JC Edirisinghe		√					Journal of Environmental Professionals of Sri Lanka, Vol 3 No. 1 pp. 22-29
41	Milk Powder Imports and Government Policy: The Case of Sri Lanka.	JC Edirisinghe	√						Journal of Agriculture Economics and Rural Development 2(3)pp86-91
42	Labour and Weather Related Risks in Smallholder Rubber Production: Evidence From Kalutara District.	JC Edirisinghe		√					Tropical Agricultural Research and Extension, 16(3), pp 87-91
43	Has the Food and Agriculture Sector Played its Intended Role in Socio-Economic Development of Sri Lanka? An Empirical Investigation	JC Edirisinghe	√						Journal of Agricultural Sciences, 9(2): 70 - 77.
44	Firms' Realization on the Intended Benefits of Adoption of Food Quality Metasystems: Case of Adoption of HACCP in the Agri-Food Processing Sector in Sri Lanka	JC Edirisinghe	√						Journal of Agricultural Sciences, 9(1): 12 – 23

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
45	Motives for Firms to Adopt Solid Waste Management Controls: The Case of Food Processing Sector in Sri Lanka	JMM Udugama	√						Journal of Environmental Science and Management, 17(1): 28-37.
46	Firms' Realization on the Intended Benefits of Adoption of Food Quality Metasystems: Case of Adoption of HACCP in the Agri-Food Processing Sector in Sri Lanka	JMM Udugama	√						Journal of Agricultural Sciences, 9(1): 12 - 23.
47	Has the Food and Agriculture Sector Played Its Intended Role in Socio-Economic Development of Sri Lanka? An Empirical Investigation	JMM Udugama	√						Journal of Agricultural Sciences, 9(2): 70 - 77.
48	Firms' Responsive Towards Quality Management in Bottled Drinking Water Manufacturing Industry in Sri Lanka	JMM Udugama	√						Sri Lanka Journal of Economic Research, 2(1): 67 - 78.
49	Leadership in the Context of Plantation Sector of Sri Lanka: Exploring the Style, Behavior and Perspectives of Estate Managers	JMM Udugama	√						South Asian Journal of Management, 21(2): 08 - 21.
50	Exploring the Impact of Food Safety Standards on Global Tea Trade: A Gravity Model Based Approach	JMM Udugama	√						International Journal of Economic Practices and Theories, 4(6): 979–986.
51	Labour and Weather Related Risks in Smallholder Rubber Production: Evidence From Kalutara District.	HMLK Herath	√						Tropical Agricultural Research and Extension, 16(3): 87 – 91.
52	Land suitability for sustainable rubber cultivation in Monaragala district,	HMLK Herath	√						Journal of Environmental Professionals Sri Lanka, 3(1), 48-61
53	Effects on Nitrogen Deposition on Foliar Litter decomposition and C, N, Ca, and P Dynamics in Regenerating Forest	HMLK Herath	√						Journal of Environmental Professionals Sri Lanka, 3(1), 30-47
54	Firms' Responsive Towards Quality Management in Bottled Drinking Water Manufacturing Industry in Sri Lanka	HMLK Herath	√						Sri Lanka Journal of Economic Research, 2(1): 67 - 78.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
55	Labour and Weather Related Risks in Smallholder Rubber Production: Evidence From Kalutara District.	HMLK Herath	√						Tropical Agricultural Research and Extension, 16(3), pp 87-91
56	Demand for Food Safety Attributes in UHT Milk Consumption: A Choice Experiment Analysis.	HMLK Herath	√						In Proceedings of the 13th agricultural research symposium, Makandura: Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka
57	Determinants of Credit Demand by Paddy Farmers in Kurunegala District	GHI Anjalee		√					Wayamba International Conference (WinC – 2014). Wayamba University of Sri Lanka, Kuliypitiya, 29 <sup>th</sup> – 30 <sup>th</sup> August 2014. Pp 98.
58	Assessing the Factors Affecting on Creating Over-indebtedness among Paddy Farmers in Kurunegala District	GHI Anjalee		√					Wayamba International Conference (WinC – 2014). Wayamba University of Sri Lanka, Kuliypitiya, 29 <sup>th</sup> – 30 <sup>th</sup> August 2014. Pp 277
59	Impact of Knowledge Management on Product Innovation: Case of Dairy Food Processing Sector in Colombo and Kurunegala Districts	GHI Anjalee		√					International Conference of Agricultural Sciences, Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka, 09 <sup>th</sup> – 10 <sup>th</sup> January 2014. Pp. 21.
60	Impact of Socioeconomic Factors on Small Holder Black Pepper Production in Kurunegala District: Robust Regression Approach	GHI Anjalee		√					International Conference of Agricultural Sciences, Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka, 09 <sup>th</sup> – 10 <sup>th</sup> January 2014. Pp. 11.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
61	Consumer Awareness, Perception and Willingness-to-pay for Organically Produced Rice in Kurunegala District	GHI Anjalee	√						In the Proceedings of the “13 <sup>th</sup> Agricultural Research Symposium” (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 7 <sup>th</sup> – 8 <sup>th</sup> August 2014. Pp. 21-25.
62	Urban Consumers’ Perception of Corporate Social Responsibility in Food and Beverage Sector: An Empirical Analysis Based on Supermarket Setting in Colombo District	GHI Anjalee	√						In the Proceedings of the “13 <sup>th</sup> Agricultural Research Symposium” (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 7 <sup>th</sup> – 8 <sup>th</sup> August 2014. Pp. 71-75.
63	Barriers for Innovation among Small and Medium Scale Entrepreneurs in Food and Beverage Industry in Sri Lanka	GHI Anjalee	√						In the Proceedings of the “13 <sup>th</sup> Agricultural Research Symposium” (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 7 <sup>th</sup> – 8 <sup>th</sup> August 2014. Pp. 76-80.
64	Forecasting Vegetable Production and Extent in Sri Lanka: An Application of ARIMA Model	GHI Anjalee	√						In the Proceedings of the “13 <sup>th</sup> Agricultural Research Symposium” (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 7 <sup>th</sup> – 8 <sup>th</sup> August 2014. Pp. 116-120.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
65	Association between Consumer Perception of Green Marketing and Willingness to Pay for Green Products: Case of Fast Moving Consumer Goods Sector in Colombo District	TPSR Guruge	√						In the Proceedings of the “13 <sup>th</sup> Agricultural Research Symposium” (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 7 <sup>th</sup> – 8 <sup>th</sup> August 2014. Pp. 126-130.
66	Assessing the Systems Applications and Product in Manufacturing (SAP) System as a Solution for Enterprises Resource Planning (ERP) to Cater Lean Initiatives in Apparel Industry by Using Critical Success Factors: Case Study at MAS Holdings	TPSR Guruge	√						International Conference on Multidisciplinary Approaches, Organized by: Faculty of Graduate Studies, University of Sri Jayewardenepura, Gangodawila, Nugegoda, 13 <sup>th</sup> – 14 <sup>th</sup> August 2014.
67	Empirical Assessment on Local Banking Industry: Sector Performance, Competition and New Product Development on Business Performances	TPSR Guruge	√						In the Proceedings of the “13 <sup>th</sup> Agricultural Research Symposium” (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 7 <sup>th</sup> – 8 <sup>th</sup> August 2014. Pp. 16-20.
68	Perceived Health Status of Consumers vs. Incorporation of Functional Ingredients into Their Diets: An Empirical Assessment	TPSR Guruge	√						In the Proceedings of the “13 <sup>th</sup> Agricultural Research Symposium” (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 7 <sup>th</sup> – 8 <sup>th</sup> August 2014. Pp. 111-115.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
69	Paying a Price Premium for Enhanced Food Safety and Quality: Examining the Case of Liquid Milk and Fruit Beverage Products	TPSR Guruge	√						In the Proceedings of the “13 <sup>th</sup> Agricultural Research Symposium” (AGRES), Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka, 7 <sup>th</sup> – 8 <sup>th</sup> August 2014. Pp. 96-100.
70	Do Small-Scale Fishing Households Perform at Their Best? Evidence from a Stochastic Frontier Analysis to Assess Technical Efficiency	TPSR Guruge		√					19 <sup>th</sup> International Forestry & Environment Symposium, Organized by: Dept. of Forestry and Environmental Science, University of Sri Jayewardenepura, Gangodawila, Nugegoda, Held at: Aliya Resort & Spa, Seegiriya, 24 – 25 October 2014.
71	Assessing the Systems Applications and Product in Manufacturing (SAP) System as a Solution for Enterprises Resource Planning (ERP) to Cater Lean Initiatives	TPSR Guruge	√						OUSL Annual Academic Sessions-2014 proceedings. Pp 276-280. The Open University of Sri Lanka, Nawala, Nugegoda.
72	Association between Consumer Perceptions Towards Green Marketing by Assessing Consumer Preference and Willingness to Pay for Green Products	TPSR Guruge		√					In the Proceedings of the “International Symposium on Agriculture and Environment”, Faculty of Agriculture, University of Ruhuna, Sri Lanka, 27 <sup>th</sup> November 2014. Pp. 427-430.

#### d. Books

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	ශ්‍රී ලංකාවේ ජාතික පුෂ්පය හිල් මාහෙල් .	කපිල යකන්දුවල, දිප්ති යකන්දුවල							කර්තෘ ප්‍රකාශනයකි. ප 266 මිලින 978-955-41322 -0-7
2	“Use of ICT for Student-Centered Learning in Higher Education” (ISBN 978-955-4709-12-6),	Prof. JMUK Jayasinghe	✓						Publisher: Staff Development Centre, Wayamba University of Sri Lanka (2014).
3	“Achieving Success in Higher Education Through Growth Mindset” (ISBN 978-955-4709-13-3),	Prof. JMUK Jayasinghe	✓						Publisher: Staff Development Centre, Wayamba University of Sri Lanka (2014).
4	Sri Lanka Fifth National Report to the Convention on Biological Diversity - 2014,	Prof. JMUK Jayasinghe	✓						Published by: Biodiversity Secretariat, Ministry of Environment & Renewable Resources (Available at: <a href="https://www.cbd.int/reports/">https://www.cbd.int/reports/</a> )
5	Production of Higher grades of sheet rubber	Dr. JC Edirisinghe	✓						
6	කුරුණෑගල දිස්ත්‍රික්කයේ කෘෂිකාර්මික තතු	ඩී. පී. එස්. ටී. ඩී. අත්තනායක එච්. එම්. එල්. කේ. හේරත්	✓						IDIs%4u yd jeú,s l,ukdlrK mSGh, Y%S ,xld jhU úYaj úoHd,h,මාකඳුර. ISSN- 978-955-4709-24-9, 2014 නොවැම්බර්
7	Quantitative Trait Loci (QTLs) and Plant Breeding – An Outline	Athula Perera, Thilak Attanayaka	✓						ISBN – 978-955-30-5235-3, 2014



# e. Articles

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Assessing the Production vs. Price of Black Tea in Sri Lanka: An Application of Koyck's Geometric-Lag Model	JMUK Jayasinghe	√						3 <sup>rd</sup> Sri Lanka Economic Research Conference (SLERC – 2014), University of Ruhuna, Wellamadama, Matara, 19 – 20 December 2014.
2	Forecasting Fish Prices in Colombo with SARIMA Model	JMUK Jayasinghe	√						3 <sup>rd</sup> Sri Lanka Economic Research Conference (SLERC – 2014), University of Ruhuna, Wellamadama, Matara, 19 – 20 December 2014.
3	Association Between Consumer Perception of Green Marketing and Willingness-to-Pay for Green Products: Case of Fast Moving Consumer Goods Sector in Colombo District	JMUK Jayasinghe		√					5 <sup>th</sup> International Conference on Sustainable Built Environment (ICSBE – 2014), Earl's Regency Hotel, Kandy, 12–14 December 2014.
4	Influence of Food Quality Information Provision on Consumer Purchasing Decisions: Empirical Assessment of Visual Presentation of Dairy Product Quality Attributes	JMUK Jayasinghe		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.
5	Structural Breaks in Prices of Common Rice Types in the Sri Lankan Market	JMUK Jayasinghe		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
6	Farmers' Valuation of Agro Biodiversity in Home Gardens: Case Study in the Kurunagala District	JMUK Jayasinghe		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.
7	Stochastic Modelling of Major Poultry Product Prices in Sri Lanka	JMUK Jayasinghe		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.
8	Association Between Household Food Security and Nutritional Status of Preschool Children in Rural and Estate Communities in Sri Lanka	JMUK Jayasinghe	√						Undergraduate Research Symposium - 2014, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, Makandura, Gonawila (NWP), 05 <sup>th</sup> November 2014.
9	Dietary Diversity as an Indicator of Household Food Insecurity in Estate and Rural Communities in Sri Lanka	JMUK Jayasinghe	√						Undergraduate Research Symposium - 2014, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, Makandura, Gonawila (NWP), 05 <sup>th</sup> November 2014.
10	Association of Household Food Security with Nutritional Status of the Adult Women in Rural and Estate Communities	JMUK Jayasinghe	√						Undergraduate Research Symposium - 2014, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, Makandura, Gonawila (NWP), 05 <sup>th</sup> November 2014.
11	Forecasting Weekly Fish Production of Siyambalangamuwa Reservoir in Sri Lanka Using Autoregressive Integrated Moving Average Model	JMUK Jayasinghe	√						15 <sup>th</sup> Annual Research Symposium, Faculty of Graduate Studies, University of Kelaniya, Kelaniya, 30 – 31 October 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
12	Do Small-Scale Fishing Households Perform at Their Best? Evidence from a Stochastic Frontier Analysis to Assess Technical Efficiency	JMUK Jayasinghe		√					19 <sup>th</sup> International Forestry & Environment Symposium, Organized by: Dept. of Forestry and Environmental Science, University of Sri Jayewardenepura, Gangodawila, Nugegoda, Held at: Aliya Resort & Spa, Seegiriya, 24 – 25 October 2014.
13	Farmer Perceptions on Up-Country Vegetable Marketing: A Case Study in Nuwara-Eliya District	JMUK Jayasinghe	√						Wayamba International Conference 2014, Wayamba University of Sri Lanka, Kuliapitiya, 29 – 30 August 2014.
14	Indigenous Knowledge: An Indispensable Factor in Traditional Community-based Coastal Fisheries Management in Southern Sri Lanka	JMUK Jayasinghe	√						HETC Symposium 2014 – Higher Education for Twenty-First Century Project, Ministry of Higher Education, Hotel Galadari, Colombo 3, 07 – 08 July 2014.
15	Cultural Perceptions of Symbolic Value: A Case Study in Plantation Sector in Sri Lanka	JMUK Jayasinghe	√						YSF Symposium 2013 – Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian Research & Training Institute, Colombo 7, 07 February 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
16	Forecasting of Prices of Rice in the Sri Lankan Market: The Case of Red Raw Rice	JMUK Jayasinghe	√						YSF Symposium 2013 – Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian Research & Training Institute, Colombo 7, 07 February 2014.
17	The Social Cost of Privatization: A Case Study From the Tea Industry	JMUK Jayasinghe	√						YSF Symposium 2013 – Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian Research & Training Institute, Colombo 7, 07 February 2014.
18	A Stakeholder Analysis to Assess Preferences and Willingness-To-Pay for Management of Rice Wild Relatives in Sri Lanka	JMUK Jayasinghe	√						18 <sup>th</sup> International Forestry & Environment Symposium, Organized by: Dept. of Forestry and Environmental Science, University of Sri Jayewardenepura, Gangodawila, Nugegoda, Held at: MAS Fabric Park, Thulhiriya, 10 – 11 January 2014.
19	Sustainable Cities Through Urban Agriculture: Case of Developing Production and Socio-Economic Environment Within the Kurunegala Municipal Council Limits	JMUK Jayasinghe		√					18 <sup>th</sup> International Forestry & Environment Symposium, Organized by: Dept. of Forestry and Environmental Science, University of Sri Jayewardenepura, Gangodawila, Nugegoda, Held at: MAS Fabric Park, Thulhiriya, 10 – 11 January 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
20	Firms' Realization of Their Expectations of Adopting Food safety and Quality Metasystems: Final Call for an extensive economic Assessment	JMUK Jayasinghe		√					International Conference of Agricultural Sciences (AgInsight 2014), Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka, Belihuloya, 09 – 10 January 2014.
21	Role of Regulation for Solid Waste Management in Agri-Food Processing Sector in Sri Lanka: A Discriminant Analysis Based on Panel Data	JMUK Jayasinghe		√					International Conference of Agricultural Sciences (AgInsight 2014), Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka, Belihuloya, 09 – 10 January 2014.
22	Forecasting Fish Prices in Colombo with SARIMA Model	JC Edirisisnghe	√						”, 3 <sup>rd</sup> Sri Lanka Economic Research Conference (SLERC – 2014), University of Ruhuna, Wellamadama, Matara, 19 – 20 December 2014.
23	Influence of Food Quality Information Provision on Consumer Purchasing Decisions: Empirical Assessment of Visual Presentation of Dairy Product Quality Attributes	JC Edirisisnghe		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.
24	Structural Breaks in Prices of Common Rice Types in the Sri Lankan Market	JC Edirisisnghe		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
25	Farmers' Valuation of Agro Biodiversity in Home Gardens: Case Study in the Kurunagala District	JC Edirisisnghe		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.
26	Stochastic Modelling of Major Poultry Product Prices in Sri Lanka	JC Edirisisnghe		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.
27	Dietary Diversity as an Indicator of Household Food Insecurity in Estate and Rural Communities in Sri Lanka	JC Edirisisnghe	√						Undergraduate Research Symposium - 2014, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, Makandura, Gonawila (NWP), 05 <sup>th</sup> November 2014
28	Do Small-Scale Fishing Households Perform at Their Best? Evidence from a Stochastic Frontier Analysis to Assess Technical Efficiency	JC Edirisisnghe		√					19 <sup>th</sup> International Forestry & Environment Symposium, Organized by: Dept. of Forestry and Environmental Science, University of Sri Jayewardenepura, Gangodawila, Nugegoda, Held at: Aliya Resort & Spa, Seegiriya, 24 – 25 October 2014
29	Farmer Perceptions on Up-Country Vegetable Marketing: A Case Study in Nuwara-Eliya District	JC Edirisisnghe		√					Wayamba International Conference 2014, Wayamba University of Sri Lanka, Kuliapitiya, 29 – 30 August 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
30	Forecasting of Prices of Rice in the Sri Lankan Market: The Case of Red Raw Rice		√						YSF Symposium 2013 – Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian Research & Training Institute, Colombo 7, 07 February 2014.
31	The Social Cost of Privatization: A Case Study From the Tea Industry	JC Edirisisnghe	√						YSF Symposium 2013 – Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian Research & Training Institute, Colombo 7, 07 February 2014.
32	A Stakeholder Analysis to Assess Preferences and Willingness-To-Pay for Management of Rice Wild Relatives in Sri Lanka	JC Edirisisnghe		√					18 <sup>th</sup> International Forestry & Environment Symposium, Organized by: Dept. of Forestry and Environmental Science, University of Sri Jayewardenepura, Gangodawila, Nugegoda, Held at: MAS Fabric Park, Thulhiriya, 10 – 11 January 2014.
33	Assessing the Production vs. Price of Black Tea in Sri Lanka: An Application of Koyck's Geometric-Lag Model	JMM Udugama	√						3 <sup>rd</sup> Sri Lanka Economic Research Conference (SLERC – 2014), University of Ruhuna, Wellamadama, Matara, 19 – 20 December 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
34	Forecasting Fish Prices in Colombo with SARIMA Model	JMM Udugama	√						3 <sup>rd</sup> Sri Lanka Economic Research Conference (SLERC – 2014), University of Ruhuna, Wellamadama, Matara, 19 – 20 December 2014.
35	Influence of Food Quality Information Provision on Consumer Purchasing Decisions: Empirical Assessment of Visual Presentation of Dairy Product Quality Attributes	JMM Udugama		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.
36	Structural Breaks in Prices of Common Rice Types in the Sri Lankan Market	JMM Udugama		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.
37	Farmers' Valuation of Agro Biodiversity in Home Gardens: Case Study in the Kurunagala District	JMM Udugama	√						International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.
38	Stochastic Modelling of Major Poultry Product Prices in Sri Lanka	JMM Udugama		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014



No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
39	Do Small-Scale Fishing Households Perform at Their Best?Evidence from a Stochastic Frontier Analysis to Assess Technical Efficiency	JMM Udugama		√					19 <sup>th</sup> International Forestry & Environment Symposium, Organized by: Dept. of Forestry and Environmental Science, University of Sri Jayewardenepura, Gangodawila, Nugegoda, Held at: Aliya Resort & Spa, Seegiriya, 24 – 25 October 2014.
40	Farmer Perceptions on Up-Country Vegetable Marketing: A Case Study in Nuwara-Eliya District	JMM Udugama		√					Wayamba International Conference 2014, Wayamba University of Sri Lanka, Kuliyaipitiya, 29 – 30 August 2014.
41	Forecasting of Prices of Rice in the Sri Lankan Market: The Case of Red Raw Rice	JMM Udugama	√						YSF Symposium 2013 – Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian Research & Training Institute, Colombo 7, 07 February 2014.
42	The Social Cost of Privatization: A Case Study From the Tea Industry	JMM Udugama	√						YSF Symposium 2013 – Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian Research & Training Institute, Colombo 7, 07 February 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
43	A Stakeholder Analysis to Assess Preferences and Willingness-To-Pay for Management of Rice Wild Relatives in Sri Lanka	JMM Udugama		√					18 <sup>th</sup> International Forestry & Environment Symposium, Organized by: Dept. of Forestry and Environmental Science, University of Sri Jayewardenepura, Gangodawila, Nugegoda, Held at: MAS Fabric Park, Thulhiriya, 10 – 11 January 2014.
44	Sustainable Cities Through Urban Agriculture: Case of Developing Production and Socio-Economic Environment Within the Kurunegala Municipal Council Limits	JMM Udugama		√					18 <sup>th</sup> International Forestry & Environment Symposium, Organized by: Dept. of Forestry and Environmental Science, University of Sri Jayewardenepura, Gangodawila, Nugegoda, Held at: MAS Fabric Park, Thulhiriya, 10 – 11 January 2014.
45	Role of Regulation for Solid Waste Management in Agri-Food Processing Sector in Sri Lanka: A Discriminant Analysis Based on Panel Data	JMM Udugama		√					International Conference of Agricultural Sciences (AgInsight 2014), Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka, Belihuloya, 09 – 10 January 2014.
46	Assessing the Production vs. Price of Black Tea in Sri Lanka: An Application of Koyck's Geometric-Lag Model	HMLK Herath	√						3 <sup>rd</sup> Sri Lanka Economic Research Conference (SLERC – 2014), University of Ruhuna, Wellamadama, Matara, 19 – 20 December 2014.
47	Forecasting Fish Prices in Colombo with SARIMA Model	HMLK Herath	√						3 <sup>rd</sup> Sri Lanka Economic Research Conference (SLERC – 2014), University of Ruhuna, Wellamadama, Matara, 19 – 20 December 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
48	Association Between Consumer Perception of Green Marketing and Willingness-to-Pay for Green Products: Case of Fast Moving Consumer Goods Sector in Colombo District	HMLK Herath	√						5 <sup>th</sup> International Conference on Sustainable Built Environment (ICSBE – 2014), Earl's Regency Hotel, Kandy, 12 – 14 December 2014.
49	Influence of Food Quality Information Provision on Consumer Purchasing Decisions: Empirical Assessment of Visual Presentation of Dairy Product Quality Attributes	HMLK Herath		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014
50	Structural Breaks in Prices of Common Rice Types in the Sri Lankan Market	HMLK Herath		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.
51	Farmers' Valuation of Agro Biodiversity in Home Gardens: Case Study in the Kurunagala District	HMLK Herath		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.
52	Stochastic Modelling of Major Poultry Product Prices in Sri Lanka	HMLK Herath		√					International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, Kamburupitiya, 27 <sup>th</sup> November 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
53	Do Small-Scale Fishing Households Perform at Their Best? Evidence from a Stochastic Frontier Analysis to Assess Technical Efficiency	HMLK Herath		√					19 <sup>th</sup> International Forestry & Environment Symposium, Organized by: Dept. of Forestry and Environmental Science, University of Sri Jayewardenepura, Gangodawila, Nugegoda, Held at: Aliya Resort & Spa, Seegiriya, 24 – 25 October 2014.
54	Farmer Perceptions on Up-Country Vegetable Marketing: A Case Study in Nuwara-Eliya District	HMLK Herath		√					Wayamba International Conference 2014, Wayamba University of Sri Lanka, Kuliyaipitiya, 29–30 August 2014.
55	Forecasting of Prices of Rice in the Sri Lankan Market: The Case of Red Raw Rice	HMLK Herath	√						YSF Symposium 2013 – Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian Research & Training Institute, Colombo 7, 07 February 2014.
56	The Social Cost of Privatization: A Case Study From the Tea Industry	HMLK Herath	√						YSF Symposium 2013 – Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian Research & Training Institute, Colombo 7, 07 February 2014.
57	Association Between Consumer Perception of Green Marketing and Willingness-to-Pay for Green Products: Case of Fast Moving Consumer Goods Sector in Colombo District	TPSR Guruge		√					5 <sup>th</sup> International Conference on Sustainable Built Environment (ICSBE – 2014), Earl's Regency Hotel, Kandy, 12 – 14 December 2014.
58	Reprogramming of cassava ( <i>Manihot esculenta</i> ) microspores towards sporophytic development	P. I. P. Perera, C. A. Ordon˜ez, B. Dedicova and P. E. M. Ortega		√					AOB plants

## ***Faculty of Applied Sciences***

### **a. Researches**

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Investigation of factors to improve customer relationship management	Senadheera, R.U.K., and Arudchelvam,T		√					Wayamba International Conference (WinC – 2014), Sri Lanka
2	Component-based Design from Finite Element Software Written in the FORTRAN language	T.Arudchelvam, S.R.H.Hoole and J.Wijayakulasooriya		√					International Journal of Computer Theory and Engineering
3	Performance Comparisons of Programs in Different Programming Languages Converted from Legacy Finite Element Codes	Thiruchelvam Arudchelvam and S. Ratnajeevan H. Hoole		√					Journal of Electrical Engineering.
4	Automated railway Gate		√				√		Symposium Proceeding (ASRITE)
5	University water pumps Automation		√				√		Symposium Proceeding (ASRITE)
6	Caple Sensitive Matly-Switch		√				√		Symposium Proceeding (ASRITE)
7	Remote Controlling Street Light & Information		√				√		Symposium Proceeding (ASRITE)
8	Naval Security system for CU wires		√				√		Symposium Proceeding (ASRITE)
9	Identification of moisture loss and weight drop of soap tablets in different conditions	D.K. Ranasinghe and K.D.D.N. Dissanayake		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014, ISBN 978-955-4709-18-8
10	Identification of moisture loss and weight drop of the soap tablets during shelf life	D.K. Ranasinghe and K.D.D.N. Dissanayake		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014, ISBN 978-955-4709-18-8
11	Structural equation modeling approach to enhance overall equipment effectiveness in sri lankan steel manufacturing industry	S.A.U. Sarangi and K.D.D.N. Dissanayake		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014, ISBN 978-955-4709-18-8

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
12	Impact of organisational factors on employee work stress in sri lankan apparel industry	M.M.N.P. Abeysekara and K.D.D.N. Dissanayake		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014, ISBN 978-955-4709-18-8
13	Effect of political ties on market potential: moderating role of technology turbulence	M.M.D.R. Deegahawature		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014, ISBN 978-955-4709-18-8
14	Managers' inclination towards open innovation: effect of job characteristics	M.M.D.R. Deegahawature		√					European Journal of Business and Management, 6 (1), 8-16.
15	Capabilities and implementation of inbound open innovation: evidence from lmt firms in technologically less advanced countries	M.M.D.R. Deegahawature		√					European Journal of Business and Management, 6 (7), 286-295.
16	The effect of proclivity to open innovation, job complexity and technology turbulence on creativity: evidence from technologically less advanced countries	M.M.D.R. Deegahawature		√					International Journal of Business and Social Research, 4 (4), In Press.
17	Maintenance function for manufacturing excellence program: a case study of sri lankan manufacturing industry	M.M.D.R. Deegahawature		√					International Journal of Engineering Research, 3 (10), 580-583.
18	The effects of learning orientation on implementation of inbound open innovation in lmt firms	M.M.D.R. Deegahawature		√					International Journal of Economics, Commerce and Management, 2 (5), In Press.
19	Consumer credit card usage and compulsive buying behaviour in sri lanka	S.K.D.U. De Silva and E.A.C.P. Karunaratne		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014, ISBN 978-955-4709-18-8
20	Factors affecting the export performance of sri lankan rubber products	K.P. Samarasinghe and E.A.C.P. Karunaratne		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014, ISBN 978-955-4709-18-8
21	Factors affecting the effectiveness of the warehouses: with special reference to the telecommunication infrastructure construction field, sri lanka	J.A. Rathnayake and E.A.C.P. Karunaratne		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014, ISBN 978-955-4709-18-8

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
22	Factors Affecting Decrease in Cut-To-Ship Ratio, Study on Garment Manufacturer in Sri Lanka	H.P.A.V. Pathirana and D.M. Jayasena		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014,ISBN 978-955-4709-18-8
23	Factors Affecting Quick Change Over Time Apparel Industry in Sri Lanka	H.L.M. Menunika and D.M. Jayasena		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014,ISBN 978-955-4709-18-8
24	Effect of social persuasion on consumer repurchase intentions under ambiguous online product review context	W.G.E.J. Wattegama and Qing Ping		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014,ISBN 978-955-4709-18-8
25	The influence of organization culture on e-commerce adoption	Ishan Senarathna, Matthew Warren,William Yeoh and Scott Salzman		√					Industrial Management and Data Systems 114,7
26	Investigation of factors affecting low productivity in apparel manufacturing	A.L.R.N. Dilrukshi, B.S. Habaragoda and W.M.P.M. Wickramasinghe		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014,ISBN 978-955-4709-18-8
27	Cleaner production opportunities in precured tyre retreading industry	L.R.A. Gunsekera and B.S. Habaragoda		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014,ISBN 978-955-4709-18-8
28	Journey towards student centered teaching & learning in universities;introduction to problem based learning	B.S. Habaragoda	√				√		10th SDC-SLAIHEE Higher Education Conference 2014
29	Sustainable resource utilization and cost reductions through cleaner production in precured tire retreading industry	B.S. Habaragoda		√				√	Proceedings of 5th International Conference on sustainable built environment
30	Energy saving techniques to reduce the electricity consumption: a case of construction industry of Sri Lanka	D.A.S.D. Kalansuriya and M.G.S. Dilanthi		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014,ISBN 978-955-4709-18-8

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
31	Determinants of production target failures in sewing modules: an analysis from a case study of apparel industry in sri lanka	D.K.M.M. Dayathilaka and A. Pallegedara		√				√	1st International Conference Wayamba University of Sri lanka, 29th and 30th August 2014, ISBN 978-955-4709-18-8
32	Impact of NGO intervention on poverty reduction: an empirical evidence from rural sri lanka	V. Thanabalasingham and A. Pallegedara		√					International Journal of Sustainable Economy, Vol. 06, No. 08, Page 288-301
33	An Interger Programming Approach for University Timetabling	R.A.R. Prabodanie		√				√	Peradeniya University International Research Sessions
34	Efficient Control And Utilization of Rubber Waste Using Mixed Integer Programming	N. Thilakani, R.A.R. Probodanie, C. karunarathne, N. Napagoda		√				√	19th International Forestry and Environment Symposium
35	Factors Affecting for High Absenteeism in Garment Industry.	P.A.D.A.N. Appuhamy R.A.R. Prabodani M.D.D. Thilini		√				√	Proceedings of the Wayamba University International Conference (WinC 2014) (Poster), Page 52
36	Investigation of Factors Affecting Low Productivity in Apparel Manufacturing	A.L.R.N. Dilrukshi B.S. Habaragoda W.M.P.M. Wickramasinghe		√				√	Proceedings of the Wayamba University International Conference (WinC 2014) (Poster), Page 11
37	On the Striking Systematics of Anomalous Absorption of Partial Waves by the Nuclear Optical Potential	E.M.P. Ekanayake T.P. Ranawaka		√				√	Programme Wayamba International Conference (WinC 2014), Page 293
38	The Remainder Theorem and Its Special Application to a Higher Order Diophantine Equation	R.A.D. Piyadasa E.M.P. Ekanayake		√				√	Programme Wayamba International Conference (WinC 2014), Page 309
39	On the Proof of Strong Goldbach Conjecture	R.A.D. Piyadasa E.M.P. Ekanayake B.B.U.P. Perera		√				√	Programme Wayamba International Conference (WinC 2014), Page 310
40	Incorporation of Coulomb Potential to Elastic Scattering Theory	W.M.J.L.P. Jayasinghe					√		Workshop on Mathematical Sciences on 31/08/2014 at FAS, WUSL.
41	Global solutions for thermoviscoelastic systems	P.M.N. Dharmawardane					√		Workshop on Mathematical Sciences on 31/08/2014 at FAS, WUSL.



### c. Journals

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Component-based Design from Finite Element Software Written in the FORTRAN language	T.Arudchelvam, S.R.H.Hoole and J.Wijayakulasooriya		√					International Journal of Computer Theory and Engineering
2	Performance Comparisons of Programs in Different Programming Languages Converted from Legacy Finite Element Codes	Thiruchelvam Arudchelvam and S. Ratnajeevan H. Hoole		√					Journal of Electrical Engineering.
3	Performance variation of Li rechargeable cells having polypyrrole cathodes doped with different anions	K.P. Vidanapathitana and K. Perera	√						Journal
4	A novel gel polymer electrolyte based on Polymethylmethacrylate and Cupper Trifluoromethanesulfonate	Y.M.C.D. Jayathilake, K.S. Perera, K.P. Vidanapathirana, L.R.A.K. Bandara		√					Journal
5	Optimization of Conductivity of the Gel Polymer Electrolyte Based on Polymethylmethacrylate (PMMA)	Y.M.C.D. Jayathilake, L.R.A.K. Bandara, K.P. Vidanapathirana, K.S. Perera	√				√		Proceeding
6	Microcontroller Based Low Cost Device for Measuring the Speed of a Moving Object	W.A.D.S.S. Weerasinghe and K.S. Perera	√				√		Proceeding
7	Controlling electronics devices and appliances using a remote control	S.H.A. Madhushan, G.A.K.S. Perera	√				√		Proceeding
8	Subscriber identity unit to main distribution frame in Sri Lanka Telecom (PLC)	W.M.B.P.K. Walisundara, G.A.K.S. Perera,	√				√		Proceeding
9	Improvement for robopac wrapping machine used for wrapping the pallets loaded with glass containers	K.A.N. Priyadarshini, G.A.K.S. Perera	√				√		Proceeding
10	Automated water level controlling system for paddy fields	D.N.A. Kumarasinghe, G.A.K.S. Perera	√				√		Proceeding

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
11	Free distribution point(DP) loops identification unit	W.S.S. Abeywickrama, G.A.K.S. Perera	√				√		Proceeding
12	Computerized setup for the DC polarization test	S.P.A.U.K. Samarakoon, G.A.K.S. Perera	√				√		Proceeding
13	Polymethylmethacrylate based gel polymer electrolyte : An impedance Spectroscopy study	Y.M.C.D. Jayathilake, K.S. Perera, K.P. Vidanapathirana and L.R.A.K. Bandara	√				√		Proceeding
14	A magnesium primary cell based on a novel gel polymer electrolyte	Y. M. C. D. Jayathilake <sup>a</sup> , K. S. Perera, K. P. Vidanapathirana, L. R. A. K. Bandara	√				√		Proceeding
15	Performance variation of Li rechargeable cells having polypyrrole cathodes doped with different anions	K.P. Vidanapathitana and K. Perera	√						Journal
16	A novel gel polymer electrolyte based on Polymethylmethacrylate and Cupper Trifluoromethanesulfonate	Y.M.C.D. Jayathilake, K.S. Perera, K.P. Vidanapathirana, L.R.A.K. Bandara		√					Journal
17	Optimization of Conductivity of the Gel Polymer Electrolyte Based on Polymethylmethacrylate (PMMA)	Y.M.C.D. Jayathilake, L.R.A.K. Bandara, K.P. Vidanapathirana, K.S. Perera	√				√		Proceeding
18	Low Cost, Intelligent Traffic Light Controlling System Using Fuzzy Logic	WSR Thamel and KP Vidanapathirana	√				√		Proceeding
19	Remoter heart beat monitoring system through mobile network	S.M.A.J. Chathuranga, K.P. Vidanapathirana	√				√		Proceeding
20	Digital meter to measure height of a communication tower	G.H.T. Sandaruwan, K.P. Vidanapathirana	√				√		Proceeding

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
21	Vehicle surveillance camera system	M.S.L. Dharmasena, K.P. Vidanapathirana,	√				√		Proceeding
22	Customerized high gain Wifi antenna for Faculty of Applied Sciences of Wayamba University of Sri Lanka	T.D. Yapa, K.P. Vidanapathirana	√				√		Proceeding
23	Low cost electronically controlled drip irrigation system	S.M.R. Bandara, K.P. Vidanapathirana	√				√		Proceeding
24	Power level monitoring system for battery bank at a BTS using a GSM module	D.N.A. Kumarasinghe, K.P. Vidanapathirana	√				√		Proceeding
25	Polymethylmethacrylate based gel polymer electrolyte : An impedance Spectroscopy study	Y.M.C.D. Jayathilake, K.S. Perera, K.P. Vidanapathirana and L.R.A.K. Bandara	√				√		Proceeding
26	A magnesium primary cell based on a novel gel polymer electrolyte	Y. M. C. D. Jayathilakea, K. S. Perera, K. P. Vidanapathirana, L. R. A. K. Bandara	√				√		Proceeding
27	Low cost higher strength FM Frequency Detector	KAN Priyadarshani, MAA Karunarathna	√				√		
28	Exposure levels due to RF radiation at 900 MHz and 1800 MHz bands in highly populated areas	KADC Prabashini, MAA Karunarathna	√				√		
29	Password Secured Access controlling system for BTS to a Mobile service provider in srilanka	KADC Prabashini, MAA Karunarathna	√				√		
30	Portable, Multitask, Subscriber line test board for public switchgear telephone network	PGDCK Karunarathna, MAA Karunarathna	√				√		
31	Server room temperature detecting and Alerting system	LNAA Nissanka MAA Karunarathna	√				√		

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
32	Measurement of effects of standard tubing size of a Log-periodic dipole array	KAM Dhanuranga MAA Karunarathna		√					
33	Railway gate efficient controlling system using optoelectronics devices and radio frequency moduls	PGDCK Karunarathna YAA Kumarayapa	√				√		Proceedings of the First Annual Symposium on Research and Industrial Training of Department of Electronics(ASRITE-2014), WUSL, ISSN 2362-0560, pp. 43- 48
34	Remote controlling street light system and informations display on lcd via sms with the use of microcontroller based automation,	W.S.P. Silva, Y.A.A. Kumarayapa,	√				√		Proceedings of the First Annual Symposium on Research and Industrial Training of Department of Electronics(ASRITE-2014) , WUSL, ISSN 2362-0560, pp167- 170,
35	Automated system to control water pumps with remotly monitoring water level and consumption for the university kuliyapitiya premises	G.G. Chathuranga, Y.A.A.Kumarayapa	√				√		Proceedings of the First Annual Symposium on Research and Industrial Training of Department of Electronics(ASRITE-2014) , WUSL, ISSN 2362-0560, pp. 55- 58
36	Clap sensitive automated multi switch for day to day electrical power saving and safety applications	W.M.B.P.K. Walisundara, Y.A.A. Kumarayapa	√				√		Proceedings of the First Annual Symposium on Research and Industrial Training of Department of Electronics (ASRITE-2014) , WUSL, ISSN 2362-0560,pp.33- 36,
37	Security system for protecting expensive copper cables from robbers at isolated telecommunication towers	M.S.N.Madugalla, Dr. Y.A.A.Kumara Yapa	√				√		Proceedings of the First Annual Symposium on Research and Industrial Training of Department f Electronics (ASRITE-2014) o , WUSL, ISSN 2362-0560, pp.175-178
38	Characteristics of n-Cu2o/p-cul solid –state photovoltaic cells	RDAA Rajapaksha, CAN Fernando		√			√		Invertis Journal of Renewable energy , Vol 4, No 01, (2014)19-23

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
39	Characteristics of Cu/p-CuI/Rhodamine-C18/CNT solid State photovoltaic cell	RDAA Rajapaksha, CAN Fernando		√			√		Invertis Journal of Renewable energy , Vol 4, No 02, (2014)1-5
40	Photocurrent Enhancement in a photo-electrochemical Cell with improved Cu/n-Cu <sub>2</sub> O photoelectrode by reducing the surface states on-n-Cu <sub>2</sub> O as Trapping Centers	RDAA Rajapaksha, CAN Fernando		√			√		Invertis Journal of Renewable energy , Vol 4, No 01, (2014)24-28
41	An Econometric Model	D.M.S. Bandara	√						Wayamba Journal of Management Volume 4, Issue 2

#### d. Books

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Practical Guide Book on Basic Electronics for Advanced Level and University Students	Kumudu Perera	√				√		

### e. Articles

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Investigation of factors to improve customer relationship management	Senadheera, R.U.K., and Arudchelvam,T		√					Wayamba International Conference ( WinC – 2014), Sri Lanka
2	Comparison of Major Clustering algorithms using Weka tools.	R.P.T.H. Gunasekara M.C. Wijegunasekara N.G.J. Dias		√				√	
3	Investigation of Improving user Introduction on Website	P.D.C. Ranaweera R.P.T.H. Gunasekara		√				√	
4	Design of a genetic micro strip patch antenna with broadside radiation for GSM applications	JMJW Jayasinghe, DN Uduwawala, J Anguera		√					International Journal of Scientific world
5	Efficient Control & Utilization of Rubber Waste using Mixed Integer Programming.	N. Thilakani R. Probadani C. Karunaratne N. Napagoda		√					Nineteenth International Forestry & Environment Symposium.

**f. Other**

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	A Comparison of neural networks to detect faults in a combustion engine using vibration signals	N.D. Liyanagedara; A. Ratnaweera; D.I.B. Randeniya	√				√		PGIS Research Congress 2014 (Abstract)
2	Selecting Most Suitable Members for Neural Networks Ensemble Rainfall Forecasting Model	H.R.K. Nagahamulla Uditha Rathnayaka A Rathnaweera		√				√	Conference
3	Artificial Neural Networks with K-Means clustering for short Term Rainfall Forecasting	H.R.K. Nagahamulla Uditha Rathnayaka A Rathnaweera	√				√		Conference

## ***Faculty of Business Studies & Finance***

### **a. Researches**

No	Title	Author/s	Published	Commercialized				Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I		
1	What drive people to work? An Investigation of successors of Generalizes Self - Efficacy	WDNSM Tennakoon	√							Wayamba Journal of Management December 2014
2	The type of task and method of training as determinants of self - efficacy: A test of Social learning theory	WDNSM Tennakoon		√					√	International Research Conference, University of Peradeniya,4-5 July 2014
3	"Potentialities and Limitations of Electronic Commerce": An Industrial Perspective	WDNSM Tennakoon		√					√	Wayamba International Research Conference, Wayamba University of Sri Lanka, August 2014
4	A Gap Analysis of Customers' Expectations and Perceptions on Service Quality in Insurance Sector (An empirical study on selected insurers in Sri Lanka)	WS Sanjeewa						√		Published at conference proceeding
5	Impact of Classical, Hip Pop and Rock Music on Motor Accident in Southern Province	DAM Perera, WS Sanjeewa						√		Published at conference proceeding



### c. Journals

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Journal of Accountancy and Finance	DAM Perera	√						Vol. 1(1)
1	Can your brands sell jobs	WDNSM Tennakoon	√						MBA - Magazine University of Peradeniya
2	The impact of intellectual capital on organizational performance with Special reference to selected listed companies in Sri Lanka	KAMS Kodisinghe	√						Journal of Banking December 2014
3	Dimensions of Entrepreneurial Self - Efficacy and Firm Performance	HMA Herath & Rosli Mahmood		√					Global Journal of Management and Business Research (A) Volume XIV Issue IV Version I Year 2014
4	Strategic Orientations and SME Performance: Moderating Effect of Absorptive Capacity of the Firm	HMA Herath & Rosli Mahmood		√					Asian Social Science; Vol.10,No.13;2014
5	The Relationship between the Ethical Corporate Culture and the Perceived importance of Ethics and Social Responsibility: Evidence from Sri Lankan Government Banking Sector	Karandakatiya T.K. & Yong-Qiang, G.		√					Zenith International Journal of Multidisciplinary Research, February 2014
6	The Relationship between Belief in a just world and Marketing Practitioners' perception towards the importance of Ethics and Social Responsibility	Karandakatiya T.K. & Yong-Qiang, G.		√					Zenith International Journal of Multidisciplinary Research, April 2015
7	Influence of selected personal factors on ethical sensitivity: A survey of Marketing practitioners in Private Business Enterprises in Sri Lanka	Karandakatiya T.K.		√					Galaxi International interdisciplinary Research Journal, April 2014
8	A Study of Managerial performance based on the differences in conceptual, technical & human relations skills of first tier Managers in Sri Lankan Garment Industry	AKDN Dilshani	√						Wayamba Journal of Management

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
9	Determining a Model of SME Performance Based on the Dimensions of Entrepreneurial orientation and Absorptive Capacity of the Firm	Herath M.Ariyaratna & Rosli Mahmood		√					Annual Conference on Management and Social Science, Singapore
10	Sri Lankan Journal of Banking & Finance	RA Rathnasiri	√						

#### e. Articles

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Impact of Quality Attributes of Packaging on Impulsive Buying in Supermarkets.	DAM Perera	√						Journal of Social Sciences, Vol. 1(1), Rajarata University of Sri Lanka.
2	Impact of Marketing Information on Investors buying Behavior in Share Market	DAM Perera	√						Journal of Accountancy and Finance, Vol. 1(1) Dept. of Accountancy Wayamba University of Sri Lanka
3	Profiling the Causal Factors of Motor Traffic Accidents in Sri Lanka	DAM Perera	√						YSF, Symposium 2013 - Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian, Research & Training Institute, Colombo 07, 07th February 2014

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
4	Forecasting of Prices of Rice in the Sri Lankan Market: The case of Red Raw Rice.	DAM Perera	√						YSF, Symposium 2013 - Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian, Research & Training Institute, Colombo 07, 07th February 2015
5	The Social Cost of Privatization: A case study from the Tea Industry	DAM Perera	√						YSF, Symposium 2013 - Young Scientists Forum of the National Science and Technology Commission (NASTEC), Hector Kobbekaduwa Agrarian, Research & Training Institute, Colombo 07, 07th February 2014
6	Cultural Perceptions of Symbolic Value: A case Study in Plantation Sector in Sri Lanka	DAM Perera	√						YSF, Symposium 2013 - Young Scientists forum of the National Science and Technology commission (NASTEC), Hector Kobbekaduwa Agrarian, Research & Training Institute, Colombo 07, 07 February 2014
7	Effect of 7 P's on company Image Positioning in Insurance Industry	DAM Perera		√					Wayamba International Conference(WinC) 2014 - 1st Internatinal Symposium, Wayamba University of Sri Lanka, 29 - 30 August 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
8	Brand Image and Brand Usage: An Analysis of the Impact of Brand Image Attributes on customer attitudes.	DAM Perera		√					Wayamba International Conference(WinC) 2014 - 1st Internatinal Symposium, Wayamba University of Sri Lanka, 29 - 30 August 2014.
9	Fisheries Insurance for the Sustainable Development of Capture Fisheries in Puttalam District.	DAM Perera		√					Wayamba International Conference(WinC) 2014 - 1st Internatinal Symposium, Wayamba University of Sri Lanka, 29 - 30 August 2014.
10	Workers' Perception towards the Development Initiatives in Tea Plantation sector in Kandy District of Sri Lanka.	DAM Perera		√					Wayamba International Conference(WinC) 2014 - 1st Internatinal Symposium, Wayamba University of Sri Lanka, 29 - 30 August 2014.
11	Causes of Road Traffic Accident Black Spots in Western Province	DAM Perera		√					Wayamba International Conference(WinC) 2014 - 1st Internatinal Symposium, Wayamba University of Sri Lanka, 29 - 30 August 2014.
12	A Challenge to Reach the Unreached: Perceptonal Value of Consumer on Life assurance products	DAM Perera		√					Wayamba International Conference(WinC) 2014 - 1st Internatinal Symposium, Wayamba University of Sri Lanka, 29 - 30 August 2014.
13	Impact of Anthropometric and Demographic Characteristics of Plucking efficiency	DAM Perera		√					Wayamba International Conference(WinC) 2014 - 1st Internatinal Symposium, Wayamba University of Sri Lanka, 29 - 30 August 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
14	Automobile Leasing: An impact of forcible influence of leasing companies on insurance buying decision of vehicle owners.	DAM Perera		√					Wayamba International Conference(WinC) 2014 - 1st Internatinal Symposium, Wayamba University of Sri Lanka, 29 - 30 August 2014.
15	Lapsation of Policy: A Threat for long-term insurance policies in Sri Lanka: An empirical investigation based on Kurunegala district.	DAM Perera		√					Wayamba International Conference(WinC) 2014 - 1st Internatinal Symposium, Wayamba University of Sri Lanka, 29 - 30 August 2014.
16	Forecasting fish prices in Colombo with SARIMA Model	DAM Perera		√					International Symposium on Agriculture and Environment (ISAE 2014),Faculty of Agriculture,University of Ruhuna,27th November 2014.
17	Components of Intellectual capital and shareholders return; A comparative study.	WADK Jayendrika	√						Journal of Accountancy and finance,Vol 1(1), Dept. of Accountancy, Wayamba University of Sri Lanka
18	Impact of Ethnic war on Dynamic properties of stock return: A study on Colombo stock exchange of Sri Lanka.	UES Kumara		√					3rd International conference on Management and Economics, University of Ruhuna, Sri Lanka, February 2014 conference proceedings 217 - 227
19	Does Entrepreneurial process of small Businesses vary with the contexts?	UES Kumara		√					3rd International conference on Management and Economics, University of Ruhuna, Sri Lanka, February 2014 conference proceedings 177 - 186

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
20	Effect of leverage on profitability and market performance in the manufacturing sector of Sri Lanka:A Panel Regression Analysis.	UES Kumara	√						Journal of Accountancy and Finance,Vol 1(1), Dept. of Accountancy, Wayamba University of Sri Lanka
21	Does the mode of opportunity Identification influence the innovativeness of Small Business? A study in Sri Lanka.	UES Kumara, WA Upananda		√					5th International Conference on Business Information, University of Kelaniya November 2014,conference proceedings 65-76
22	Influence of context on the entrepreneurship of Banks: A study on Royal Bank of Bhutan and Bank of Ceylon of Sri Lanka	UES Kumara		√					Wayamba International Conference(WinC),Wayamba University of Sri Lanka,August 2014, Proceeding:166
23	How does Institutional context influence entrepreneurial process of Sri Lankan Small Business?	UES Kumara, WA Upananda	√						Ruhuna Journal of Management and Finance,Vol.01(02),July 2014, 41 - 55
24	Do dynamic properties of stock return vary under hostile environment? A study during and after ethnic conflict in Sri Lanka.	UES Kumara, WA Upananda	√						Ruhuna Journal of Management and Finance,Vol.01(02),July 2014, 29 -40
25	Relevance of financial Accounting Information on Investors' decision: A special reference to the Banking sector in Sri Lanka	UGAC Karunananda	√						Journal of Accountancy and Finance,Vol.1(1), Dept. of Accountancy, Wayamba University of Sri Lanka
26	Enhancing the competitiveness of Sri Lankan SMEs' in a Global Economy	UGAC Karunananda	√						Accountants of Sri Lanka, Volume 04, March 2014
27	Effect of leverage on profitability and market performance in the manufacturing sector of Sri Lanka:A Panel Regression Analysis.	UGVDD Gunarathne	√						Journal of Accountancy and Finance,Vol 1(1), Dept. of Accountancy, Wayamba University of Sri Lanka

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
28	Assessment of the Return on Contributions and Financial Feasibility of the Employees' Provident Fund - A review	SK Gamage	√						Journal-article Journal of Accountancy & Finance Issue 1
29	Impacts of Regional Trade Agreements (RTAs) on Food Security: A Case of ASEAN Free Trade Agreement,	Herath, H.M.S.P., Cao, L. , Chen, Y.		√					International Journal of Social Science & Interdisciplinry Research, Vol.3(3):147-157
30	Impact of ASEAN Free Trade Agreement (AFTA) on Agri food Trade Creation and Trade Diversion,	Herath, H.M.S.P., Cao, L. , Chen, Y.		√					International Journal of Applied Research in Business Administration and Economics, Vol.3(1):32-42
31	Development of financial Intermediation in Sri Lanka general for speak approach	R.A. Rathnasiri						√	Conference WINC 2014
32	Influence of Governing Mechanism on Financial Performance: A study on Royal Bank of Bhutan and Bank of Ceylon	UES Kumara, WA Upananda	√						Wayamba Journal of Management, Volume 4, Issue 1, 2014
33	Could changing Context Make Small Businesses More Innovative? A case study in Sri Lanka	WA Upananda	√						Journal of Accountancy and Finance, Volume 1, Issue 2, 2014

#### f.Other

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Newsletter	DAM Perera , WAN Priyadarshaie	√						

## Faculty of Livestock, Fisheries & Nutrition

### a. Researches

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Fluctuations in Avian Distribution and Diversity in Anavilundawa Ramsar Sanctuary	A.M. Gunarathne, S. Jayakody, U.S. Amerasinghe	√						WILDLANKA Journal of the Department of Wildlife Conservation, Sri Lanka
2	Community acceptance and implementing feasibility of proposed techno-empowerment and good practices: a case from clam processing at Chilaw lagoon, Sri Lanka, Community acceptance and implementing feasibility of proposed techno-empowerment and good practices: a case from clam processing at Chilaw lagoon, Sri Lanka	S.C. Maharathge, M.D.S.T. de Croos, J.M.P.K Jayasinghe					√		Undergraduate Research Symposium-2014, Faculty of Livestock, Fisheries and Nutrition, Wayamba University of Sri Lanka
3	Seaweed <i>Kappaphycus alvarezii</i> : pest or prize?	B. Tharmini, M.D.S.T. de Croos					√		Undergraduate Research Symposium-2014, FLFN,WUSL.
4	Jellyfish in northern, western and southern Sri Lanka: taxonomic identification, abundance and fishery	Y.H.H.K. Kumari ,M.D.S.T. de Croos					√		Undergraduate Research Symposium-2014, FLFN,WUSL.
5	Squids and Cuttlefishes: diversity; seasonality and fishing industry off Kalpitiya in Northwest Sri Lanka	A.L.S. Sewwandi, M.D.S.T. de Croos					√		Undergraduate Research Symposium-2014, FLFN,WUSL.
6	Ballast water: availability of non-indigenous species and degree of management practices compliance by the ships arrived at the Colombo port, Sri Lanka	M.D.S.T. de Croos ,Weerasekara K.A.W.S , Hettige N.D ,Thilakarathne R.M.G.N, Priyadarshana R.N , De Silva L.L.R.B , Gunasekara K.A.U.S.					√		20th Sessions of the Sri Lanka Association for Fisheries and Aquatic Resources. Auditorium of National Aquatic Resources Research and Development Agency, Colombo 15



No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
7	Ring-nets Vs gillnets: comparison of food and feeding and reproductive biology of Frigate tuna	Walpita C. C., S.M. Hewage M.D.S.T. de Croos					√		20th Sessions of the Sri Lanka Association for Fisheries and Aquatic Resources. 22nd May 2014. Auditorium of National Aquatic Resources Research and Development Agency, Colombo 15
8	To expanding market: community empowerment in small-scale clam fishery in Merawala lagoon, in Sri Lanka	M.D.S.T. de Croos						√	The Seventeenth International Conference of the International Institute of Fisheries Economics and Trade (IIFET-2014), Queensland University of Technology (QUT), Brisbane, Australia
9	Present status of Mangrove in Mandaitivu, Jaffna, Sri Lanka	Yugawendra Kasivisuvanathan ,M.D.S.T. de Croos						√	The Seventeenth International Conference of the International Institute of Fisheries Economics and Trade (IIFET-2014), Queensland University of Technology (QUT), Brisbane, Australia.
10	Market chain assessment of the Blue swimming crab industry in Jaffna, Sri Lanka	S. Sivanthan , De Croos M.D.S.T.						√	1st Ruhuna International Science & Technology Conference RISTCON 2014, Faculty of Science University of Ruhuna, Matara, Sri Lanka.
11	Market chain analysis of edible oyster in Sri Lanka: a case study at Puttalam lagoon	M.M. Subasinghe ,M.D.S.T. de Croos ,W.M.T.B. Wanninayake						√	1st Ruhuna International Science & Technology Conference RISTCON 2014, Faculty of Science University of Ruhuna, Matara
12	Clamp processing methods in Sri Lanka: issues and constraints	M.D.S.T. de Croos, T. Nilojitha, J.M.P.K Jayasinghe						√	First International Conference of Wayamba University of Sri Lanka

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
13	How artisanal stake-net fishery survived for Last 300 years in the dynamic and competitive environment? Present status of Mangrove in Mandaitivu, Jaffna, Sri Lanka	M.D.S.T. de Croos						√	The Seventeenth International Conference of the International Institute of Fisheries Economics and Trade (IIFET-2014), Queensland University of Technology (QUT), Brisbane, Australia
14	Exploratory drilling for hydrocarbon resources in Cauvery basin: Potential impact on artisanal fishery and fishing grounds of Sri Lanka	Jayasinghe J.M.P.K		√					Journal of Marine biological association of India
15	Shrimp Farms Sustainability In The Eastern Province; Is Adoption of Cluster Farm Approach Through Existing Farmer Societies A Better Solution?	Hassan, A.L.I.Jayasinghe, J.M.P.K.					√		Proc. 3rd Annual sessions. Young Scientist Forum.
16	Comparison of the farm performance of the Shrimp farm industry in the North-Western and the Eastern Provinces	Hassan, A.L.I.Jayasinghe, J.M.P.K.					√		Proc. 21st Annual sessions. Jaffna Science Association
17	Strengthening of Farmer Societies for the Sustainability of the Shrimp Culture Industry in the Eastern Province	Hassan, A.L.I. Jayasinghe, J.M.P.K.					√		Proc. 20th Annual sessions. Sri Lanka Association for Fisheries and Aquatic Resources
18	Shrimp Aquaculture Development in the Eastern Province of Sri Lanka; Use of Better Management Practices (BMP's) For Sustainability.	Hassan, A.L.I. ,Jayasinghe, J.M.P.K.						√	Wayamba International Conference (WinC 2014). Wayamba University of Sri Lanka
19	Impact of cluster approach on health management in small scale shrimp farming in Sri Lanka	Jayasinghe, J.M.P.K. Hassan, A.L.I.						√	9th Symposium on Diseases in Asian Aquaculture", Vietnam
20	Policy issues in shrimp health management in Sri Lanka: Recent trends and future direction.	Gunaratne T.V.N.M ,Jayasinghe J.M.P.K.						√	9th symposium on Diseases in Asian Aquaculture", Vietnam
21	Use of geographical information system and remote sensing techniques for planning culture-based fisheries in non-perennial reservoirs of Sri Lanka.	Wijenayake W.M.H.K Gunaratne A.B De Silva S.S Amarasinghe U.S.		√					Journal of Lake and Reservoirs:Research and Management, Wiley Publisher

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
22	Preliminary investigation of water quality of irrigation reservoirs of Kala Oya river basin, Sri Lanka	Nadarajah S Amarasinghe U.S. Wijenayake W.M.H.K					√		5th Annual research Symposium of the Faculty of Graduate studies, University of Kelaniya
23	Growth performances of exotic fish species in culture-based fisheries and interactions with indigenous species	Wijenayake W.M.H.K Gonapinuwala S.T Fernando A.W.						√	Wayamba International Conference (WinC 2014). Wayamba University of Sri Lanka
24	Socio-economic, food security and fisheries management of two fishing communities in Iranamadhu reservoir.	D. Bernard W.M.H.K Wijenayake					√		Undergraduate Research Symposium-2014, FLFN,WUSL
25	Production of all-male tilapia ( <i>Oreochromis niloticus</i> ) by engrossing eggs in $17\alpha$ -methyltestosterone	G. Nishanthan W.M.H.K Wijenayake					√		Undergraduate Research Symposium-2014, FLFN,WUSL
26	Food resources sharing of exotic and indigenous fish species in three non-perennial reservoirs in Sri Lanka.	W.M.M.K Wasala W.M.H.K Wijenayake					√		Undergraduate Research Symposium-2014, FLFN,WUSL
27	Effect of different low salt concentrations on quality of dried fish (Goldstripe <i>Sardinella</i> )	S.G.L.I Nuwanthi S. Madage I.G.N Hewajulige R.G.S Wijesekara					√		Undergraduate Research Symposium-2014, FLFN,WUSL
28	Use of solar drying technology for the production of high quality dried fish	V. Roshani R.G.S Wijesekara					√		Undergraduate Research Symposium-2014, FLFN,WUSL
29	Plankton diversity, salinity interation and fish consumption patterns in brackish water ponds	M.G.P Tharaka R.G.S Wijesekara S. Jayasekara					√		Undergraduate Research Symposium-2014, FLFN,WUSL
30	Scale-up project report on Aquaculture Development (Draft report) presented to IDRC.	S.L.A Daniel D.S Jayakody Tim Dejager						√	
31	Fishery and some aspects of reproductive biology of the slipper lobster ( <i>Thenus orientalis</i> ) in Sri Lanka	H.P Kalyani D.S. Jayakody						√	First International Conference of Wayamba University of Sri Lanka
32	Possibility of Tank Cleaner fishmeal usage in aqua feed; comparison of commercial and two experimental feed type.	V. Kirushnananthy D.S. Jayakody L. Weerasekara					√		Undergraduate Research Symposium-2014, FLFN,WUSL

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
33	Effect of tuna based formulated diet on Growth and play behaviour of domestic cats.	H.N.N. Dilrukshi K.W.G.N.D.K. Abeysinghe	√				√		
34	Development of a drinking yoghurt enriched with avocado.	W.A.D.C Gunawardana H.N.N Dilrukshi	√				√		
35	Determination of behavioral adaptations of tortoise in response to different environmental stimuli.	M.S.F Husna H.N.N. Dilrukshi G.A Prathapasinghe	√				√		
36	Blood cell morphology and hematological parameters in Parkers black turtle ( <i>Melanochelys trijuga parkeri</i> ), Black turtle ( <i>Melanochelys trijuga thermalis</i> ), Flap shell turtle ( <i>Lissemys punctata</i> ) and Sri Lankan Star tortoise ( <i>Geochelone elegans</i> ) kept in captivity.	K.V.U.S., Perera H.N.N Dilrukshi. W.P.S.N. Wijeweera G.A Prathapasinghe	√				√		
37	Food preferences, feeding habits and growth rates of Parker's black turtle ( <i>Melanochelys trijuga parkeri</i> ), Black turtle ( <i>Melanochelys trijuga thermalis</i> ), Flap shell ( <i>Melanochelys trijuga parkeri</i> ), Black turtle ( <i>Melanochelys trijuga thermalis</i> ), Flap shell turtle ( <i>Lissemys punctata</i> ) & Sri Lankan star tortoise ( <i>Geochelone elegans</i> ) kept in captivity.	K.D.C Dahanayake H.N.N.Dilrukshi B.P.A. Jayaweera G.A. Prathapasinghe		√			√		
38	Effect of processing and food preparation methods on polyphenolic content of finger millets ( <i>Elucine coracana</i> ).	Kumari KDD, Chandrasekara GAP	√				√		Presented at Young Scientists Forum (YSF) Symposium, National Science & Technology Commission, Colombo, Sri Lanka.
39	Nutritional status and functionality of institutionalized elderly.	Chandrasekara GAP, Saritha K, Bavani M	√				√		Presented at Annual scientific sessions of the Nutrition Society of Sri Lanka, Taj Samudra, Colombo, Sri Lanka, January 25-26

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
40	Hilmi AJ (2014) Prolonged lactation reduces the risk of ovarian cancer in Sri Lankan women: a preliminary case control study.	Hettiarachchi, JIK, Chandrasekara GAP,					√		Presented at Annual scientific sessions of the Nutrition Society of Sri Lanka, Taj Samudra, Colombo, Sri Lanka, January 25-26
41	Biodiversity and nutraceutical properties of millets in Sri Lanka.	Chandrasekara, A, Kumari KDD		√				√	Presented at the International Conference on Biodiversity Food and Nutrition, Colombo, Sri Lanka, December 8.
42	Antioxidant properties of yam (Dioscorea) tuber species as affected by processing.	Chandrasekara, A, Herath A		√				√	Presented at the International Conference on Biodiversity Food and Nutrition, Colombo, Sri Lanka, December 8.
43	Underutilized cereal phenolics as functional food ingredients and their processing effect on antioxidant activities	Chandrasekara, A		√				√	Presented at the 7th Conference on Functional Foods, Nutraceuticals, Natural Health Products and Dietary Supplements, Istanbul, Turkey, October 14-17
44	Role of functional foods in non-communicable disease management.	Chandrasekara, A, Dharsani N		√				√	Presented at the 7th Conference on Functional Foods, Nutraceuticals, Natural Health Products and Dietary Supplements, Istanbul, Turkey, October 14-17.
45	Daugelaite, J., Shahidi, F (2014) Free radical scavenging and DNA scission inhibition activity of bael (Aegle marmelos) flower extracts.	Chandrasekara, A,		√				√	Presented at the Wayamba International Conference (WinC) 2014, Wayamba University of Sri Lanka, Kuliypitiya, Sri Lanka, August 28-29

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
46	Phenolic content and antioxidant activities of olu (Nymphaea lotus) rice.	Chandrasekara, A., Walallawita, U., Kumari, KDD		√				√	Presented at the Wayamba International Conference (WinC) 2014, Wayamba University of Sri Lanka, Kuliypitiya, Sri Lanka, August 28-29
47	Phenolic content and antioxidant activities of millet grains as affected by extraction methods and solvents.	Kumari KDD, Chandrasekara GAP, Madhujith T		√				√	Presented at the 1st Ruhuna International Science & Technology Conference ( RISTCON) 2014, Ruhuna University, Matara, Sri Lanka, January 22-23
48	Whole grain cereals and Health: Knowledge, attitudes and practices of Sri Lankan adults.	Chandrasekara GAP, Jayalath JMLRB		√				√	Presented at the 1st Ruhuna International Science & Technology Conference ( RISTCON) 2014, Ruhuna University, Matara, Sri Lanka, January 22-23
49	Utilization of agrobiodiversity for dietary diversity by rural households in Sri Lanka	KDRR Silva, GJM Nanayakkara, VS Jayamanna, DGNG Wijesinghe, SN Fernando and GAW Wijesekera		√				√	Abstracts – International Symposium on Biodiversity, Food and Nutrition; 8 December 2014, Colombo, Sri Lanka
50	Biodiversity in home gardens and its contribution to the food and nutrition security of rural households	N Jajanthi, KDRR Silva and MSF Sirasa		√				√	Abstracts – International Symposium on Biodiversity, Food and Nutrition; 8 December 2014, Colombo, Sri Lanka
51	Linking agrobiodiversity to dietary diversity for achieving optimum nutrition and health: Sri Lanka perspective	KDRR Silva		√				√	Abstracts – International Symposium on Biodiversity, Food and Nutrition; 8 December 2014, Colombo, Sri Lanka

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
52	Antioxidant properties of selected commonly consumed and underutilized fruits in Sri Lanka.	MSF Sirasa, MJF Rukiya and KDRR Silva		√				√	Proceedings of the Peradeniya University International Research Sessions, Sri Lanka, Vol 18 4-5 July 2014
53	Contribution of traditional food systems towards food and nutrition security of rural households in Sri Lanka	MSF Sirasa, KDRR Silva, NAKC Nishshanka & N Jajanthi	√				√		Abstracts – Annual Scientific Sessions of the Nutrition Society of Sri Lanka, Colombo , Sri Lanka. 25-26 January 2014. 18p.
54	Endothelial dysfunction and cardiovascular risk: Can dietary modifications help?	KDRR Silva	√				√		Abstracts – Annual Scientific Sessions of the Nutrition Society of Sri Lanka, Colombo , Sri Lanka. 25-26 January 2014. 3 p.
55	Early childhood growth in relation to maternal and birth characteristics: a prospective cohort study.	GJM Nanayakkara and KDRR Silva		√				√	Proceedings of the Wayamba university International Conference, Sri Lanka. 29-30 August 2014. 209p.
56	Development of food composition database for nutrient composition of mixed dishes for Sri Lanka by recipe calculation.	J Thamilini, KDRR Silva and K Krishnapriya		√				√	Proceedings of the Wayamba university International Conference, Sri Lanka. 29-30 August 2014. 231p.
57	High prevalence of stunted preschool children in food insecure rural households.	J Thamilini, KDRR Silva and JMUK Jayasinghe	√				√		26th Annual Congress of the Postgraduate Institute of Agriculture, 20-21 November 2014. 71p.
58	Structural Breaks in Prices of Common Rice Types in the Sri Lankan Market.	Jeewanthi PW , HMLK Herath, W Wijesuriya, UK Jayasinghe-Mudalige, JC Edirisinghe, JMM Udugama and KDRR Silva		√				√	International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, 27th November 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
59	Forecasting Fish Prices in Colombo with SARIMA Model	Perera KBP, HMLK Herath, W Wijesuriya, UK Jayasinghe-Mudalige, JC Edirisinghe, JMM Udugama, DAM Perera and KDRR Silva		√				√	International Symposium on Agriculture and Environment (ISAE 2014), Faculty of Agriculture, University of Ruhuna, 27th November 2014.
60	Assessment of nutritional status of patients with pre-dialysis chronic kidney disease treated at Sri Jayawardenepura Hospital	A M N T Adikari	√						Proceedings of the 70th Annual Sessions of Sri Lanka Association for the Advancement of Science, University of Colombo, 1st to 5th December 2014.p 4
61	An approach to provide safe food for hospitalized patients of the National Hospital of Sri Lanka	A M N T Adikari	√						Proceedings of the 70th Annual Sessions of Sri Lanka Association for the Advancement of Science, University of Colombo, 1st to 5th December 2014.p 5.
62	Evaluation of the developed tool for assessing the nutritional status of hospitalized patients	Adikari Thakshila		√					Nutrition And Food Sciences Research; Special Issue for the 1st International & 13th Iranian Nutrition Congress (Nov 30- Dec 3, 2014, Tehran, I.R. Iran) Abstract Book, Vol: 1, Supplement 1, Nov-Dec 2014, ISSN 2383-0441, P 51
63	Mothers' knowledge, attitude and practices regarding nutrition during pregnancy and infant feeding	K. Kowsika and A.M.N.T. Adikari	√						Abstracts book of Undergraduate Research Symposium- 2014, 5th November 2014, at the Faculty of Livestock, Fisheries and Nutrition, Wayamba University of Sri Lanka, Makandura. P. 72



No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
64	Nutritional status of pregnant women in Pannala	B. Suthan and A.M.N.T. Adikari	√						Abstracts book of Undergraduate Research Symposium- 2014, 5th November 2014, at the Faculty of Livestock, Fisheries and Nutrition, Wayamba University of Sri Lanka, Makandura. P. 85.
65	Beliefs of Sri Lankan mothers on complementary foods	Thakshila Adikari		√					Congress Abstract Book of the 6th Asian Congress of Dietetics, 21st to 24th August 2014, Taipei, Taiwan. P. 128.
66	Development of a Menu Booklet for pregnant Mothers in Sri Lanka	Adikari A.M.N.T., Sivakanesan R., Liyanage C., and D.G.N.G. Wijesinghe	√						HETC Symposium – 2014 Proceeding of the High Education for the Twenty First Century (HETC) Project, 7th and 8th July 2014, at Hotel Galadari, Colombo, Sri Lanka. P. 85.
67	What are the common beliefs on complementary feeding?	A.M.N.T. Adikari	√						Proceeding of the Annual Scientific Sessions of the Nutrition Society of Sri Lanka, 25th -26th January 2014, at Taj Samudra, Colombo, Sri Lanka. P.28-29.
68	Risk factors for low birth weight deliveries	Ranathunga RMTK and Vathsala M	√				√		
69	Usage of supplements by national level athletes in Sri Lanka	Ranathunga RMTK and Tivakaran T	√				√		
70	Energy balance of school athletes in Sri Lanka	Ranathunga RMTK and Mujeeburrahman M	√				√		

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
71	Determination of antioxidant properties of selected locally available Sri Lankan fruits	RT Dinoosha, MSF Sirasa, KDRR Silva	√				√		Undergraduate Research Symposium - 2014, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, November 05
72	Development and validation of food frequency questionnaire to assess the energy intake and nutrient intakes of overweight and obese school children	MLF Rameeza, MSF Sirasa, KDRR Silva	√				√		Undergraduate Research Symposium - 2014, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, November 05
73	Relationship between adiposity and nutritional status of school children	GRNN Waidyarathna, KDRR Silva & MSF Sirasa	√				√		Undergraduate Research Symposium - 2014, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, November 05
74	Relationship between lipid peroxidation and lipid accumulation product in type 2 diabetic patients	HP Gunawardena, KDRR Silva , R Sivakanesan and P Katulanda		√					Asian Congress of Nutrition, Japan
75	Knowledge, attitude and practices of type 2 diabetic patients on glycaemic control	K Saranja & HP Gunawardena	√				√		Undergraduate Research Symposium - 2014, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, 5th November 2014
76	Antioxidant status of male diabetic patients	HGU Kalpani , HP Gunawardena, and KDRR Silva	√				√		Undergraduate Research Symposium - 2014, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, 5th November 2014

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
77	Dietary intake and glycaemic control of male diabetic patients	SAKP Lakmali, HP Gunawardena and KDRR Silva	√				√		Undergraduate Research Symposium - 2014, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, 5th November 2014
78	Optimization of organoleptic characteristics and shelf life of carrot yogurt.	Priyadarshani MD and Liyanage DN (2014).	√				√		Proceeding Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.
79	Development and quality evaluation of a frozen cashew nut curry.	Rajapaksha DRA and Liyanage DN	√				√		Proceeding Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.
80	Optimization of the production process of sugar from palmyrah sweet sap.	Ranjith M, Sangheetha S and Liyanage DN	√				√		Proceeding Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.
81	Study of the effectiveness of thermal treatment on the destruction of mesophilic and thermophilic spores in coconut milk.	Chandrapala IWGGW, Kanugala KANP and Liyanage DN	√				√		Proceeding Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.
82	Achieving Student Centered Learning with non-credit courses in the Higher Education Sector: a Case Study at Wayamba University.	Liyanage DN and Jayaweera BPA	√						Proceeding SDC-SLAIHEE Conference 2014, Colombo, Sri Lanka.
83	Biochemical and physiological characterization of Lactobacillus spp. isolated from curd ( 'Deekiri' and 'Meekiri').	Adikari, A.M.M.U., Jayathilake, J.A.M.S., Parahitiyawa, N.B., Vidanarachchi, J.K. and Kodithuwakku, K.K.S.P.		√					PURSE

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
84	Characterization and molecular identification of <i>Lactobacillus</i> spp. isolated from curd ('Deekiri' and 'Meekiri').	Adikari, A.M.M.U., Jayathilake, J.A.M.S., Parahitiyawa, N.B., Vidanarachchi, J.K. and Kodithuwakku, K.K.S.P.	√						PGIS Research session
85	Development of a coconut ( <i>Cocos nucifera</i> L.) sap based ready to drink beverage	Chandima, W.N., Yalegama, L.L.W.C. and Adikari, A.M.M.U.	√						Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.
86	Formulation of nutritionally rich instant dry soup mix incorporating stabilized rice bran	Dasanayaka, D.M.C.M.K, Rebeira, S.P.S. and Adikari, AMMU	√						Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.
87	Determination of selected probiotic properties and processing potential of locally isolated <i>Lactobacillus</i> spp.	Thushari, S. and Adikari, A.M.M.U.	√						Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.
88	Antioxidant effects of three green leaves extracts on the stability of Nile Tilapia ( <i>Oreochromis niloticus</i> ) Fish Nuggets under Frozen Storage	H.M.D.K.Gunarathna and K.D.P.P.Gunathilake	√				√		Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.
89	Minimizing of Delayed Bitterness of Lime Juice using activated carbon	K.A.D.L. Bhagya, K.D.P.P Gunathilake, S. Alahakoon	√				√		Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.
90	Development of a Ready to Serve (RTS) tender coconut ( <i>Cocos nucifera</i> L.) beverage incorporated with its kernel.	W.K.M. Omeka, K.D.P.P Gunathilake and L.L.W.C Yalegama	√				√		Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
91	Formulation of an antioxidant rich beverage using soursop ( <i>Annona muricata</i> L.) blended with ginger ( <i>Zingiber Officinale</i> ) extract	G.W.S. Madurangi and K.D.P.P. Gunathilake	√				√		Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.
92	Effects of varietal differences and processing methods of rice ( <i>Oryza Sativa</i> L.) on glycemic index	WGPL Wickramage, PMHD Pathiraje, KDPP Gunathilake and A. Chandrasekara	√				√		Undergraduate Research Symposium 2014. Faculty of Livestock, Fisheries and Nutrition. Wayamba University of Sri Lanka.
93	Development and evaluation of a rice bran incorporated vegetable soup cube	A.N.A.T. Sumathipala, H.P.S. Senarath, A. Chandrasekara	√				√		Proceeding of the undergraduate research symposium, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, 05th November 2014
94	Raw milk quality based index predicting the grade of whole milk powder	EMNT Ekanayake, H.P.S. Senarath, L. Rupasinghe	√				√		Proceeding of the undergraduate research symposium, Faculty of Livestock, Fisheries & Nutrition, Wayamba University of Sri Lanka, 05th November 2014
95	Product diversification of Tilapia/Carp catch to support the government's policy of inland fishery in Sri Lanka, Funded by National Agricultural Research Plan of the National Agricultural Research System of Sri Lanka, 2012-2014 (Value LKR 2.4 mn), Principal Investigator	CVL Jayasinghe, MSW de Silva, ODAN Perera, BPA Jayaweera, Gamika Prathapasinghe, JMJK Jayasinghe	√					√	Proceeding
96	Promoting Rural Income from Sustainable Aquaculture through Social Learning in Sri Lanka. Funded by International Development Research Center, Canada (2013 -2014) (Value LKR 37 mn) Research Team Member	CVL Jayasinghe, DS Jayakody, JMPK Jayasinghe, WMHK Wijenayake, TIM Dejager	√					√	Proceeding

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
97	Assessment of pesticide residues and heavy metals, Vegetables and milk in Nuwara Eliya district and development of mitigation techniques to minimize health hazards caused by these xenobiotics. NRC Grants 2013-NRC Grant No.13-088, (Value 7,287,750/-)Co- Investigator	CVL Jayasinghe, JMJK Jayasinghe, Rohana Chandragith, RAUJ Marapana, SB Nawarathne	√						
98	Composition and Hydroxymethylfurfural analysis of Bees honey, coconut and kithul treacle	CVL Jayasinghe, C Ranaweera, A Nawarathne	√					√	Proceeding
99	Incorporation of germinated pulses into low-value fish to generate a fish-based protein matrix	CVL Jayasinghe, P Shand, J Wanasundara	√					√	Proceeding
100	Determination of marine derived tocopherol and octadecenoic acids isomers in Sri Lankan fishes	CVL Jayasinghe, N Gotoh	√						
101	Association of Omega-3 Polyunsaturated fatty acid, Tocopherol Content in fish and fish consumption pattern on prevalence on cardio vascular diseases in Eastern Sri Lankan Community.	C Devadason CVL Jayasinghe R Sivakaneshan		√				√	Proceeding
102	Preparation of an alcoholic beverage from tea.	Priyadarshani, K.V.P.I., Prasadi, V.P.N. and Perera, O.D.A.N.		√				√	Proceedings of Wayamba University International Conference, Sri Lanka, 221p. 29-30th August 2014.
103	Development of Palmyrah (Borassus flabellifer) tuber based precooked supplementary food “Palmyrah Nutrimix”,	Piratheepan, S. Sangeetha, S., Perera, O.D.A.N. Srivijendran, S. and Jayasinghe, C.V.L.		√				√	Proceedings of Wayamba University International Conference, Sri Lanka, 219p. 29-30 th August 2014.
104	Rice bran stabilization by saturated steam, its effect on antioxidant activity and development of rice bran incorporated cracker.	Thilakarathna, W.P.D.W., Gunawardhane, K.V.T., Abeysekara, W.P.K.M. and Perera, O.D.A.N.	√				√		Abstracts, Undergraduate Research Symposium-2014, Faculty of Livestock, Fisheries and Nutrition, Wayamba University of Sri Lanka, p 61, 05th November 2014.

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
105	Effect of Cinnamon ( <i>Cinnamomum verum</i> ) extracts on functional properties on dairy butter. University of Sri Lanka, p 60, 05th November 2014.	Vidanagamage, S.A., Pathiraje, P.M.H.D. and Perera O.D.A.N.	√				√		Abstracts, Undergraduate Research Symposium-2014, Faculty of Livestock, Fisheries and Nutrition, Wayamba
106	Impregnation of ethylene scrubbers in paper made from banana fibre delay ripening of 'Ambul' banana.	Gamage, S.M., Hewajulige, I.G.N. and Perera O.D.A.N.		√				√	1st Ruhuna International Science and Technology Conference, (RISTCON) University of Ruhuna, Matara, Sri Lanka, p 93, 22-23 January 2014.
107	Development of fiber rich soft dough biscuits fortified with kohila ( <i>Lasia spinosa</i> ) flour.	Pupulawaththa, A.W., Perera, O.D.A.N. and Ranwala, A.		√				√	1st Ruhuna International Science and Technology Conference, (RISTCON) University of Ruhuna, Matara, Sri Lanka, p 82, 22-23 January 2014.
108	Formulation of value added crackers using defatted coconut flour and evaluation of its quality parameters.	Mihirani, M.K.S., Jayasundera, J.M.M.A., Pathiraje, P.M.H.D. and Perera, O.D.A.N.		√				√	1st Ruhuna International Science and Technology Conference, (RISTCON) University of Ruhuna, Matara, Sri Lanka, p 88, 22-23 January 2014
109	Development of a cinnamon flavoured butter.	Rathnayaka, R.M.C.P., Pathiraje and Perera, O.D.A.N.		√				√	1st Ruhuna International Science and Technology Conference, (RISTCON) University of Ruhuna, Matara, Sri Lanka, p 93, 22-23 January 2014.
110	End Use quality of hermetic stored mungbean	BDR Prasantha, VPN Prasadi and KMS Wimalasiri						√	International Working Conference on Stored Product Protection

## b. Innovations

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Modified Solar Dryer	R.G.S. Wijesekara	√						Wayamba University of Sri Lanka
2	Tilapia fish based sausage	CVL Jayasinghe, P Shand, J Wanasundara		√				√	presented
3	Tilapia based fish pickle	CVL Jayasinghe, S Sasikaran		√				√	presented
4	Tilapia based fish nuggets	CVL Jayasinghe, SS Silva		√				√	presented
5	Tilapia based fish meal	CVL Jayasinghe, BPA Jayaweera, T Bambarenda		√				√	presented
6	Palmyrah based supplementary food “Palmyrah nutrimix”	CVL Jayasinghe, S Piratheepan, S Sangheetha, ODAN Perera, S Srivijendran		√				√	presented



### c. Journals

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	A survey on medicinal materials used in traditional systems of medicine in Sri Lanka.	T.N.M. Kankanamlage R.M. Dharmadasa D.C. Abeysinghe R.G.S Wijesekara		√					Journal of Ethnopharmacology
2	Wayamba Journal of Animal Science			√					
3	Dietary intake of calcium, vitamins A and E and bleeding on probing in Sri Lankan preschoolers.	Nanayakkara V, Ekanayake L, Silva R.		√					Community Dent Health. 31(3):153-7.
4	Comparison of general nutritional composition of wild rice <i>Oryza rhizomatis</i> D.A. Vaughan and the commercial variety Bg352.	Gowri Rajkumar, Renuka Silva, Jagathpriya Weerasena and Kumudu Fernando		√					Tropical Plant Research 81(2): 08–10.
5	Partial concentration of bioactives in fruit juices by membrane filtration and evaluation of their physico-chemical and antioxidant properties.	Gunathilake K.D.P.P., Yu, L. J., Rupasinghe, H. P. V.		√					Journal of Food Chemistry, 148, 336-341
6	Inhibition of human low density lipoprotein oxidation in vitro by ginger extracts.	Gunathilake K.D.P.P., Rupasinghe, H. P. V.		√					Journal of Medicinal Foods, 17 (4), 424-431
7	Optimization of water based-extraction methods for the preparation of bioactive rich ginger extract using response surface methodology.	Gunathilake K.D.P.P., Rupasinghe, H. P. V.		√					European Journal of Medicinal Plants, 4(8)
8	Consumer preferences and fish availability in rural and urban fish markets in Batticaloa District, Eastern Sri Lanka	Chand Devadason and Chamila Jayasinghe		√					Journal European International Journal of Applied Science and Technology, (1), 39-50.
9	Consumer preferences and fish availability in rural and urban fish markets in Baticaloa district, Eastern Sri Lanka,	CG Devadason and CVL Jayasinghe						√	Proceedings of Wayamba International Conference “Sustainable Development through Equitable Sharing”, Wayamba University of Sri Lanka, Kuliyaipitiya, Sri Lanka, 189p

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
10	Utilization of Nile Tilapia ( <i>Oreochromis niloticus</i> ) for diversified food products with zero waste.	C Jayasinghe and S Silva						√	Proceedings of the SLCARP International Symposium, Colombo, Sri Lanka, 129p
11	Revealing and enhancing the position of women in Sri Lankan aquaculture development, Dialogue on International Food Security 2014- Enhancing Food production, Gender Equity and Nutritional Security in a Changing world, University of Alberta, Edmonton, Canada, 15p	C Jayasinghe						√	proceedings
12	Evaluation of Binders for Tilapia fish sausage Production and shelf life evaluation in frozen storage.	DDADU Deshapriya, AN Lalantha and CVL Jayasinghe						√	Proceedings 1st Ruhuna Science & Technology Conference, University of Ruhuna, Sri Lanka.
13	Development of Fiber Rich Soft Dough Biscuits Fortified with Kohila ( <i>Lasia spinosa</i> ) Flour.	Pupulawaththa AW, Perera ODAN, Ranwala A	√				√		Journal of Food Processing Technology 5:395. doi: 10.4172/2157-7110.1000395

#### d. Books

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Shrimp Health Management in Sri Lanka	J.M.P.K. Jayasinghe R.G.S Wijesekara	√						Published by: Department of Aquaculture & Fisheries
2	Shrimp Health Management in Sri Lanka	J.M.P.K. Jayasinghe R.G.S Wijesekara	√						Published by: Department of Aquaculture & Fisheries
3	හෙළ වෙදකම් හා බැඳුන කෙම් ක්‍රම	B.P.A Jayaweera	√						
4	Book chapter on Processing of millet grains and effects on non- nutrient antioxidant compounds.	Shahidi F, Chandrasekara A (2014)		√					In Processing and impact on active components in foods. ( ed by Victor R Preedy ), Elsevier Inc. UK PP 345-392
5	දහමයි ඔබයි - පැන විසඳුම්	DN Liyanage	√						Book
6	Lipid bodies isolated microalgae residues as a source for bio-ethanol production (2014), In: Advances in Seafood Processing By-Products, Edited by Se-Kwon Kim, Springer, USA, 407-422, ISBN 978-1-4614-9589-5.	Chamila Jayasinghe and David Gray		√					
7	Tilapia fish based novel food products (2014) Published by Department of Food Science & Technology, Wayamba University of Sri Lanka. ISBN 978-955-4709-29-4	Chamila Jayasinghe and Kanchana Hettiarachchi	√						

### e. Articles

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	Towards a new market: community empowerment in small-scale clam fishery in Merawala lagoon, in Sri Lanka (in Sinhalese	M.D.S.T. de Croos	√						Seth-Samudura. Annual magazine of Marine Environment Protection Authority (MEPA).
2	Climate change impact on the coastal and marine fisheries resources and possible solutions to mitigate the impacts. Training workshop on Aquatic Biodiversity and Climate Change	Jayakody D.S.						√	Conducted by SAARC Coastal Zone Management Centre, Male, Maldives.
3	Impact of river basin and coastal development activities to the coastal and marine fisheries resources and livelihoods of fishing communities	Jayakody D.S.						√	Conducted by SAARC Coastal Zone Management Centre, Male, Maldives.
4	Bo novena roga walin arakshaweemata millet ahara'	Chandrasekara A.	√						Daily Lankadeepa News Paper'' 6 <sup>th</sup> October , Page 22.(2014)
5	Nirogi geshta puravesiyek wane keseda ?	Chandrasekara A.	√						Waidyawardaya Health and Medicinal Journal, Health watch Publications, Diyathalawa, Sri Lanka,
6	Millet ahara yanu monawada	Chandrasekara A.	√						Daily Lankadeepa News Paper'' 10 <sup>th</sup> February, Page 5.
7	Whole grain antioxidants in human health' Nutrition Focus, The Official News Letter for Nutrition Society of Sri Lanka, Issue 01-2014.	Chandrasekara A.	√						
8	Apata amathaka apema sampradaika ralu dhanaya	Chandrasekara A.	√						Waidyawardaya Health and Medicinal Journal, Health watch Publications, Diyathalawa, Sri Lanka,
9	Approaches for effective mentoring to build up a growth mind set in university students	H.P.S. Senarath Udith Jayasinghe, Ajith Jayaweera	√				√		Staff Development Center, Wayamba University of Sri Lanka, 2014

**f. Other**

No	Title	Author/s	Published		Commercialized		Presented		Other details (journal/proceeding conference etc)
			N	I	N	I	N	I	
1	සූර්ය තාප විචල්‍යතා යන්ත්‍රය	RGS Wijesekara	√						(Leaflet) Wayamba University of Sri Lanka
2	Water Quality Management in Shrimp Culture	Jayasinghe, JMPK Jayasinghe SM	√						(Booklet) Wayamba University of Sri Lanka
3	Risk Reduction in Shrimp Culture industry through water management intervention	Jayasinghe, JMPK Jayasinghe SM	√						(Booklet) Wayamba University of Sri Lanka
4	Swine Ration Builder - CD	B.P.A. Jayaweera			√				
5	Cattle Ration Builder - CD	B.P.A. Jayaweera			√				
6	Fish Ration Builder - CD	B.P.A. Jayaweera			√				
7	Healthy cooking methods to preserve nutrients	Ranathunga RMTK	√						
8	Nutrition for bone health	Ranathunga RMTK	√						
9	Food related myths during pregnancy	MSF Sirasa	√						Waidyawardaya Magazine, Sri Lanka, August 2014
10	How Vegetarians can get adequate nutrients?	MSF Sirasa	√						Waidyawardaya Magazine, Sri Lanka, August 2014
11	Fruits and vegetable intake and glycaemic control of diabetics	HP Gunawardena	√						Waidyawardaya Magazine, Sri Lanka, August 2014
12	How stress will lead to develop diabetes	HP Gunawardena	√						Waidyawardaya Magazine, Sri Lanka, August 2014