

Annual Report - 2010

Uva Wellassa University



**Uva Wellassa University
Passara Road
Badulla**

The Chancellor and the Officers of the University – 2010

Chancellor:

Rajakeeya Pandithe Ven. Dr. Aluthwewa Soratha BA, PhD (Sri Jay.)

Officers:

Vice Chancellor	Mr. Chandra Embuldeniya BSc (Math) (Peradeniya), PGDip. Math. (Peradeniya)
Deans of Faculties	Dr. G. Chandrasena, BSc Agri (S.Lanka), MSc (Kelaniya), MPhil (Peradeniya), PhD (UK) / Dean of the Faculty of Animal Science & Export Agriculture Dr. S.C. Jayamanne, BSc (Sri Jay.), MPhil (Sri Jay.), PhD (Scotland) / Acting Dean of Faculty of Science & Technology Dr. S.G. Sivagurunathan, BA (Mysore), MA (Jaffna), PhD (Mysore) / Acting Dean of Faculty of Management
Registrar	Mrs. Nilmini Diyabedanage, BCom (Colombo), PG Dip. Dev. Gov (Colombo), MPA (Sri Jay.) (on sabbatical leave) Mr. R.V.S.P. Rajapaksha, BBA (Ruhuna) (Acting Registrar)
Librarian	(Post Vacant)
Bursar	Mr. Gamini Liyanage, BSc (Sri Jay.), PG Dip. Mgt. (Rajarata) (Acting Bursar)

The Council – 2010

Mr. Chandra Embuldeniya

Vice Chancellor

Deans

Dr. G. Chandrasena

Dean, Faculty of Animal Science & Export Agriculture

Dr. S.C. Jayamanne

Acting Dean, Faculty of Science & Technology

Dr. S.G. Sivagurunathan

Acting Dean, Faculty of Management

Senate Representatives

Dr. A.M.A.N.B. Attanayake

UGC Appointed Members

Mr. Rohana Dissanayake

Additional District Secretary, Badulla

Mr. G. Senathirajah

Attorney At Law

Mr. Marshal Perere PC

Attorney at Law

Mr. Mahinda Katugaha

Attorney at Law

Mr. S.S. Dimbulana

Attorney at Law (w.e.f 07.07.2010)

Mr. D.A.D.E.S. Wickramanyake

Chairman / Pelwatte Sugar Industries Ltd. (w.e.f 07.07.2010)

Dr. N.S. Rajapaksha Hewageegana

Provincial Director of Health, Uva Province (w.e.f 07.07.2010)

Mr. D. Eassuwaran

Chairman, National Chamber of Commerce

Mr. Isuru Thilakawardene

Director / HR, Hemas Holdings Plc. (up to 23.04.2010)

Mrs. Nilmini Diyabedanage

Registrar / Secretary to the Council (On sabbatical leave)

Mr. R.V.S.P. Rajapaksha

Acting Registrar / Secretary to the Council

The Senate – 2010

Mr. Chandra Embuldeniya

Vice Chancellor

Deans

Dr. G. Chandrasena

Dean, Faculty of Animal Science & Export Agriculture

Dr. S.C. Jayamanne

Acting Dean, Faculty of Science & Technology

Dr. S.G. Sivagurunathan

Acting Dean, Faculty of Management

Heads of the Departments

Dr. S.C. Jayamanne

Department of Animal Science

Mr. R.A.P.I.S. Dharmadasa

Department of Export Agriculture

Dr. A.M.A.N.B. Attanayake

Department of Science & Technology

Department of Computer Science & Technology (Acting)

Ms. P. Imali N. Fernando

Department of Management Science (up to 14.06.2010)

Ms. K.W.S.N. Kumari

Department of Management Science (w.e.f. 07.09.2010)

Faculty Representatives

Mr. Janaka Siyambalapitiya

Faculty of Management

Mr. M. Rubavathanan

Faculty of Management

Dr. K. B. Wijesekara

Faculty of Science & Technology

Mr. D.K.D.D. Jayasena

Faculty of Animal Science & Export Agriculture

Ms. P.E. Kaliyadasa

Faculty of Animal Science & Export Agriculture

Mrs. Nilmini Diyabedanage

Registrar / Secretary to the Senate (On sabbatical Leave)

Mr. R.V.S.P. Rajapaksha

Acting Registrar / Secretary to the Senate

Organisational Structure – Uva Wellassa University – 2010

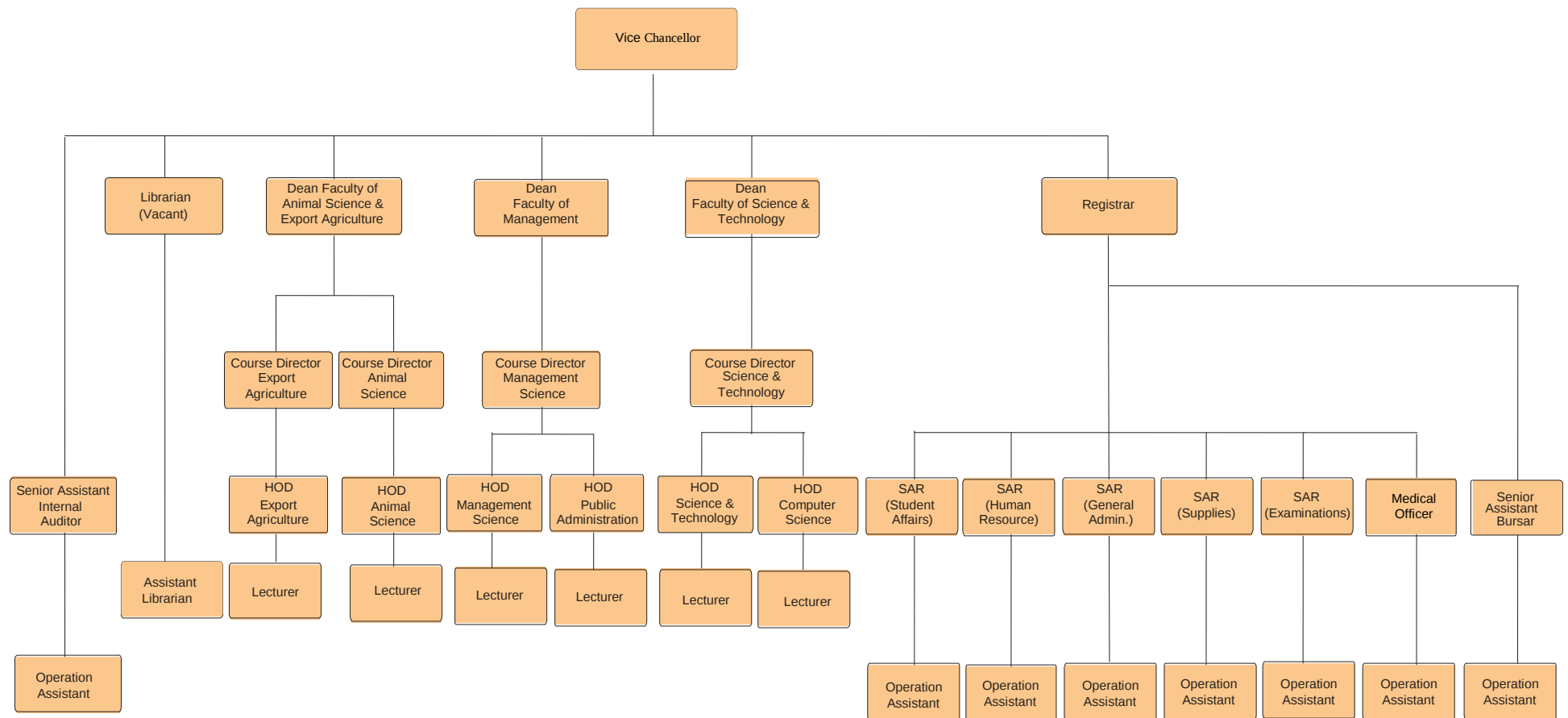


Table of Contents

The Chancellor and the Officers of the University-2010	i
The Council - 2010.....	ii
The Senate - 2010	iii
Organisational Structure - 2010.....	iv
Table of Contents	v
1. Our Vision.....	01
2. Our Mission	01
3. Vice Chancellor's Review	02
4. Details of Resources & Students	03
4.1 Courses of Studies and Staff Members Assigned	03
4.2 Financial Supports to the Students	03
4.3 Hostel Facilities	04
4.4 Library	05
4.5 Infrastructure Development.....	07
4.6 Student Counselors.....	07
4.7 Health Facilities	07
5. Details of Local Students	08
6. Foreign Students	10
7. Academic Staff	11
7.1 Total Human Resources in the Academic Category.....	11
7.2 Faculty of Animal Science & Export Agriculture	12
7.3 Faculty of Management	14
7.4 Faculty of Science and Technology.....	16
8. Non Academic Staff	19
9. Research, Innovation & Publication	22
9.1 Research	22
9.1.1 Faculty of Animal Science & Export Agriculture	22
9.1.2 Faculty of Science and Technology.....	29
9.1.3 Faculty of Management	29
9.2 Innovations.....	30
10. Details of Programmes, Seminars & Workshops	32
10.1 Postgraduate Diploma	32
10.2 Degree Programmes.....	32
10.3 Certificate Programmes.....	33
10.4 Community Service Delivery Programmes	33
10.5 Staff Development, Seminars & Workshops	35
11. Details of Awards Received	36
12. Details of New Courses Started.....	36

13. Details of Recurrent Expenditure.....	37
14. Details of Capital Expenditure	37
15. Details of Projects (Local / Foreign Funded)	38
16. Details of Projects Expenditure (Local / Foreign Funded) .	38
17. Details of Financial Progress (Expenditure)	38
18. Details of Financial Progress (General Income).....	39
19. Financial Performance Analysis - 2010	39
20. Details of Infrastructure Facilities Received in 2010.....	39
21. Report of the Auditor General	40
22. Answers to the Report of the Auditor General	49



1. Our Vision

To become the renowned centre of knowledge & expertise for value addition to the Sri Lankan resource base by the year 2015.

2. Our Mission

Excel in research and learning with strong emphasis on value addition to the national resource base and produce well-rounded leaders in economic activity capable of using scientific, technological and entrepreneurial approaches for development within undergraduate, postgraduate, specialty, corporate as well as continuing education markets.

3. Vice Chancellor's Review

I am pleased to write this message for the 2010 Annual Report of the Uva Wellassa University which has shown a tremendous progress as a techno-premiership university. During the year 2010, the University has continued to be driven by the mission in the pursuit of the vision to be the centre of excellence for value addition to national resource base.



The student number enrolled in 11 degree programmes increased beyond 1500 for the first time in the short history of the university. The academic cadre was also strengthened through new appointments. The first batch of students who entered the university in academic year 2005/2006 completed their degree during this year.

The infrastructure development activities also continued during the year 2010 with ongoing constructions of Lecture Hall/Laboratory, Block E and Workshop Complex of Stage 1 while initiating the work of Stage 2 for the construction of Lecture Hall / Laboratory Complex D.

The major constraint for the infrastructure development as per the Master Plan prepared and adopted by the university is the landslides occurred during the latter part of 2010. Limited fund allocation available had to be utilized for remedial work and necessary adjustments.

All in all, the year 2010 has been a very productive and successful year driving our vision towards reality. I thank everybody who contributed for the success of our achievements in 2010.

Professor Ranjith Premalal De Silva
Vice Chancellor
Uva Wellassa University
01.02.2012

4. Details of Resources & Students

4.1 The Courses of Studies and the Staff Members Assigned

There were 11 courses of studies offered by the Uva Wellassa University in 2010 under the three Faculties as given below:

Faculty	Course of Study	Total Students	Total Academic Staff	Total Non Academic Staff
Animal Science & Export Agriculture	Animal Science	165	31	There are 44 non academic and 12 Administrative staff members who are shared by all three faculties and the General Administration
	Export Agriculture	162		
	Tea Technology & Value Addition	133		
	Aquatic Resources Technology	94		
	Palm & Latex Technology & Value Addition	91		
Science & Technology	Science & Technology	169	42	
	Computer Science & Technology	174		
	Industrial Information Technology	148		
	Mineral Resources & Technology	129		
Management	Entrepreneurship & Management Studies	198	23	
	Hospitality, Tourism, and Events Management	99		
Total		1562	96	56

4.2 Financial Support to the Students

Financial support to the students was provided mainly through the Bursary and Mahapola Scholarships. Number of Mahapola and Bursary awardees of the Academic year 2005/2006, 2006/2007, 2007/2008, 2008/2009 and 2009/2010 according to the disciplines is given below. The students of the academic year 2005/2006 were paid Mahapola / Bursary up to July 2010 as their 4 years degree programme was completed by this date.

Faculty	Bursary					Mahapola					Total
	2005/ 2006	2006/ 2007	2007/ 2008	2008/ 2009	2009/ 2010	2005/ 2006	2006/ 2007	2007/ 2008	2008/ 2009	2009/ 2010	
Science & Technology	11	23	31	42	35	31	35	89	60	68	425
Animal Science & Export Agriculture	13	37	24	30	40	22	10	60	101	82	419
Management	18	39	36	61	05	04	02	02	08	09	184
Total	42	99	91	133	80	57	47	151	169	159	1028

Mahapola Trust Fund contributes by Rs. 2,200 for Merit and Rs. 2,150 for general scholarship monthly and in addition to that the University contributes 350 for each Mahapola awardee. Therefore, a student receives Rs. 2,550 or 2,500 depending on merit or general scholarship respectively. A student receives a Bursary of Rs. 1,900/- or 2,000/- Monthly as per UGC Circular No 856 and the subsequent amendments.

4.3 Hostel Facilities

All 1st & 3rd year students were provided hostel facilities in the year 2010. In addition to the hostel facilities available within the university premises, eight houses were rented outside the University for students accommodations.

The list of the Hostels and the number of hosteliars are as follows.

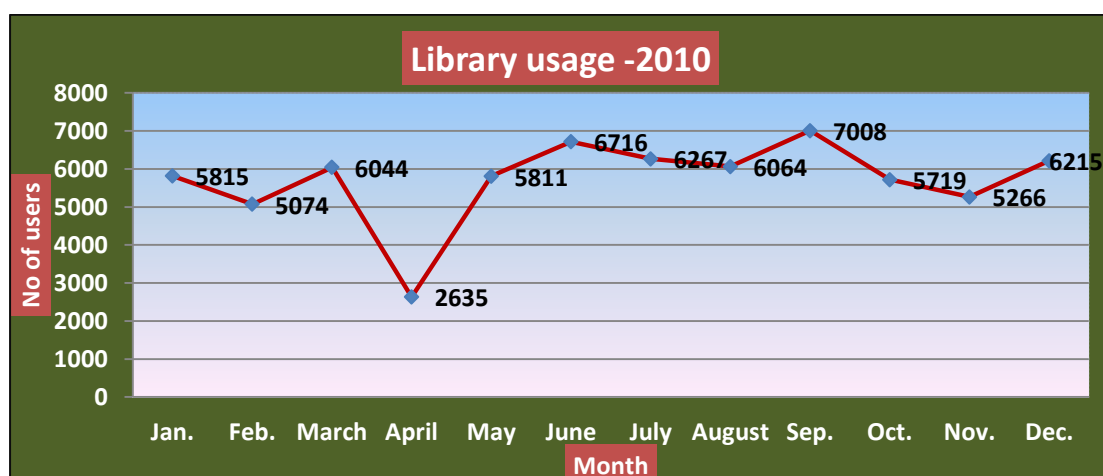
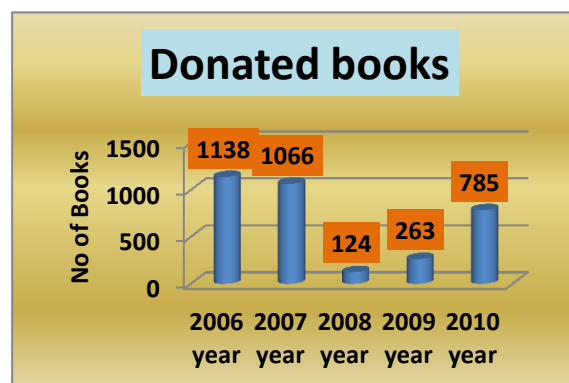
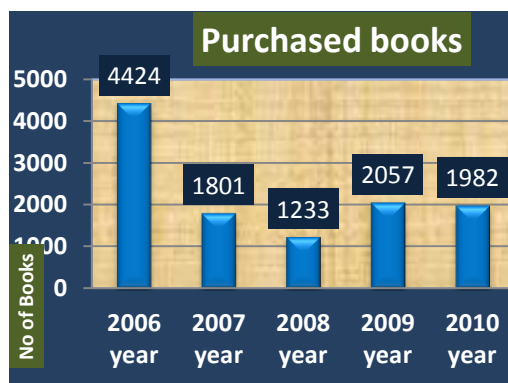
Name	Male	Female	Total
Internal Hostel Facilities:			
Coral Beauty	127		127
Silvertips	70		70
Cattleya		122	122
Blue Sapphire		132	132
External Hostel Facilities:			
Knuckles		09	09
Kelani		19	19
Walawa		09	09
Nilwala		12	12
Hanthana		16	16
Dunhinda		13	13
Diyaluma		14	14
Samanala		12	12
Winter	12		12
Mahaweli	12		12
Bambaragala	25		25
Total	246	358	604

4.4 Library

UWU Library is a collection of sources, resources, and services, and the structure in which it is housed, an academic library is serving the teaching and research needs of students and staff. The library serves two complementary purposes: to support the university's curriculum, and to support the research of the students and staff. The collection at the library has been classified according to Dewey Decimal Classification System.

The growth of the library is very steady and the collections comprised of personal donations, institutional donations and purchased books by the University. At present, the Library is catering to over 1700 readers including both students and Staff of the University. It provides library readers with quality services and access to information, offers inclusive of teaching and learning environment by providing equitable access to the library services for all readers. It possesses a collection covering a vast area of information and helping intellectual to evolve with universal knowledge.

The charts appear below show in detail of purchased books and donated books to the UWU library. 1982 no. of books valued to Rs.2, 040,642 were purchased during the year 2010. Limited budget was the major constraint for the expansion of the facilities at the Library.



Avail On

Library is avail on weekdays 8.00 a.m. to 7.30 p.m., Saturday 8.00 a.m. to 6.00 p.m., Sunday 8.00 a.m. to 4.00 p.m. and on public holidays the Library is closed.

Services

The readers could obtain books from the library after registration at the university and obtaining their library membership. Members are provided with lending and reference services.

Inter Library Loan Scheme is available to the users if required books which are not available at the UWU Library.

UWU Library is strengthened with Newspapers in all the languages (Tamil / Sinhala / English) on weekly and weekend issues.

Sri Lankan collection is one of the unique facilities provided at UWU library which have around 500 books and non books materials on diverse subject of mother land. Uva province and related information services are also separately facilitated at the Uva collection to make readers to aware of Uva information.

Lending Service:

There are two types of books in the lending section. That is **(L)** and other one is **(SR)**. **(L)** Books can be lend for 14 days and **(SR)** books can be lend for overnight, and readers must have their Library tickets with University Identity card when the books are borrowed from the library.

Reference Service:

UWU library is provided with reference materials like Dictionaries, Encyclopedias, Handbooks and the project reports, which cannot be lend from the Library. Readers can lend past examination papers and CD^s from the Circulation Desk of the Library for one hour.

Collection of several articles from the Newspapers on daily basis is available under the reference service. It Includes

- ➡ UWU articles
- ➡ Relevant degree programme articles
- ➡ Biodiversity
- ➡ Other university articles
- ➡ UWU notice

Periodical collections consist of more than 500 journals. UWU library has subscribed the journals like Entrepreneurship and innovation, Entrepreneurship and small business, National geographic, The Economist and Reader's Digest. Free journals received from several institutions are also available in the Library.

4.5 Infrastructure Development

Ongoing construction of Lecture Hall / Laboratory Block 'E' and Workshop complex stage – 1 which were awarded to contractor proceeded during the year 2010.

Construction of Workshop complex stage – 2, Waste Water treatment plant and Lecture Hall / Laboratory complex – 'D' were awarded to the contractor.

Heavy rains, landslides etc. occurred during the later part of the year 2010 severely affected the progress and limited financial allocations received had to be utilised for ongoing works.

4.6 Student Counselors

The following Academic staff members were functioning as student counsellors. Different counselling areas were identified and counsellors were assigned for each area.

Name	Counseling Areas
Ms. L.M.H.R. Alwis	• Food
Dr. A.M.A.N.B. Attanayake	• Academic & Mentoring
Ms. H.M.W.M. Herath	• Entertainment and Social activities
Mr. K.A.G.C. Kahandawa	• Utilities
Mr. M. Rubavathanan	• Sports
Mr. Janaka Siyambalapitiya	• Hostels (Accommodation, Caretakers, Security)
Mr. T.M.P.S.I. Tennakoon	• Religious Activities
Dr. H.W.M.A.C. Wijayasinghe	• Career Development
Dr. R.R.M.K.K. Wijesundara	• Students Organizations and University Culture (Senior Student Counselor)

4.7 Health Facilities

Medical Centre of Uva Wellassa University functioned with a Visiting Medical Officer up to 30.06.2010 and with a Medical Officer appointed on contract basis with effect from 01.07.2010. A Nurse, and an Operations Assistant are also working for the Medical Centre on part-time basis and Surgery opens for between 8.30 and 16.30 on every working day.

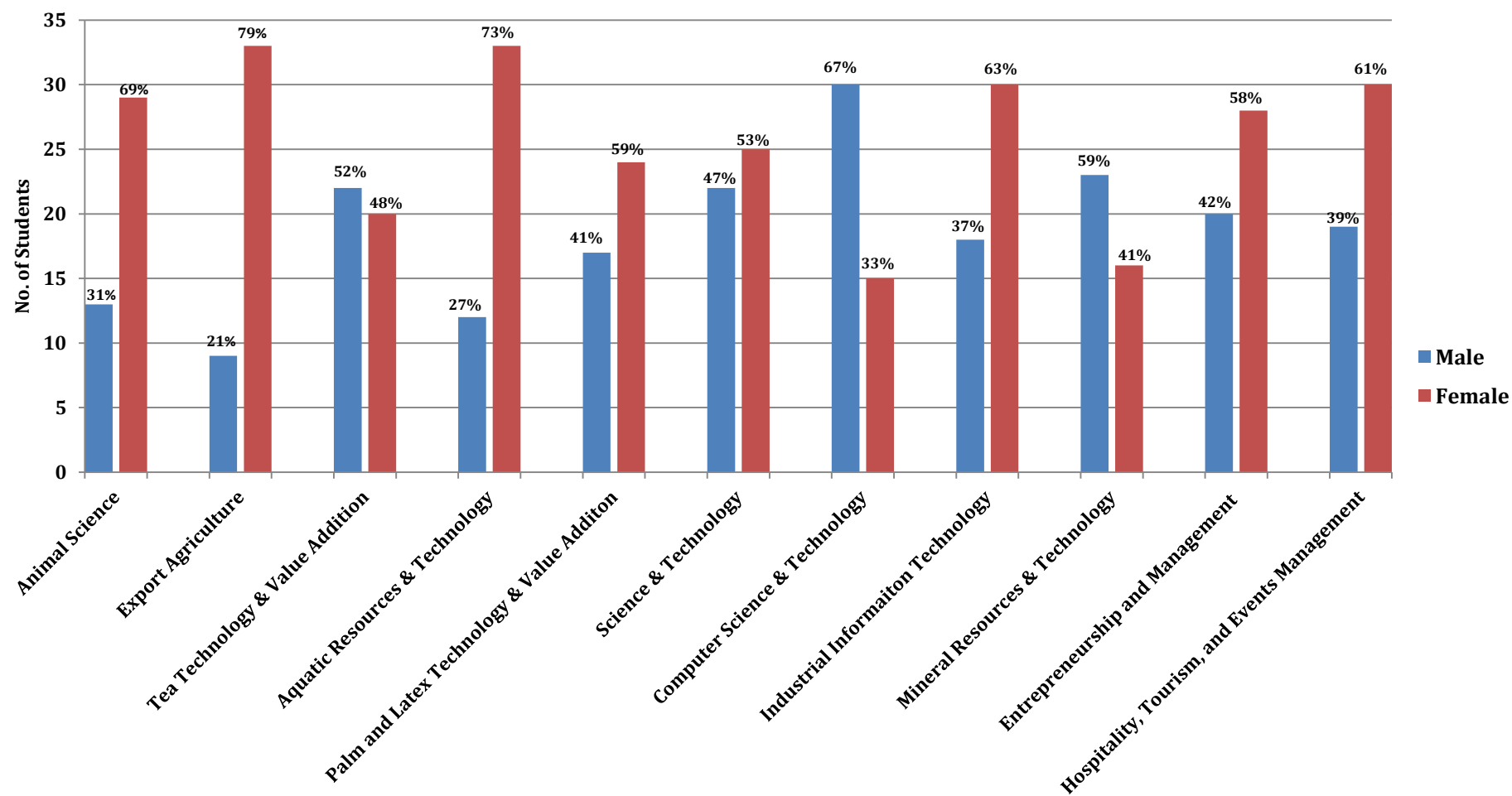
5. Details of Local Students

Students registered for Academic Year 2009/2010

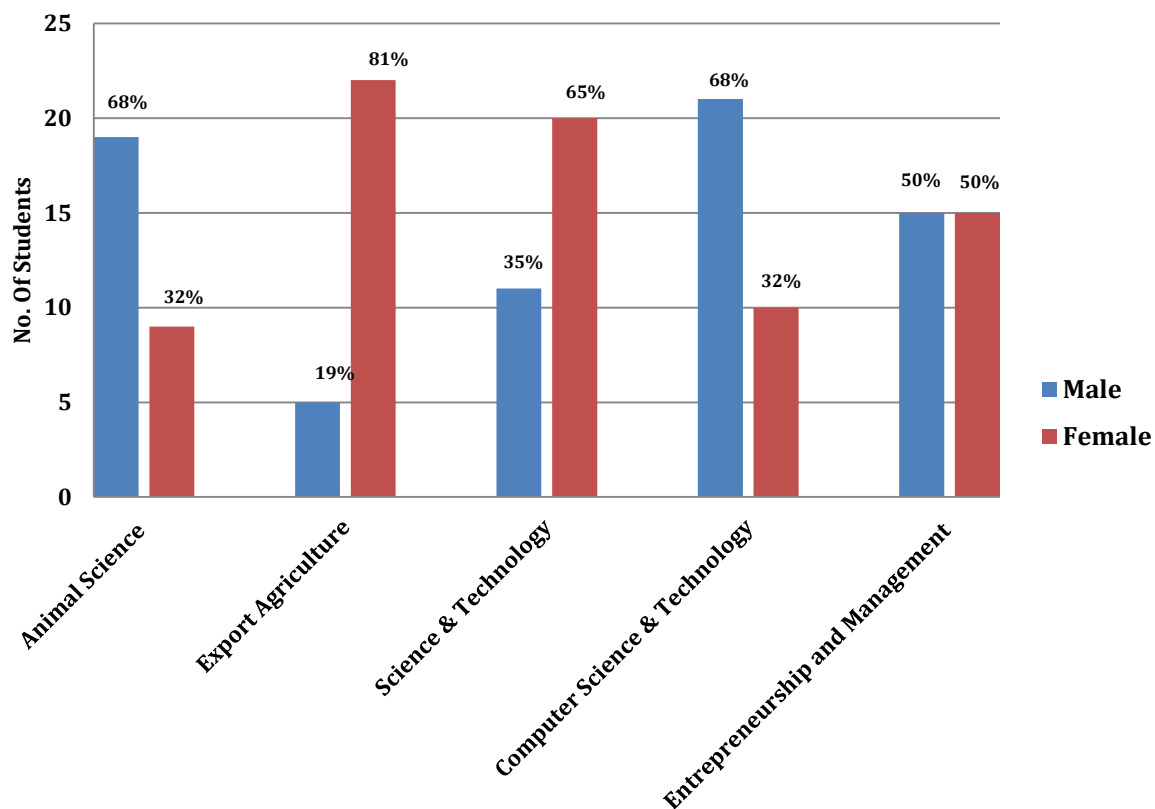
Uva Wellassa University enrolls only 50 students for each degree programme every year. They were selected based on the performance in the G.C.E (A/L) examination and an aptitude test conducted by the Uva Wellassa University. All the students registered for the year 2010 (Academic Year 2009 /2010) were domestic students. The number of students registered for each degree program under each Faculty is given below.

Faculty	Course of Study	Medium	Intake 2010	1 st Year Students	2 nd Year Students	3 rd Year Students	4 th Year Students	Number of Graduated
Animal Science & Export Agriculture	Animal Science	English	42	42	43	46	34	28
	Export Agriculture	English	42	42	43	41	36	27
	Tea Technology & Value Addition	English	42	42	45	46	--	--
	Aquatic Resources Technology	English	45	45	49	--	--	--
	Palm & Latex Technology & Value Addition	English	41	41	50	--	--	--
Science & Technology	Science & Technology	English	47	47	38	42	42	34
	Computer Science & Technology	English	45	45	43	44	42	32
	Industrial Information Technology	English	48	48	49	51	--	--
	Mineral Resources & Technology	English	39	39	39	51	--	--
Management	Entrepreneurship & Management Studies	English	47	47	54	50	47	32
	Hospitality, Tourism, and Events Management	English	49	49	50	--	--	--
Total			487	487	503	371	201	153

Gender Distribution of the New Intake - 2010



Gender Distribution of the Students Graduated in the year 2010



6. Foreign Students

The university has not received any foreign student from the UGC yet.

7. Academic Staff

7.1 Total Human Resource in the Academic Category in 2010

Faculty	Area of Subject	Medium	Senior Professor	Professor	Senior Lecturer	Lecturer	Asst. Lecturer	Demonstrator / Instructor	Lecturers on Study Leave
Animal Science & Export Agriculture	Animal Science	English	-	(1)	1+(5)+5*	8+(22)	(5)	-	-
	Export Agriculture	English	(1)	-	1+(21)	7+(4)	1	8	-
	Tea Technology & Value Addition	English							
	Palm & Latex Technology & Value Addition	English							
	Aquatic Resources Technology	English	-	(1)	4+1*	-	2	-	-
Science & Technology	Science & Technology	English	-	-	3+(7)	14+9*+(3)	-	3+1*	6
	Computer Science & Technology	English	-	-	1+1*	1+7*(2)	3+1*	4	2
	Industrial Information Technology	English	-	-	1+1*	1+2*(2)	3+4*	3	2
	Mineral Resources & Technology	English	-	-	1+(3)	2+6*+(2)	-	1*	-
Management	Entrepreneurship & Management Studies	English	-	-	1+1*	10+(2)+5*	-	-	-
	Hospitality, Tourism, and Events Management	English	-	-	-	1+(1)+4*	-	-	-
	Broad General Education & Essential Skills	English/ Sinhala/ Tamil	-	-	1+1*	6+(2)+8*	-	-	3
Total			(1)	(2)	14+(36)+10*	50+(40)+41	09+(5)+5*	20+2*	13

Lecturers who are attached to the other Faculties and serving the degree programme are indicate with an asterisk mark (*)

Visiting Lecturers are indicated in brackets ()

Note: In addition to the broad 11 degree programme subject areas, there are lecturers who are teaching Broad General Education & Essential Skills that is also mentioned as the 12th broad subject area.

7.2 Faculty of Animal Science & Export Agriculture

The Faculty consists of two departments which are Department of Animal Science and Department of Export Agriculture. Dr. G. Chandrasena served as the Dean of the Faculty. Dr. S. C. Jayamanne served as the Head, Department of Animal Science and Course Director of Animal Science Degree Programme. Mr. R.A.P.I. Sampath Darmadasa served as the Head, Department of Export Agriculture.



Ms. H.A.S.L. Jayasinghe, Ms. W.A.N.T. De Silva, Ms. S.M.P.G. Bandara and Ms R.M.S.D. Rathnayake were appointed as Temporary Demonstrators with effect from 1st November, 2010. Ms. M.D.N. Priyadarshani resigned from her post of temporary lecturer due to personal reasons.

The names, qualifications, and designations of the Academic staff members of the Faculty of Animal Science & Export Agriculture for the year 2010 are given below.

Dr. G. Chandrasena, BSc Agri (S.Lanka), MSc (Kelaniya), MPhil (Peradeniya), PhD (UK). Senior Lecturer, Gr – I. Dean of the Faculty

Dr. S.C. Jayamanne, BSc (Sri Jay.), MPhil (Sri Jay.), PhD (Scotland). Senior Lecturer, Gr – I. Head / Department of Animal Science

Mr. R.A.P.I.S. Dharmadasa, BSc (Ruhuna). Lecturer (Prob.), Head / Department of Export Agriculture

Ms. R.M.C.W.M. Rathnayake, BA (Peradeniya). Lecturer (Prob.) (On study leave)

Ms. E.K.N.D.Fernando, BSc (Peradeniya), MSc (Peradeniya). Lecturer (Prob.)

Mr. D.K.D.D. Jayasena, BSc (Peradeniya), MSc (Peradeniya). Lecturer (Prob.)

Ms. P.E.Kaliyadasa, BSc (Ruhuna), MSc (Peradeniya). Lecturer (Prob.)

Ms. P.B.A.I.K.Bulumulla, BSc (Peradeniya). Lecturer (Prob.)

Ms. SRWMCJK.Ranawana, BSc (Peradeniya), MSc (Peradeniya). Lecturer (Prob.)

Mr. R.R.M.K.K.Wijesundara, BSc (Peradeniya). Lecturer (Prob.)

Ms. D.C. Mudannayake, BSc. (Peradeniya), MSc (Melbourne). Lecturer (Prob.)

Ms. C.P. Abesekara, BSc (Peradeniya), MSc (Peradeniya). Lecturer (Prob.)

Mr. E.D.N.S. Abeyrathne, BSc (Peradeniya), MSc (Peradeniya). Lecturer (Prob.)

Mr. H.M.S.K. Herath, BSc (Sab.), MSc (Belgium). Lecturer (Prob.) (On study leave)

Ms. L.M.H.R. Alwis, BSc (Peradeniya), MSc (Peradeniya). Lecturer (Prob.)

Mr.M.G.P.P. Mahindarathne, BSc (Peradeniya). Lecturer (Prob.)

Ms. P.R.D. Gunathilake, BSc (Wayamba). Lecturer (Prob.)

Ms. A.M. Samaraweera, BSc (Peradeniya). Lecturer (Prob.)

Ms. N.M.N. Nambapana, BSc (Sab.), MSc (Peradeniya). Lecturer (Prob.)

Mr. N.P.P. Liyanage, BSc (Ruhuna). Lecturer (Prob.) (w.e.f. 01.12.2010)

Ms. A.M.N.L. Abesinghe, BSc (Peradeniya). Temp. Lecturer (w.e.f. 01.12.2010)

Ms. R.M.G.N. Rajapaksha, BSc (Rajarata). Temp. Lecturer (w.e.f. 01.12.2010)

Ms. N.S. Withanage, BSc (Ruhuna). Temp. Demonstrator

Ms. A.A.M. Subodinee, BSc (Ruhuna). Temp. Demonstrator

Ms. G.G.N. Thushari, BSc (Ruhuna). Temp. Demonstrator (w.e.f. 01.12.2010)

Ms. D.S.K. Nagahathenna, BSc (Peradeniya), MPhil (Peradeniya). Temp. Demonstrator

Ms. H.M.P.T.K. Hettigedara, BSc (Peradeniya). Temp. Demonstrator

Ms. H.A.S.L. Jayasinghe, BSc (UWU). Temp. Demonstrator (w.e.f. 01.11.2010)

Ms. W.A.N.T. De Silva, BSc (UWU). Temp. Demonstrator (w.e.f. 01.11.2010)



Ms. R.M.S.D. Rathnayake, BSc (UWU)*. Temp. Demonstrator (w.e.f. 01.11.2010)

Ms. S.M.P.B. Banadara, BSc (UWU). Temp. Demonstrator (w.e.f. 01.11.2010)

* UWU - Uva Wellassa University

7.3 Faculty of Management

Dr. S.G. Sivagurunathan had been serving as the Acting Dean of the Faculty of Management. Ms. Sandya Nilmini was appointed as the Head of Department of Management Sciences since Ms. P.I.N. Fernando, the former Head of the Department of Management Science left for her higher studies. Dr. T. Athauda continued to be the Acting Course Director for the Entrepreneurship and Management Degree programme. Further, Dr. S.G. Sivagurunathan also continued in the post of Course Director of Hospitality, Tourism and Events Management.

The names, qualifications, and designations of the Academic staff members of the Faculty of Management for the year 2010 are given below.

Dr. S.G. Sivagurunathan, BA (Mysore), MA (Jaffna), PhD (Mysore). Senior Lect. Gr-I. Acting Dean of the Faculty

Ms. P.I.N. Fernando, BCom (Sri Jay.), MSc (Peradeniya). Lecturer (Prob.). Head / Department of Management Science. (On study leave w.e.f 01.09.2010)

Mr. P.H.T. Kumara, BA (Peradeniya), PG Dip. in Eco. (Hague). Lecturer (Prob.). (On study leave)

Ms. H.M.W.M. Herath, BA (Kelaniya), MPhil (Kelaniya). Lecturer (Prob.)

Ms. T.A.C.J.S. Bandara, BA (Colombo), PG Dip. Archaeology (Peradeniya). Lecturer (Prob.)

Mr. T.M.P.S.I. Tennakoon, BA (Peradeniya). Lecturer (Prob.)

Mr. M. Rubavathanan, BA (Peradeniya). Lecturer (Prob.)

Mr. G.H. Abeyweera, BA (Sab.) PG Dip. Tell (Sri Jay.). Lecturer (Prob.) (On study leave)

Ms. H.R.N. Peiris, BA (Kelaniya), MA (B&P SLanka), MPhil (Kelaniya). Lecturer (Prob.)

Ms. A.U.H. Gunawardhane, BSc Agri. (Peradeniya), MSc (Peradeniya). Lecturer (Prob.) (On study leave)

Ms. A.A.K.K. Jayawardane, B.Com (Peradeniya). Lecturer (Prob.)

Mr. Janaka Siyambalapitiya, B.Com (India) PG Dip. Business Administration (England). Lecturer (Prob.)

Ms. K.M.R. Siriwardena, BA (Sab.). Lecturer (Prob.)

Mr. J.P.R.C. Ranasingha, BSc (Rajarata), PG Dip. (Rajarata). Lecturer (Prob.)

Ms. W.M.P.G.C. Weerakoon, BCom (Peradeniya). Lecturer (Prob.) (w.e.f. 04.05.2010)

Ms. J. Sutha, BBA (Eastern (S.Lanka), PG Dip. (Eastern (S.Lanka), MBA (Eastern (S.Lanka). Lecturer (Prob.) (w.e.f. 01.10.2010)

Mr. D.N.N. Rohan, BBA (Colombo). Lecturer (Prob.)

Mr. K.M.M.C.B. Kulathunga, BSc (Sab.). Lecturer (Prob.)

Mr. R.D.N. Palliyage, BA (Peradeniya). Lecturer (Prob.)

Ms. Y.M.C. Gunaratne, BSc (Wayamba). Lecturer (Prob.)

Ven. P. Wachissara Thero, BA (India), MSc (India). Temp. Lecturer (w.e.f. 01.10.2010)

Ms. J.M.P.V.K. Jayasundara, BA (Sab.). Temp. Demonstarator

Ms. K.A.D.U. Wijenayake, BA (Kelaniya). Temp. Demonstarator

Ms. D.I.P. De Silva, BSc (UWU). Temp. Demonstarator (w.e.f. 12.06.2010)

7.4 Faculty of Science and Technology

The Faculty of Science and Technology consists of two Departments namely Department of Science & Technology and Department of Computer Science & Technology. Dr. A.M.A.N.B. Attanayake served as the Head for the Department of Science & Technology and as an Acting Head for the Department of Computer Science & Technology.

The names, qualifications, and designations of the Academic staff members of the Faculty of Science & Technology for the year 2010 are given below.

Dr. S.C. Jayamanne, BSc (Sri Jay.), MPhil (Sri Jay.), PhD (Scotland). Senior Lecturer, Gr – I. Acting Dean

Dr. A.R. Kumarasingha, BSc (Ruhuna), MPhil (Ruhuna), PhD (U.K.). Senior Lect. Gr- I, (Released to Ministry of Science & Technology to serve in the National Nano Technology Initiative)

Dr. K.B. Wijesekara, BSc (Peradeniya), MPhil (Peradeniya), PhD (Germany). Senior Lect. Gr- II

Dr. A.M.A.N.B. Attanayake, BSc (Peradeniya), MSc (Netherland), PhD (Germany). Senior Lect. Gr- II, Head / Department of Science & Technology, and Acting Head / Department of Computer Science & Technology.

Dr. P.M.Sirimanne, BSc (Ruhuna), MPhil. (Sri Jay.), PhD (Tokyo). Senior Lecturer, Gr – I.

Dr. H.W.M.A.C. Wijayasinghe, BSc (Peradeniya), LIC (Engin.), PhD (Sweden). Senior Lect. Gr- II

Mr. E.P.S.K. Ediriweera, B.Sc (Sri Jay.), MPhil (Sri Jay.), PG Dip. (Kew). Lecturer (Prob.). (On study leave)

Mr. M.A.P.N. Perera, BSc (Peradeniya). Lecturer (Prob.) (On study leave)

Mr. H.M.D.B. Gunasekara, BSc (Peradeniya), MSc (New Mexico State University) Lecturer (Prob.) (On study leave)

Ms. D.D.C. De Silva, BSc (Peradeniya). Lecturer (Prob.) (On study leave)

Mr. W.K.I.L. Wanniarachchi, BSc (Sri Jay.). Lecturer (Prob.) (On study leave)

Ms. K.W.S.N. Kumari, BSc (Sri Jay.), MSc (Peradeniya). Lecturer (Prob.)

Mr. M.K.A.J. Maldeniya, BSc (Sri Jay.). Lecturer (Prob.) (On study leave)

Ms. A.R. Nihmiya, BSc Engin (Peradeniya). Lecturer (Prob.)

Mr. H.A.P.K. Hettiarachchi, BSc (Colombo). Lecturer (Prob.) (On study leave)

Ms. M.M.S.N. Premetilake, BSc (Sri Jay.). Lecturer (Prob.)

Mr. K.A.G.C. Kahandawa, BSc Engin (Peradeniya), MSc (Moratuwa). Lecturer (Prob.) (On study leave)

Ms. T.H.N.G. Amaraweera, BSc (Peradeniya), MPhil (Peradeniya). Lecturer (Prob.)

Mr. A.P. Heenagamage, BSc (Colombo). Lecturer (Prob.)

Ms. I.D. Sinhalage, BSc (Kelaniya). Lecturer (Prob.)

Mr. D.T. Udagedara, BSc (Peradeniya), MSc (U.K.). Lecturer (Prob.)

Mr. J.M.L.C. Piyathilake, BSc Engin (Moratuwa). Lecturer (Prob.)

Ms. A.A.K. Karunathilake, BSc (Peradeniya). Lecturer (Prob.)

Ms.G.M.A.U.K. Gannoruwa, BSc (Peradeniya). Lecturer (Prob.)

Mr. H.G.K. Dinesharathna, BSc (Peradeniya), PG Dip. Statistics (Peradeniya). Lecturer (Prob.)

Mr. B.A.K. Dissanayake, BSc (Russia). Lecturer (Prob.)

Ms. P.B. Ratnaweera, BSc (Colombo). Lecturer (Prob.)

Mr. K.W.M.M.P. Wasala, BSc (Sri Jay.). Lecturer (Prob.) (w.e.f. 01.12.2010)

Mr. R.M.C.T.B. Ekanayake, BSc Engin (Peradeniya), PG Dip. (Peradeniya), MSc (Singapore). Lecturer (Prob.)

Mr. N.T.S.G. Gamachchige, BSc (Sri Jay.). Lecturer (Prob.)

Ms. J.I. Ranasinghe, B.Sc (Kelaniya), MSc (Japan). Lecturer (Prob.) (w.e.f. 01.12.2010)

Ms. D.H.N. Perera, BSc (Moratuwa), MSc (Moratuwa). Lecturer (Prob.)

Mr. A.J.M.K. Wijerathne, BSc (Colombo), MSc (Colombo), PG Dip. (Colombo). Temp. Lecturer

Ms. K.S.D. Kumarapathirana, BSc (Peradeniya). Temp. Lecturer

Dr. J.M.G.S.B. Jayasinghe, BSc (Peradeniya), MSc (USA). Temp. Lecturer

Mr. M.Z.M. Zaheer, BSc (Peradeniya). Temp. Demonstrator

Ms. M.M.G. Madhusinghe, BSc (Sri Jay.). Temp. Demonstrator

Mr. H.A.C.S. Hapuarachchi, BSc (Sri Jay.). Temp. Demonstrator

Ms. L.D.C.S. Subashini, BSc (Colombo). Temp. Demonstrator (w.e.f. 05.02.2010)

Ms. H.R.H.I. Sirikumara, BSc (Sri Jay.). Temp. Demonstrator (w.e.f. 07.12.2010)

Mr. W.M.N.S. Wimalarathne, BSc (Moratuwa). Temp. Demonstrator (w.e.f. 05.02.2010)

Ms. D.W.C.P. Kumari, BSc (Colombo). Temp. Demonstrator

Ms. G.M.W.M. Ariyarathna, BSc (SLIIT). Temp. Demonstrator

Mr. U.P.P.R. Piyasinghe, BSc (Peradeniya). Temp. Demonstrator (w.e.f. 01.10.2010)

Ms. S.D.H.S. Wickramarathne, BSc (Peradeniya). Temp. Demonstrator (w.e.f. 15.11.2010)

8. Non Academic Staff

Faculty / Branch	Most Senior	Senior Staff	Junior Staff	Minor Employees
Vice Chancellor's Office			01	The University did not appoint any minor employees. Most of the Junior staff were Operations Assistants and had to attend multitude aspects of each work.
Registrar's Office	01		01	
Faculty of Animal Science & Export Agriculture			02	
Faculty of Science & Technology			03	
Faculty of Management			02	
Student Affairs Division		01	04	
Human Resource Division		01	02	
General Administration Division		01	03	
Examination Division		01	04	
Procurement Division		01	02	
Financial Division		04	07	
Medical Centre		01	01	
Projects		01	02	
Total	01	11	34	

The above broad category of Non Academic staff includes non academic & non administrative staff and Administrative Staff. The details of these two sub categories are given below.

Non Academic & Non Administrative Staff

All services of clerical and allied grades other than the services of Technical Officers were obtained through the trainees who were later appointed on assignment basis as Operations Assistants. The Operations Assistants fulfil a multitude of functions including computer related work, clerical work, operational work and secretarial work. Our university administration is driven by aiming operational success and the Operations Assistants have demonstrated their skills and proved the success of our strategy.

With an attempt to fill the permanent cadre positions, eight Operations Assistants with longer service at Uva Wellassa University were appointed as Computer Applications Assistants on casual basis. Out of the eight such appointed Computer Application Assistants, six were in continuous service during the year 2010. Further one Operations Assistant was permanently appointed as Shroff, and another as a Technical Officer. The post of Storekeeper also was filled permanently. All appointees are from Uva Province and reside in close proximity to the university. The category and number of all non-academic & non administrative support staff members are given below.

Category	Number of Staff
Technical Officer	02
Computer Applications Assistant	06
Operations Assistants (Assignment basis)	34
Store Keeper	01
Shroff	01

Further, the services of two Sub Wardens and a Sports Officer were outsourced from outside Service Providers.

Administrative Staff

Positions of Bursar, Chief Security Officer and Director of Physical Education were vacant. The number of administrative staff members served in each category for the year 2010 is as follows.

Category	No. of Staff
Registrar	01
Senior Assistant Registrar	05
Senior Assistant Bursar	04
Senior Assistant Internal Auditor	01
University Medical Officer	01 (on contract basis)

All administrative staff members are oriented to deliver operational success. As such the Registrar functions as the Chief Operations Officer, Senior Assistant Registrars as Operational Managers, and Bursar as the Chief Finance Officer. This strategy brings operational success for delivering organizational goals.

Names, qualifications and designation of the administrative Staff of the University for the year 2010 are given below.

Registrar (Chief Operating Officer)	Ms. Nilmini Diyabedanage, BCom (Colombo), PG Dip. Dev. Gov (Colombo), MPA (Sri Jay.) (On sabbatical Leave)
Senior Assistant Registrar	Mr. R.V.S.P. Rajapaksha, BBA (Ruhuna) Ms. S. Anusha, BSc (Jaffna), Dip in HRM (IPM) Mr. A.J.M.D.N.B. Nawala, BSc (Colombo), Dip in Business Management (NIBM) Mr. I.L.Thasleen, BBA (SE S.Lanka) Ms. S. Kumaru, BA (Jaffna), PG Dip. (Jaffna)
Senior Asst. Bursar	Mr. Gamini Liyanage, BSc (Sri Jay.), PG Dip.

Mgt. (Rajarata) / (Actg. Bursar & Chief Financial Officer)

Mr. G.S.K.Rathnayake, BSc (Sri Jay.), PG Dip. Mgt.
(Rajarata)

Ms. S.M. Withana Arachchi, BBM (Kelaniya)

Mr. A.I. Samarahewa, BSc (Rajarata), PG Dip.
(Peradeniya)

Snr. Asst. Internal Auditor	Mr. O.K.S.P. Owitigala BCom (Sri Jay.), PG Dip. (Wayamba)
-----------------------------	--

Medical Officer	Dr. H.M.M. Jinasena, MBBS (Colombo)
-----------------	-------------------------------------

Project Manager	Mr. S.V.A. Piyadasa, Engineer, SLES Gr.II
-----------------	---

Chief Security Officer	Vacant
------------------------	--------

9. Research, Innovation & Publications

University's Research, Innovations & Publication during the year 2010

Subject	Published	Commercialized	Presented
No. of Research Studies	69	-	69
No. of Innovations	10	-	10
No. of Journals	-	-	-
No. of Books	-	-	-
No. of Articles	-	-	-
Total	79	-	79

9.1 Research

9.1.1 Faculty of Animal Science & Export Agriculture

The following research publications were made during the year 2010 under the Faculty of Animal Science & Export Agriculture.

1. Swarnapali. J. A. R., Jayawardana. H.S. and **Chandrasena. G.** (2010). Development of Rice Base Herbal Biscuit Using Kowakka (*Coccinia grandis*), *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka
2. Delpachitra. M. T. K., Roshika. A. D. D. and **Chandrasena. G.** (2010). Effect of Lime Concentration and Soaking Period for the Quality of Bleached Ginger (*Zingiber officinale*). *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka
3. Amalee. G. D. N. and **Chandrasena. G.** (2010). Isolation of Yeast and Screening for Amylolytic Activities for the Saccharification of Locally Available Starchy Produce for the Production of Bioethanol. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka
4. Gamage. T. J. H. , Nawarathne. S. B. and **Chandrasena. G.** (2010). Improvement of Bread Crumb Structure Using Cinnamon (*Cinnamomum verum*) Leaves Extract Along With Functional Properties. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka
5. Jayasinghe H.A.S.L., **Kaliyadasa P.E.** and Shirani D.A. (2010). Study on induced mutation and development of media protocol for plant regeneration from mutated calli of lily (*Lilium longifolium* L.). *Proceedings*, National Symposium on Floriculture Research, Department of National Botanic Gardens, Sri Lanka.
6. De Silva W.A.N.T., **Kaliyadasa P.E.** and Shirani D.A. (2010). Study on *invitro* growth, rooting and acclimatization of Baby's Breath (*Gypsophila paniculata* L.). *Proceedings*, National Symposium on Floriculture Research, Department of National Botanic Gardens, Sri Lanka.

7. Weerasinghe S.K.M.M., **Kaliyadasa P.E.**, Herath H.M.I. and Withanage N.S. (2010). Effect of explant source and hormone combinations on *invitro* propagation of different genotypes of Gerbera (*Gerbera jamesonii*) *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka
8. Silva W.H.N. and **Kaliyadasa P.E.** (2010). Preliminary study on growth, correct harvesting stage and chemical comparison of Amukkara (*Withania somnifera*) for commercial cultivation. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka
9. Sarathchandra P.W.S.H. and **Kaliyadasa P.E.** (2010). Development of an instant herbal tea from Walkoththamalli (*Scorparia dulcis*) for reduction of blood glucose level. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka
10. Rasnayaka.R.M.D.D.M., Sarananda. K.H and **Ranawana. S.R.W.M.C.J.K.** (2010). Ascorbic Acid and Antioxidant Level of Ceylon Olive (*Elaeocarpus serratus*) as Affected by Variety, Stage of Maturity at Harvest and Different Methods of Preservation. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka
11. Bandara. S.M.I.P.G., Wellala. C.K.D and **Ranawana. S.R.W.M.C.J.K.** (2010). Evaluation of Different Postharvest Treatments on the shelf life of Guava (*Psidium guajava* L.), *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka
12. Uthpala. J.P.T., Malathy. P., **Ranawana. S.R.W.M.C.J.K.** and Nilanthi. W.D.G.P. (2010). Comparison Study on Growth and Yield Parameters among Seedlings and Stem Cuttings of *Thai kangkong* (*Ipomoea aquatica*), *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka
13. R.M.S.D. Rathnayaka, **R.P.D. Gunathilaka** and K.H.S.K. Kithsiri (2010). Compliance to International Food Safety Regulations: In Tea Small Holding Sector with Special Reference to Kandy District, Sri Lanka. *Proceedings of the Research Symposium*, Uva Wellassa University, Sri Lanka.
14. D.I.P De Silva and **R.P.D. Gunathilaka** (2010). A Rationale, in Certitude of Good manufacturing Practices (GMP) for Ceylon Cinnamon, Trading in the Export Market. *Proceedings of the Research Symposium*, Uva Wellassa University, Sri Lanka
15. K.M.P.Jeewanthi, J.R.K. Asanka and **R.P.D. Gunathilaka** (2010). Oil Recovery from Desiccated Coconut (DC) Process Water to Produce value Added Coconut Oil. *Proceedings of the Research Symposium*, Uva Wellassa University, Sri Lanka
16. Nawarathna. N. H. N. T., Nawarathne. S. B. and **Abesekara C. P.** (2010). Incorporation of *Durian* (*Durio zibethinus*) Seed Gum to Fruit Nectar as a Substitute for Xanthan Gum. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka
17. Fernando. P. A. T., Thilakarathne. B. M. S. K., **Mahindarathna. M. G. P. P. and Subodinee. A. A. M.** (2010). Development of a Fiber Rich Rice Based Biscuit. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka

18. Buddhika. S. M. T., Kiriwaththuduwa. K. D. S. and **Mahindarathna. M. G. P. P.** (2010). An Empirical Study to Analyze Deviation in Farmer Practices from Label Information of Rice Herbicides in Kurunegala District, Sri Lanka. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka



19. Ambanwela. D. B. H., Jayewardene. S. N. and **Alwis. L. M. H. R.** (2010). Determination of the Relationship between the Variety and the Main Stem Leaf Number at Panicle Initiation in Widely Cultivated Rice Varieties in Sri Lanka. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka

20. Weerasinghe. W. M. H. P., Obeysekara. K. G. B. and **Dharmadasa. R. A. P. I. S.** (2010). Analysis of the Factors Affecting the Replanting Decision by Tea Small Holders in Yatinuwara Divisional Secretariat Division. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka

21. Chamara. P. G. T., Jayasundara. M. J., **Alwis. L. M. H. R.** and **Nagahathenna. D. S. K.** (2010). Developing a Method to Determine 2,4-D And MCPA in Tea with Derivatization by Gas Chromatography – Electron Capture Detector (GC- ECD). *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka

22. Wijekoon. W. M. S. U. K., Ekanayake. S. and **Abesekara. C. P.** (2010). Value Addition to Bitter Gourd (*Momordica Charantia*) by Preparing a Low Bitterness Spread. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka

23. Prasanna. R. V., Shyamali. H. W. and **Dharmadasa. R. A. P. I. S.** (2010). The Economic Impact of Fertilizer Subsidy for the Small Scale Tea Growers in Southern Province, Sri Lanka. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka

24. Kumarasinghe. K. A. T., Karunananda. D. P. and **Alwis. L. M. H. R.** (2010). Effect of Exogenous Growth Regulators on Seed Production of Tomato (*Solanum lycopersicon*) Variety Thilina. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka

25. Rathnayaka. R. P. S. H., Sarananda. K. H. and **Abesekara. C. P.** (2010). Effect of Potassium (KCl) Application on Postharvest Disease Condition and Fruit Quality of Ripe Papaya (*Carica papaya* L.). *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka

26. Premadasa. K. P. T., Obeysekara. K. G. B. and **Dharmadasa. R. A. P. I. S.** (2010). Study on Impact of Price Incentive & Identifying Factors Affecting Green Leaf Quality in Relation to Reasonable Price Formula for Tea Small Holder Sector Based on Kalutara District. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka

27. Subasinghe. S. G. N. K., **Mahindarathne. M. G. P. P.** and Disna. A. P. P. (2010). Empirical Study to Compare The Costs And Benefits of Both Conventional (Non

Organic) And Organic Pepper Production Systems in Matale District. *Proceedings*, Research Symposium of Uva Wellassa University, Sri Lanka

28. **Abeyrathne, E.D.N.S., Mudannayake, D.C.** and Cyril, H.W. Development of a crispy by incorporation of chicken gizzard and liver with rice flour. *proceedings of the Research Symposium - 2010 on value additional to the national resource*, Uva Wellassa University of Sri Lanka.

29. **Bulumulla, P.B.A.I.K.,** Silva, P., Jianlin, H. GENETIC deversity at Toll like receptor 7 (TLR7) gene of Sri Lanka indigenous chicken and Ceylon Jungle fowl (*Gallus Lafayetti*) Abstract *proceedings of the Annual Congress of Post Graduate Institute of Agriculture*, University of Peradeniya.

30. Karunarathna, D.C., **Abeysinghe, A.M.N.L., Mudannayake,D.C.,** Silva, K.F.S.T. Determination of optimum citric acid concentration and pressing weight for marinated ready to cook paneer with maximum organoleptic properties. *Proceedings of the Research Symposium - 2010 on value addition to the national resource*, Uva Wellassa University of Sri Lanka.

31. Indika, Y.G.C., **Mudannayake, D.C., Abeysinghe, A.M.N.L.,** Vidanarachchi, J.K., Arsecularatne, D.A.M. Development of molded sherbet bar on a stick with frozen yoghurt core and lime (*Citrus aurantifolia*) shell. *Proceedings of the Research Symposium - 2010 on value addition to the national resource*, Uva Wellassa University of Sri Lanka.

32. Illankoon, I.M.V.E., **Mudannayake, D.C., Abeysinghe, A.M.N.L.,** Jayarathne,k., Silva,K.F.S.T. Development of buttermilk pudding incorporating skim milk powder, condensed Coconut (*Cocos nucifera*) milk and Kitul (*Caryota urens*) treacle. *Proceedings of the Research Symposium - 2010 on value addition to the national resource*, Uva Wellassa University of Sri Lanka.

33. Basnayake, B.M.U., **Mudannayake, D.C., Abeysinghe, A.M.N.L.,** Samarasekara, C.P.,Silva, K.F.S.T. The effect of overrun and storage temperature on melting resistance of ice cream. *Proceedings of the Research Symposium - 2010 on value addition to the national resource*, Uva Wellassa University of Sri Lanka.

34. Ranasinghe,M.K., **Mudannayake, D.C., Abeysinghe, Abeysinghe, A.M.N.L.,**Rupasinghe, L., Vidanarachchi, J.K., Development of value added stirred yoghurt rippled with cooking chocolate syrup. *Proceedings of the Research Symposium - 2010 on value addition to the national resource*, Uva Wellassa University of Sri Lanka.

35. S.M.A.B.Samarasinghe,D.C., **Mudannayake, A.M.N.L, Abeysinghe, K.F.S.T.,** Silva, K.E. Udayathilake. Development of a hazard analysis and critical control point (HACCP) plan for the yoghurt production line at Milco company (Pvt) Ltd, Digana.

Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

36. Sanjeewa, T.G.A.S., **Mudannayake, D.C., Abeysinghe, A.M.N.L.**, Danasekara, J.N., Vidanarachchi, J.K. Development of ready to serve layered jelly custard packed in polystyrene cup. Proceedings of the Research Symposium-2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

37. Thilakarathne, G.D.M., **Abeyrathne, E.D.N.S., Jayamanne, S.C.** and Jayasena, S.H. Development of fish cake by incorporating sword fish (*Xiphias gladius*) and tuna (*Thunnus albacores*) with suitable local available filler, rice (*Oryza sativa*), kurakkan powder (*Eleusine coracana*) and soya flour (*Glycine max*). Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

38. Bandara, U.S.R.T.A., **Abeyrathne, E.D.N.S.**, Cyril, H.W. Development of a burger using chicken meat, liver and gizzard with locally available cereal as a filler. Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

39. Piyasena K.M.P.A., **Abeyrathne, E.D.N.S.**, Jayasena, D.K.D.D., Boraluwa, C and Cyril, H.W. Development of HACCP plan for formed meat production line at Gills Food Product (Pvt.) Ltd. Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

40. Kanojan k., Perera, M.D.C.A., **Abeyrathne, E.D.N.S., Jayamanne, S.C.** Development of HACCP plan for steam boiled meat of Asian blue swimming crabs (*Portunus pelagicus*). Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

41. Dissanayake H.D.S.J., **Jayasena, D.K.D.D.**, Samayamanthre, S.D.B. and Cyril, H.W. Development of a low fat chicken meat ball with a suitable fat replacer. Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

42. Pathmanathan P., **Jayasena, D.K.D.D., Nambapana, N.M.N.**, and Weerasooriya, G. Effect of slaughtering age and sex of strain Cobbs and Hybro on cut up weights. Proceedings of the Research Symposium-2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

43. Ossen, S.O.M.R., **Jayamanne, S.C.** and Mudalige, A.R. Development of breeding technology for endemic fishes (*Belontica singnata*). Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

44. Priyadarshana W.M.S.A., **Jayamanne, S.C.** and Wickramasinghe , W. Development of leather using skin of Tilapia and tanning fish skins using vegetable and aluminium tannins to produce chromium free leather. Proceedings of the Research Symposium -2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.
45. Wanigasekara W.M.K.G.S.B., Ariyaratne, M.H.S., Kithsiri, H.M.P and **Jayamanne, S.C.** Development of a low cost fish feed for rearing ornamental fish Guppy (*Poecilia reticulata*). Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.
46. Nathiya M.Y.F., Wijegoonawardane, P.K.M., **Bulumulla, P.B.A.I.K. and Jayamanne,S.C.** Investigation of regions free of white spot syndrome virus contamination in wild (*Penaeus monodon*) brooders to be used as brood stock resource for shrimp hatcheries. Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.
47. Niruba,S., **Ariyaratne, E.D.N.S., Jayamanne, S.C.**, Jayasena, S.H. Improve the export quality of Sword fish steak by incorporating low valued fish (*Lates calcarifer, Catal catla, Lutjanus campechanus*) and root crops (*Solanum trbersum, Ipomoea batatas, Solenostemon rotundifolius*) in order to reduce the initial mercury of Sword fish. Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.
48. Wimalakeerthi, K.K.M.M., Ginigaddarage P.H., Ariyawansa K.W.S., Ganegama Arachchi, G.J. and **Jayamanne, S.C.** Investigation of the effect of addition of sugar in to ice on TVB-N content, microbial growth, PH and histamine formation during the ice storage of Skipjack tuna in boats . Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.
49. Ekanayake, I.K.D.C.B., **Nambapana, N.M.N., Jayasena, D.K.D.D.**, Satharasinghe, D.A., and Samarasinghe, K. effect of the flock age and eggs storage time on the hatchability and apparent fertility of broiler grandparent stock eggs. Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.
50. Weththasinghe, M.P., **Abeyrathne, E.D.N.S.**, Karunarathne, B. Investigation of mercury level in tuna fish (*Thunnus albacarus*) in relation to it habitat & size variation. Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.
51. Amarasekara A.M.R.S., **Nambapana, N.M.N., Jayasena, D.K.D.D.** and Ganegoda, G.A.P. Observations on environmental factors and live performance of broilers in environment control broiler houses during hot weather. Proceedings of the Research

Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

52. Fernando T.S.R., RajapaksheR, P,V.J. **Bulumulla P.B.A.I.K., Wijesundara K.** Prevalence of gastrointestinal parasites in cattle in Badulla District (With special reference to *Cryptosporidium spp.*) Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

53. Kumararagama K.M.K.R., Rajapakshe R.P.V.J., **Samaraweera, A.M. and Wijesundara K.** A study on gastrointestinal parasitism of nematode and Eimeria spp. On cattle and goat units in Mahaberiyathanna farm. Proceedings of the Research Symposium-2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

54. Mathiyalagan.T., **Bulumulla P.B.A.I.K.**, and Gamage, D.V.S.D,S. Study on growth and performance of three indigenous village chicken types (small, medium & heavy) at the Central Poultry Research Station, Karandagolla, Kundasala. Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

55. Rifky, A.L.M., **Samaraweera, A.M.**, Jayasinghe J.V.L.C. and Mahipala, M.B.P.K. A case study: factors affecting on milk production of contract farmers of the Swiss Cheese Company (Pvt.) Ltd. in Nuwara - Eliya District. Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

56. Wijesekara, W.L.U., **Abeyrathne, E.D.N.S.**, Ganegoda G.A.P., Samarasinghe, K. Waste minimization of poultry feed processing through cleaner production. Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

57. Vinothsanker, S., Wickramasinghe, W. **Samaraweera, A.M.**, and Cyril, H.W. Analysis of yield and some physicochemical properties of tallow rendered from leather industry waste. Proceedings of the Research Symposium - 2010 on value addition to the national resource, Uva Wellassa University of Sri Lanka.

Further, the following researches were in progress during the year.

Kaliyadasa, P.E. Investigation on correct harvesting stage of *Withania somnifera* L. (Amukkara), chemical content and comparison of *in-vivo* and *in- vitro* grown plants for commercial cultivation.

Kaliyadasa, P.E. Development of an instant herbal tea from Walkoththamalli (*Scorparia dulcis*) for reduction of blood glucose level.

In addition to the above published researches, research with a goal of increasing revenue from Livestock production and Aquatic Resources are being conducted. 28 Student research projects were conducted and findings have been presented in the Research Symposium of Uva Wellassa University.

9.1.2 Faculty of Science & Technology

The following research studies were completed under the Faculty of Science & Technology and presented at the open session at the research symposium - 2010 of Uva Wellassa University.

1. **Ariyaratna, G.D.W.M.** and Karunananda, A.S., 2010. Automate Cephalometric Analysis in Orthodontics using Artificial Neural Network. Research Symposium, Uva wellassa University.
2. Sakalasooriya S.M.V. and **Kumarapathirana K.P.S.D.**, 2010. Management Information System for Crime Department of the Police. Research Symposium, Uva wellassa University.

9.1.3 Faculty of Management

The following staff members of Faculty of Management have made the following publications during the Year 2010.

1. **Mr. RDN Palliyage**, “Total Factor productivity as a Source of Economic Growth in Sri Lanka ‘’, 2010, International conference on information and management at University of Colombo, Sri Lanka.
2. **Mr. RDN Palliyage**, “Analyzing the Determinants of Private Savings in Sri Lanka’’, 2010, Annual research symposium at Eastern University of Sri Lanka
3. **Mr. RDN Palliyage**, “Unemployment and It’s Recent Trend ‘’, 2010, Wayamba Journal of Management, 2nd Issue, Vol.2 Wayamba University of Sri Lanka.
4. **Mr. RDN Palliyage**, “Human Capital as a Tool of Economic Growth in Post-Conflict Scenario in Sri Lanka‘’, 2010, International research symposium at Vavuniya Campus of Jaffna University of Sri Lanka.
5. **Ms. Jayaranjani Sutha**, “A Study of Application of Marketing Strategies of Honey collection in war affected area at Batticaloa District” Sutha R.J, Annual Research Symposium Uva Wellassa University of Sri Lanka - 2010.
6. **Ms. Jayaranjani Sutha**, “A comparative study of individual and situational factors influence employees motivation to participate in training in NGOs in Batticaloa District’’, - research work submitted for Master of Business administration, and the above research was published at Vavuniya Annual Research Session 2010.

7. **Dr. H.R. Nishadini Peiris**, “Psychological Aspect of Buddhist personality Type Theory, “4th international Conference of Sri Lanka Association for Buddhist Studies - 2010.
8. **Mr. Ranasinghe JPRC**, “Significance of Tourism industry in Sri Lanka Economy”, JM International Journal of Management and Marketing (ISSN 2230-701X) 2011.
9. **Mr. M. Rubavathanan**, “Social Values in Thirukkural”-presented at International Seminar on Post Sangam period organized by Ministry of Religious affairs and Moral up-limited and Department of Hindu religious cultural in Colombo from 23rd – 25th September 2010.
10. **Mr. M. Rubavathanan**, “Sinhala Language Interference in up country Spoken Tamil”- presented at World Classical Tamil Conference – coinmbuture, Tamilnadu, India-2010 from 23 - 27th June 2010.
11. **Mr. Maduranga Kulathunga**, “Customer relationship Management: as a tool for customer delightedness; with special reference to sales personnel behaviour in textile shops in Badulla region, Sri Lanka”

9.2 Innovations

The following innovations were made by the undergraduates of the university during the year 2010.

- **Mechatronic frog, a robot that can leap:**
Ms. Priyanwada Nimesha Wijesooriya, a final year student who was specialized in machatronics in the Science & Technology degree programme developed a jumping robot called the mechatronic frog. The project was carried out as her final year research project to construct a mechanical robot that can jump to move in a rough terrain.
- **A realtime Viscosity meter:**
Mr. P. Sumudu Dileepa Dayarathne, a final year student specialized in material Science & Technology under the Science & Technology degree programme carried out a final year research project and invented a realtime viscosity meter. This viscosity meter is a low cost, portable, industrial applicable device, which has a user friendly controlling unit. This can be used to measure viscosity of Newtonian fluids.
- **Lankan graphite for re-chargeable batteries:**
Ms. A.A. Kumudu Geethika, a final year student in material Science in the Science & Technology degree programme did a final year research on ‘Sri Lankan graphite for rechargeable battery applications.’ The investigations indicated the ability of obtaining Sri Lankan natural graphite with the appropriate phase purity and significant electrical conductivity indicating the high potentiality of these graphite for re-chargeable Li-ion battery applications.
- **Ready to Cook hard Paneer Cheese:**
Ms. Dulani Chaturica Karunarathna, a final year student conducted a research to develop a ready to cook hard paneer as a partial fulfillment of the requirement for

animal Science degree programme. Chathurica has developed a ready to cook hard paneer cheese marinated with chilli sauce base using cow milk.

- **Bio-Diesel from Domba fruit:**

Ms. Dulani Kuruppu, a final year student conducted a research to produce bio diesel out of Domba Herbal fruit as a partial fulfillment of the requirement for Science & Technology degree programme. Bio-diesel was made after base catalysed transesterification of extracted pure Domba (*Collophylum inophyllum*) oil. Blend of bio diesel was made by mixing pure bio diesel with fossil diesel.

- **Carbon fuel cells for power generation:**

Ms. Manel Karunanayaka, a final year student conducted a research on 'Low cost and performance enhanced materials for electrochemical energy conversion' as a partial fulfillment of the requirement for material science special programme in Science & Technology degree programme. Ms. Manel Karunanayaka has developed low cost and performance enhanced materials for electrochemical energy conversion.

- **A robot for office work:**

Mr. Ranjan Kulatunga, a final year student specializing in Mechatronics has developed a service robot to serve in the office environment based on his research as a partial fulfillment of the requirement of Science & Technology degree programme.

- **A smart energy meter that reduce consumption:**

Mr. Janaka Bandara Ekanayake, a final year student specializing in Mechatronics has developed a smart energy meter that can considerably reduce the energy consumption based on his research as a partial fulfillment of the requirement of Science & Technology degree programme.

- **Low Cost optical 3-D Scanner:**

Mr. Nalinda A.N. Ranasinghe, a final year student specializing in Mechatronics did a project titled 'Low cost optical 3 – D Scanner for surface registration of simple objects' and has developed the same based on his research as a partial fulfillment of the requirement of Science & Technology degree programme. This scanner is capable in scanning both simple and complex objects with sufficient accuracy. It was developed using a laser light and a digital still camera.

- **Chocolate Syrup Stirred Yoghurt:**

Ms. Keshani Ranasinghe a final year student conducted a research to develop a value added stirred yoghurt with combination of cooking chocolate syrup to partial fulfillment of the requirement for the Animal Science degree programme.

10. Details of Programme, Seminars & Workshops

Subject	Attended	Completed	Presented
No. of Postgraduate Degree Programme	--	--	--
No. of Postgraduate Diploma Programme	01	01	--
No. of Degree Programme	11	05	--
No. of Diploma Programme	--	--	--
No. of Certificate Programme	06	--	--
No. of Community Service Delivery Programmes	09	09	--
Staff Development Seminars & Workshops	18	18	--
Total	45	33	--

10.1 Postgraduate Diploma Programme

The first postgraduate programme, Postgraduate Diploma in Actuarial Science conducted under the Faculty of Management was successfully completed during the year 2010 by setting new trends in the postgraduate studies in the field of actuarial Science in Sri Lankan Higher Education.

10.2 Degree Programmes

There were 11 degree programmes offered by the Uva Wellassa University under the three Faculties in the year 2010. The degree programmes by each Faculty are as follows.

Faculty of Animal Science & Export Agriculture:

The following five degree programmes were offered under the Faculty of Animal Science & Export Agriculture.

- Bachelor of Animal Science (BASc)
- Bachelor of Science in Export Agriculture (BSc)
- Bachelor of Science in Tea Technology & Value Addition (BSc)
- Bachelor of Science in Aquatic Resources Technology (B.Sc.)
- Bachelor of Science in Palm & Latex Technology and Value Addition (BSc)

Faculty of Science & Technology:

The following four degree programmes were offered under the Faculty of Science & Technology.

- Bachelor of Science & Technology (BTech)
- Bachelor of Science in Computer Science & Technology (BSc)

- Bachelor of Industrial Information Technology (BIIT)
- Bachelor of Science in Mineral Resources & Technology (BSc)

Faculty of Management:

The following two degree programmes were offered under the Faculty of Management.

- Bachelor of Business Management in Entrepreneurship & Management (BBM)
- Bachelor of Business Management in Hospitality, Tourism and Events Management (BBM)

10.3 Certificate Programmes

The following Extension programme courses were conducted by the Uva Wellassa University during the year 2010.

Short Term Courses conducted under the Faculty of Science & Technology:

- Certificate Course in Computer Applications
- Certificate Course in Advanced Computer Applications
- Certificate Course in Web Designing
- Certificate Course in Computer Hardware Technology

Short Term Courses conducted under the Faculty of Management:

- Certificate in English for Junior Executives
- Certificate in English for School Leavers

10.4 Community Service Delivery Programmes

The following Community service delivery programmes conducted under the Faculty of Animal Science & Export Agriculture.

- **Life Long Learning (L3) Program**
Several staff members participated at the village selection and situational analysis visit programs at Galgepitiya. There were number of request form the villagers including technology transfer for Mushroom cultivation, dairy cattle management and composting etc. Activities are underway to carry out training program for Mushroom cultivation and other requests.
- **Environmental Impact Assessment (EIA) –(Uva)**
Ms. Dayani Gunathilake was appointed as the member of environmental assessment committee, Uva province. She has participated in the several environmental impact assessments conducted and given her technical expertise on plantation agriculture.

- **Initial Environmental Examination (IEE) Program in collaboration with the Central Environmental Authority**
Ms. P.E Kaliyadasa was serving as a member of the group that conducted an Initial Environmental Examination (IEE), related to Environmental Impact Assessment (EIA) to have a commercial scale vegetable and fruit (Dragon fruit) farm covering 100 acre of land at Nikawewa, Thanamalwila, Sri Lanka.
- **Program for the Development initiatives of Uva Provincial Council**
Ms. P.E. Kaliyadasa was working as the Program Coordinator in the project of the Development Initiatives of Uva Provincial Council, Sri Lanka.
- **On- farm Germplasm Conservation of Tuber Crops**
Several traditional tuber crop varieties were distributed among farmers at Sirimalgoda, Madurukolatenna and Illukthenna in Badulla on 15th May 2010 as a mean of on- farm germplasm conservation.
- **Investigation of a new invasive pest species (Eucalyptus Gall Wasp) in Forest Plantations**
A field visit to Adawatta Estate (Finley Group) was conducted by Ms. Piumika Abeysekara as a request made by the Divisional Forest office, Badulla. Ms. Piumika was working in this project to investigate the new invasive pest species in forest plantaion
- Collaborative research conducted with the participation of private sector industries proved to be successfuul in developing new products and contributing to the National Development .The notable products are leather from Tuna fish and Tilapia, Custard, Chocolate stirred yoghurt.
- A research programme on establishment of fry fingerling cages in two selected reservoirs (Ulhitiya and Urusita Wewa) was conducted with community participation and was completed. The technical knowledge on cage construction, feeding, rearing and water quality management was transferred to the fishing community in Ulhitiya and Urusita Wewa. Socio-Economic study conducted showed that Urisita Wewa community fared better than the Ulhitiya community.
- **Science Camp – 2010**
Science Camp – 2010 was held from 1st to 3rd February at the Uva Wellassa University. Ms. R.M.G.N. Rajapakshe and Mr. N.P.P.Liyanage have actively participated in conducting practical classes and lectures on Aquatic Sciences for G.C.E A/ L students.

10.5 Staff Development, Seminars and Workshops

Staff Development Centre (SDC) of Uva Wellassa University has engaged in various activities leading to development of academic and staff members during the year 2010. Main focus for the year had been completion of the Certificate Course for Teaching in Higher education which is much needed to train the young staff members of the university. Resource persons were invited from outside since the numbers of senior lecturers are limited in the Uva Wellassa University at present.

1. Certificate Course for Teaching in Higher Education

Forty nine staff members have registered for the first certificate course on Teaching in Higher Education and 26 staff members have successfully completed the Course. The Certificate Course for Teaching in Higher Education has been approved by the University Grants Commission with effect from 17th June 2010 (UGC/IUA/STD/01/10). Further, several workshops have been conducted to transfer knowledge required by the staff members (Table 1).

2. Self Evaluation Report

Self evaluation report of the SDC was prepared and incorporated in the self evaluation report of the university under section 5.0 Director/SDC has discussed the progress of SDC/UWU at the Institutional review and the review team members were satisfied with the progress of SDC.

3. Training and workshops

During the year 2010, opportunities were given to staff members, both academic and non-academic to participate in trainings, workshop and seminars held in other institutes in order to improve their knowledge and capacity. Opportunities were also provided for the staff members to register and participate in symposiums and conferences. Table 1. Indicates such activities carried out in 2010.

No.	Training / Seminar / Workshop	Venue	Days	Number of Participant/s
01	Training on heavy machinery	SENOK, Battaramulla	1 day	01 Administrative staff member
02	Training on Public Finances and Development	Institute of Public Finance and Development Authority	1 day	03 Administrative staff member
03	Workshop on quality Assurance	National Science foundation	1 day	04 Academic Staff Member
04	Assessment methods in higher Education	British council	1 day	01 Administrative staff member
05	6 th Joint SDC-SLAHEE workshop	Faculty of Graduate Studies University of Colombo	1 day	16 Academic Members
06	International Conference on Business and Information	University of Kelaniya	1 day	02 Academic Members
07	International Conference on Library Association	University of Kelaniya	1 day	02 Academic Members
08	Training on quality of export products	The Ceylon Chamber of Commerce	1 day	01 Academic Member
09	Workshop on Banking Studies	Central Bank of Sri Lanka	1 day	01 Academic Member
10	SALBS Conference	University of Kelaniya	1 day	01 Academic member
11	Developing training and development systems for Sri Lanka	Human Resources Management Institute	1 day	01 Academic member

12	Workshop on International Dimensions of Macro economy Policy	Centre for Banking Studies	1 day	01 Academic member
13	Improving teaching to make undergraduates more effective	University of Colombo	1 day	01 Academic member
14	Workshop on Bioassays for natural products	IFS, Kandy	2 days	04 Academic member
15	Challenges in sustaining best practices in higher education	University of Colombo	1 day	16 Academic member
16	Seminar on Agrochemicals: Their Analysis and Impact on Environment and Health	Institute of Chemistry	1day	03 Academic member

11. Details of Awards Received

There were no awards received by the university for the year 2010.

12. Details of New Courses Started

The following three new certificate courses were started during the year 2010 under the extension programmes for the public. All the programmes were conducted under the Faculty of Science & Technology.

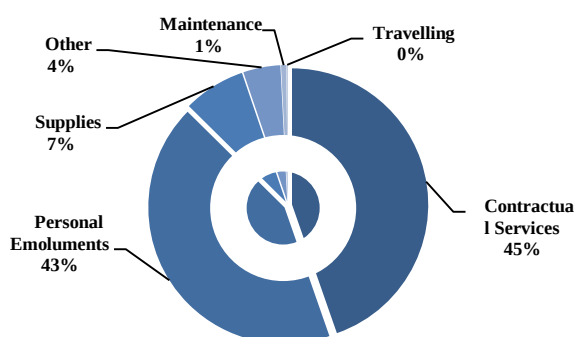
- Certificate Course in Advanced Computer Applications
- Certificate Course in Web Designing
- Certificate Course in Computer Hardware Technology

All these programmes were conducted in English medium.

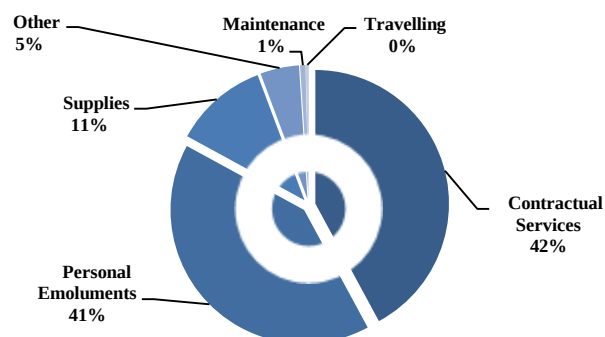
13. Details of Recurrent Expenditure

Subject	2009 (Rs.)	2010 (Rs.)
a. Personal Emoluments	53,030,112	64,537,372
b. Travelling	241,210	580,986
c. Supplies	9,162,777	17,931,607
d. Maintenance	751,949	1,029,217
e. Contractual Services	55,397,904	66,532,314
f. Other	5,484,077	7,407,977
Total	124,068,029	158,019,473

Recurrent Expenditure 2009



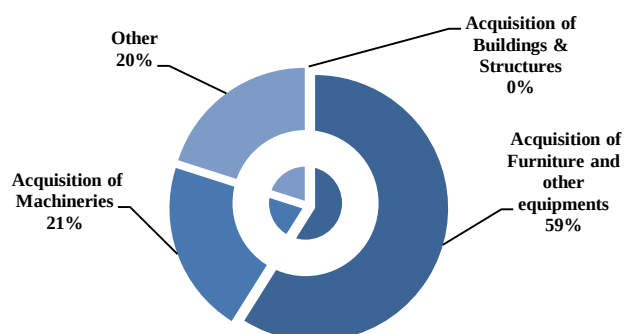
Recurrent Expenditure 2010



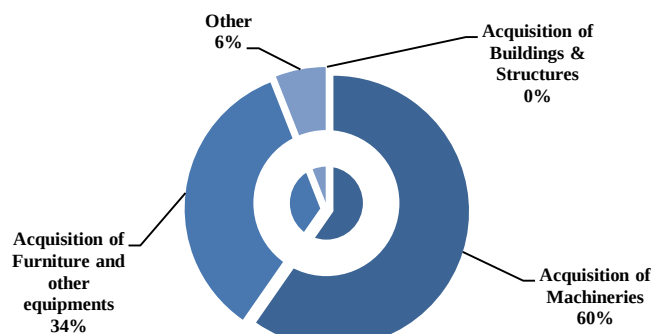
14. Details of Capital Expenditure

Subject	2009 (Rs.)	2010 (Rs.)
a. Acquisition of Furniture and other equipments	22,227,902	11,698,371
b. Acquisition of Machineries	7,918,476	20,332,628
c. Acquisition of Buildings & Structures	-	-
d. Other	7,568,444	2,040,642
Total	37,714,822	34,071,641

Capital Expenditure 2009



Capital Expenditure 2010



15. Details of Projects (Local / Foreign Funded)

Name & Details	Loan / Grant	Funding Agency #	TCE (Rs.) (Mn.)	RFA (Rs.)	DF (Rs.).
Establishment of Uva Wellassa University Project Phase 1 and 2			3420.00		✓
Rehabilitation of Garment Factory Building			53.96		✓
Total			3473.96		

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

Name	TCE (Rs.) (Mn.)	Exp. in 2009 (Rs.) (Mn.)	Exp. in 2010 (Rs.) (Mn.)	Cumulative expenditure as at 31.12.2010 (Mn.)	% of Physical Progress
Establishment Uva Wellassa University Project, Phase 1 & 2	3420.00	202.64	189.28	1342.72	40%
Rehabilitation of Garment Factory Building	53.96	27.53	0.45	40.37	95%
Total	3473.96	230.17	189.73	1383.09	

17. Details of Financial Progress (Expenditure)

Subject	Provision in 2010 (Rs.)	Exp. in 2010 Rs	Savings/Excess (Rs.)
a. Recurrent except project	155,000,000	158,019,472	(3,019,472)
b. Capital except project	30,000,000	34,071,641	(4,071,641)
c. Project – Local funded	170,000,000	189,283,843	(19,283,843)
d. Project –Foreign funded	-	-	-
Total	355,000,000	381,374,956	-26,374,956

18. Details of Financial Progress (General Income)

Source of Revenue	Provisions in 2010 (Rs.)	Collection in 2010 (Rs.)	Deficit/Surplus (Rs.)
a. Undergraduate Studies	5,603,000	6,115,454	512,454
b. Postgraduate Studies	-	-	-
c. Consultancies	2,800,000	2,148,560	(651,440)
d. Other	110,000	588,382	478,382
Total	8,513,000	8,852,396	339,396

19. Financial Performance Analysis - 2010

Subject	Formula	Exp. per Student (Rs.)
a. Recurrent Expenditure per student (RE)	RE / No of Student Strength	101,164
b. Capital Expenditure Per Student (CE)	CE / No of Student Strength	143,287
Total		244,451

20. Details of Infrastructure Facilities Received in 2010

Infrastructure Details	Expenditure (Rs.)	Physical Progress
Laboratory and Lecture Hall Complex Block 'E'	242,927,023.61	100% Completed
Engineering Workshop Phase-1	73,245,163.19	100% Completed

21. Report of the Auditor General

UV/BD/D/2010/64

September 2011

The Vice chancellor,
Uva Wellassa University.

Report of the Auditor General on the financial statements of the Uva Wellassa University for the year ended 31 December 2010 in terms of Section 108 (2) of the Universities Act No. 16 of 1978 and Section 13(7)(a) of the Finance Act No. 38 of 1971.

The audit of financial statements of the Uva Wellassa University for the year ended 31 December 2010 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 Sections 108 (1) and 111 of the Universities Act No. 16 of 1978 and Sub - sections (3), (4) and (7) of Section 13 of the Finance Act No. 38 of 1971. This report is issued in terms of Section 108 (2) of the Universities Act and Section 13 (7) (a) of the Finance Act. My comments and observations appear in this report.

1.2 Responsibility of the Management for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Sri Lanka Accounting Standards. This responsibility includes; designing, implementing and maintaining internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatements, whether due to fraud or error, selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

1.3 Scope of Audit and Basis of Opinion

My responsibility is to express an opinion on these financial statements based on my audit. Audit opinion, comments and findings in this report are based on a review of the financial statements presented to audit and substantive tests of samples of transactions. The scope and extent of such review and tests were such as to enable as wide audit coverage as possible within the limitations of staff, other resources and time available to me. The audit was carried out in accordance with Sri Lanka Auditing Standards, to obtain reasonable assurance as to whether the financial statements are free from material misstatements. The audit includes examination on a test basis of evidence supporting the amounts and disclosures in financial statements and assessment of accounting policies used and significant estimates made by the management in the preparation of financial statements as well as evaluating their overall presentation. I have obtained sufficient information and explanations which to the best of my knowledge and belief were necessary for the purpose of my audit. I therefore believe that my audit provides a reasonable basis for my opinion. Sub - sections (3) and (4) of Section 13 of the Finance Act No.38 of 1971 give discretionary powers to the Auditor General to determine the scope and extent of the audit.

2. Financial Statements

2.1 Opinion

So far as appears from my examination and to the best of my information and according the explanations given to me, I am of opinion, that the Uva Wellassa University had maintained proper accounting records for the year ended 31 December 2010 and except for the effects on the financial statements of the matters referred to in paragraph 2.2 of this report, the financial statements have been prepared in accordance with Sri Lanka Accounting Standards and give a true and fair view of the state of affairs of the Uva Wellassa University as at 31 December 2010 and the financial results of its operations and cash flows for the year then ended.

2.2 Comments on Financial Statements

2.2.1 Accounting Deficiencies

The following accounting deficiencies were observed in audit.

- (a) The value of drugs amounting to Rs.538, 486 in the Medical Centre at 31 December 2010 had not been brought to the Balance Sheet as an asset.
- (b) The value of 100 Footballs purchased years of 2007- 2010 totalling to Rs.59, 550 had been accounted under capital assets.
- (c) A multimedia projector valued at Rs. 173,400 purchased in 2008 accounted under Laboratory and Teaching Instruments was lost in the year 2009. Although its value had been deducted from bill payable to the private security in February 2010, accounting adjustments had not been done.
- (d) A sum of Rs.597, 500 of hostel fees receivable as at 31 December 2010 from the students resided in hostels for the years of 2006, 2007, 2008 and 2009 had not been brought to accounts.
- (e) According to the board of survey report of 28 February 2011, in respect of the year 2010 excess and shortages of stocks valued Rs. 26,740 and Rs.12, 199 respectively had not been correctly adjusted to the stock account by journal entries.
- (f) Due to unsettlement of advances of Rs.36,698 as at 31 December 2010 given to three officers to meet expenses, for the year the expenditure of the year under review was under stated by similar amount.

2.2.2 Lack of Evidence for Audit

The following items in the financial statements could not be satisfactorily vouched in audit in the absence of evidence indicated against each item.

Item	Value	Evidence not made available
-----	-----	-----
	Rs.	
Acquisition of Lands	17,295,907	Title Deeds.
Office Equipment	2,474,143	Board of survey reports for verification of value
Computers	23,281,635	
Sport Goods	1,532,828	
Library books and Periodicals	32,590,936	
Refundable deposits	1,381,220	Registers of Deposit/Schedules
Accrued Expenses	5,900,300	Laboratory Registers /Detailed Schedules

2.2.3 Non - compliance with Laws, Rules, Regulations and Management Decisions

The following Instances of non - compliance were observed in audit.

Reference to laws, rules, regulation etc.	Particulars
-----	-----
(a) Finance Act No.38 of 1971 Section 14 (i)	A copy of the Draft Annual Report had not been submitted for audit with the Financial Statements.
(b) Universities Act No. 16 of 1978	

(i) Section 109	Annual Report of 2009 of the University had not been published in the Government Gazette.

(ii) Section 110	Annual reports of the University had not been tabled in the Parliament.
(c) Section 10 of the Employees Provident Fund Act No 15 of 1958 as Amended by the Act No 01 of 1985	EPF Contributions for the period of 2006-2010 amounting to Rs.2, 458,130 had not been paid in respect of Operational Assistants recruited on contract basis.
(d) Employees Trust Fund Act No 46 of 1980	ETF contributions for the period of 2006-2010 amounting to Rs.368, 719 had not been paid in respect of Operational Assistants recruited on contract basis.
(e) Section 1 of Chapter xxiv of the Establishment Code for the University Grants Commission and Higher Educational Institutions	Verification of stores in irregular intervals had not been carried out during the year under review.
(f) Section 6.3 of the University Grants Commission Circular No 63 of 13 February 1980	A report of differences between estimated expenditure and income with actual had not been submitted with Financial Statements.
(g) Treasury Circular No. IAI/2002/2 of 28 November 2002	A Register of Fixed Asset for computers and accessories had not been maintained.
(h) Public Administration Circulars	
(i) Circular No. 37/94 of 21 October 1994.	A retired officer over 70 years of age had been appointed as a Project Operational Manager on assignments basis from 31 December 2005 for 6 months period without Cabinet approval and his service was continually extended by three months up to now.

- | | |
|--|---|
| (ii) Circular No. 21/2006(iv)
Of 30 July 2008 | No action had been taken to permanent the service of 17 Operational Assistants recruited in Years of 2005, 2006 and 2007 on contract basis who are still in the university service. |
| (i) Financial Regulations
----- | |
| (i) 104 | No action had been taken regarding losses of assets according to the financial regulations. |
| (ii) 110 | A register had not been maintained to record damage and losses. |
| (iii) 756 | Annual board of survey had not been carried out regarding library books and balance stock of medicine. |

3. Financial and Operating Review

3.1 Financial Review

Financial Result

According to the financial statements presented, the working of the University for the year ended 31 December 2010 had resulted in a surplus of Rs.2,450,399 after taking into account the Government Grants of Rs.152,800,000 received for recurrent expenditure as compared with the corresponding deficit of Rs.10,441,719 for the preceding year after taking into account the Government Grant of Rs.108,870,000 received for recurrent expenditure. Thus indicated a improvement of Rs.12, 892,118 in the financial result mainly due to increase of recurrent grants, self finance programmed income and other income.

3.2 Operating Review

3.2.1 Educational Performance

Following Observations are made.

- (a) The enrolment of students for the year 2010 had decreased by 45 students or 8.5% as compared with the year 2009.
- (b) Sixty Eight registered students had left their courses in the university from 2006 to 2010.
- (c) Hundred and Forty Eight students passed and 03 students referred out of 151 students sat for the final year examination held in the year under review.

3.2.2 Cost per student

Average expenditure per student calculated on the basis of recurrent expenditure and number of students registered in the years of 2006- 2010 is given below.

Year	No. of students Registered	Total recurrent expenditure	Expenditure per student
-----	-----	-----	-----
		Rs.	Rs.
2006	167	39,282,684	235,226
2007	370	74,375,733	201,015
2008	741	118,634,901	160,101
2009	1,257	152,982,159	121,704
2010	1,715	200,874,819	117,128

Recurrent expenditure per student was gradually decreased due to increase of number of students.

3.2.3 Management Inefficiencies

Following Observations are made.

(a) Computer Systems

The University had entered into an agreement of Rs.3, 680,000 with a private company to develop a computer system to use for the General Administration of the University in 2006 and paid a sum of Rs.736, 000 as an advance 20% out of the agreed amount. However, the contractor had not supplied the computer system as required and the performance bond of Rs.368, 000 was expired on

20 February 2007. Action had not been taken to recover the loss incurred to the university due to non supplying of computer system according to the agreement from the company.

A sum of Rs.22,870,727 had been paid to a private company for hiring of 110 computers for computer studies of the students during 04 years from 2007 to 2010. When considering the market price it was observed in audit that the university could have been purchased 280 computers in new versions by spending the money paid for hiring of computers for last four years.

(b) Residential Facilities

- (i) Thirty Eight houses had been leased out on the monthly rental basis for providing residential facilities for 59 staff in the university and paid a sum of Rs.3, 654,496 in the year 2010 to the house owners as rent. However only Rs.521, 762 had been recovered as rent from the staff. Accordingly the university has to incur an excess expenditure Rs.3, 132,734 approximately for a year to meet rental expenditure for residents.
- (ii) Although the university had paid monthly electricity and water bills of the bachelors quarters in addition to the rent, no money had been charged to the residential staff of those quarters.

3.2.4 Asset Management

Following Observations are made.

- (a) Five hundred and fifty seven students hand books at a cost of Rs.172, 825 had remained idle due to printing of students hand books for the years 2006, 2007 and 2009 without considering the requirements.
- (b) Hundred and Forty Five library books valued Rs.76, 422 had been misplaced according to internal audit report of 29 June 2010.
- (c) Stock of 29 items of medicine in the medical centre was expired.
- (d) Seventy six beds and 198 mattress purchased in excess were being stored in the stores and block F building at 31 December 2010.
- (e) Five fire resistant safes valued Rs.322,560 purchased on 30 June 2010 were lying in the stores up to 31 May 2011 unutilized.

3.2.5 Human Resource Management

Following Observations are made.

- a) According to the approved carder of the University, 07 Professor posts and 03 Grade I Senior Lectures in the academic staff had not been filled from 2006 to 04 August 2011. 32 posts out of 129 posts in the academic staff were vacant at 31 December 2010.
- (b) Fifty Eight posts were vacant out of 82 posts in the approved non-academic staff.
- (c) An acting Course Director had been appointed for the Faculty of Management from 2006 November to 04 August 2011 without the UGC approval and paid an allowance of Rs.378, 000 plus transport allowance of Rs.154, 419 during the year under review for a service of 37 days.

3.2.6 Budgetary Control

Significant variances were observed between the budget and the actual thus indicating that the budget had not been made use of as an effective instrument of management control.

4. Systems and Controls

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

- (a) Accounting
- (b) Budget
- (c) Fixed Assets
- (d) Stores

H.A.S. Samaraweera
Auditor General.

22. Answers to the Report of the Auditor General

Report of the Auditor General on the Financial Statements of the Uva Wellassa University for the year ended 31 December 2010 in terms of section 108(2) of the Universities Act.No.16 of 1978

Auditor General's Comments	University Replies
2.2 Comments on the Accounts	
2.2.1 Accounting Deficiencies	
(a) The value of drugs amounting to Rs.538,486 in the Medical Centre at 31 December 2010 had not been brought to the Balance Sheet as an asset.	Drugs issued to medical centre have been considered as issues and accounted accordingly. Balance drugs remaining in the medical centre including the expired drugs.
(b) The value of 100 Footballs purchased years of 2007- 2010 totaling to Rs.59,550 had been accounted under capital assets.	Action being taken to remove these sports items from Fixed Assets Register.
(c) A multimedia projector valued at Rs. 173,400 purchased in 2008 accounted under Laboratory and Teaching Instruments was lost in the year 2009. Although its value had been deducted from bill payable to the private security in February 2010, accounting adjustments had not been done.	A complaint has been made to Badulla police and inquiries have not been finalized as yet. Action will be taken to delete this item from book and to adjust this shortage immediately on receipt of police report.
(d) A sum of Rs.597,500 of hostel fees receivable as at 31 December 2010 from the students resided in hostels for the years of 2006, 2007, 2008 and 2009 had not been brought to accounts.	No hostel charges had been recovered from students during the initial period as basic requirements of furniture was not provided however action was taken to recover these dues in years 2008/2009
(e) According to the board of survey report of 28 February 2011, in respect of the year 2010 excess and shortages of stocks valued Rs. 26,740 and Rs.12,199 respectively had not been correctly adjusted to the stock account by journal entries.	Supporting documents showing these balancing have been submitted along with reply to your query No. UV/BD/2010/64 of 15/07/2011. Total amount of stock is indicated in final accounts after correctly adjusted.

(f) Due to unsettlement of advances of Rs.36,698 as at 31 December 2010 given to three officers to meet expenses, for the year the expenditure of the year under review was under stated by similar amount.			All these advances are settled now. Necessary adjustment will be made with the accounts for the year 2011
2.2.2 Lack of Evidence for Audit			Cabinet approval (No. 05/0183/035/001 dated 07/02/2005 and No. 1387/1 dated 04/04/2005)and Gazette notice relevant to the Transfer order already forwarded along with reply to your query No. UV/BD/2010/64 of 15/07/2011.
Item	Value (Rs.)	Evidence not made available	
Acquisition of Lands	17,295,907	Title Deeds.	
Office Equipment	2,474,143	Board of survey reports for verification of value	Fixed Assets Register and board of survey reports were produced to audit officers to substantiate evidence.
Computers	23,281,635		
Sport Goods	1,532,828		
Library books and Periodicals	32,590,936		
Refundable deposits	1,381,220	Registers of Deposit/Schedules	Action will be taken to submit.
Accrued Expenses	5,900,300	Laboratory Registers /Detailed Schedules	Expenditure are entered in votes ledger and transferred accrued account by journal entries, new register will be opened for accrued account from next year onward.

2.2.3 Non – Compliance with laws, rules, regulation etc.			
	Reference to laws, rules, Regulation etc.	Particulars	

(a)	Finance Act No.38 of 1971	A copy of the Draft Annual Report had not been submitted for audit with the Financial Statements.	Action will be taken to submit a copy of draft annual report with annual account next year onward.
	Section 14 (i)		
(b)	Universities Act No. 16 of 1978	Annual Report of 2009 of the University had not been published in the Government Gazette.	Annual accounts have been published in the Gazette on 26/08/2011.
(i)	----- Section 109		

(ii) Section 110	Annual reports of the University had not been tabled in the Parliament.	Annual report for 2009 has been sent to Ministry of Higher Education to obtain Cabinet approval for submission to Parliament
(c) Section of the Employees Fund Act No 15 of 1958 & Section 02 of Amended Act No. 01 of 1985	EPF Contributions for the period of 2006-2010 amounting to Rs.2,458,130 had not been paid in respect of Operational Assistants recruited on contract basis.	Instruction received from Attorney General's Department was submitted university Council & action will be taken to payment UPF or EPF according to the decision of the Council.
(d) Employees Trust Fund Act No. of 1980	ETF contributions for the period of 2006 / 2010 amounting to Rs.368,719 had not been paid in respect of Operational Assistants recruited on contract basis.	Action will be taken to payment ETF according to the decision of above.
(e) Section 1 of chapter XXIV of Establishment code for the University Grant Commission & the higher Education institution	The verification of stores of regular intervals had not been carried out during the year under review.	Stores verifications had been carried out at regular intervals and all particulars pertaining to this were produced at the time of audit inspection.
(f) Section 6.3 of University Grant Commission Circular No.63 13 February 1980	A report of difference between estimated expenditure & incomes and actual had not been shown with in the financial statements	Actual and estimated expenditure were reflected in page. 39 of financial statement of 2010.
(g) Treasury Circular No. IAI/2002/2 of 28 November 2002	A Register of Fixed Asset for computers and accessories had not been maintained	Computers and accessories are indicated in page number 08, 11, 24, 30, 38 of Fixed Assets Register no separate Fixed Assets Register is maintained for these items. However action will be taken to maintain a separate Fixed Assets Register for these items for next year onward conforming to instructions contained in Treasury Circular No. IAI/2002/2 of 28/11/2002

(h) Public Administration Circulars (1) Circular No. 37/94 of 21 October 1994	A retired officer over 70 years of age had been appointed as a Project Operational Manager on Assignments basis from 31 December 2005 for 6 months period without Cabinet approval and his service was continually extended by three months up to now.	It is imperative that services of a competent manager operations has to be obtained for the project even though applications were called to fill the vacancy of work engineer as per approved cadre, selected candidate did not report to the duty after accepting the appointment. It is vital that a senior well experienced engineer require with all aspect to handle a major project. As such the officer performing the duties of manager operation project had been recruiting on assignment basis and not on contact basis.
(ii) Circular No.21/2006 (iv) Of 30 July 2008	No action had been taken to make permanent the service of 17 Operational Assistants recruited in years of 2005, 2006 and 2007 on contract basis who are still in the university service.	These employees cannot be absorbed into permanent cadre as these services were not obtained under approved cadre.
(i) Financial Regulations (i) 104	No action had been taken regarding losses of assets according to the financial regulations	Complaint has been made to Badulla police Regarding the misplacement of multimedia projector and internal inquires are being carried out. After finalizing internal inquiry necessary adjustment will be made according to financial regulations
(ii) 110	A register had not been maintained to record damages and losses	Action will be taken to maintain the record losses and damages
(iii) 756	Annual board of survey had not been carried out regarding library books and balance stock of medicine	Action will be taken to conduct annual board of survey library books and medicine next year onward.

3. Financial and Operating review 3.1 Financial Review According to the financial statements presented, the working of the University for the year ended 31 December 2010 had resulted in a surplus of Rs.2,450,399 after taking into account the Government Grants of Rs.152,800,000 received for recurrent expenditure as compared with the corresponding deficit of Rs.10,441,719 for the preceding year after taking into account the Government Grant of Rs.108,870,000 received for recurrent expenditure. Thus indicated a improvement of Rs.12,892,118 in the financial result mainly due to increase of recurrent grants, self finance programmed income and other income.	Financial growth has been occurred in relation to previous year recurrent expenditure funds in time from treasury and close monitoring of expenditure as per estimated and increase of institutional earnings.
--	---

3.2 Operating Review 3.2.1 Educational Performance (a) The enrolment of students for the year 2010 had decreased by 45 students or 8.5% as compared with the year 2009. (b) Sixty Eight registered students had left their courses in the university from 2006 to 2010. (c) Hundred and Forty Eight students passed and 03 students referred out of 151 students sat for the final year examination held in the year under review.	Number of student sent by UGC has been reduced in 2010 when compared to previous year. That is the reason for reducing of students in the year 2010 We have inquired into this, the students have left the course due to personal reasons We agree for this												
3.2.2 Cost per Student <table data-bbox="359 1653 890 1921"> <thead> <tr> <th>Year</th><th>Average per student (Recurrent cost)</th></tr> </thead> <tbody> <tr> <td>2006</td><td>235,226</td></tr> <tr> <td>2007</td><td>201,015</td></tr> <tr> <td>2008</td><td>160,101</td></tr> <tr> <td>2009</td><td>121,704</td></tr> <tr> <td>2010</td><td>117,128</td></tr> </tbody> </table>	Year	Average per student (Recurrent cost)	2006	235,226	2007	201,015	2008	160,101	2009	121,704	2010	117,128	Expenditure per student is reduced due to proper management of expenditure and increased intake of student.
Year	Average per student (Recurrent cost)												
2006	235,226												
2007	201,015												
2008	160,101												
2009	121,704												
2010	117,128												

3.2.3 Management Inefficiencies (a) Computer Systems (j) The University had entered into an agreement of Rs.3,680,000 with a private company to develop a computer system to use for the General Administration of the University in 2006 and paid a sum of Rs.736,000 as an advance 20% out of the agreed amount. However, the contractor had not supplied the computer system as required and the performance bond of Rs.368,000 was expired on 20 February 2007. Action had not been taken to recover the loss incurred to the university due to non supplying of computer system according to the agreement from the company. (ii) A sum of Rs.22,870,727 had been paid to a private company for hiring of 110 computers for computer studies of the students during 04 years from 2007 to 2010. When considering the market price it was observed in audit that the university could have been purchased 280 computers in new versions by spending the money paid for hiring of computers for last four years. (b) Residential Facilities (i) Thirty Eight houses had been leased out on the monthly rental basis for providing residential facilities for 59 staff in the university and paid a sum of Rs.3,654,496 in the year 2010 to the house owners as rent. However only	This agreement is terminated on condition that the contractor will refund the advance payments made. Action being taken to recover. Action had been taken to obtain all non core activities from service providers as per the policy document of Corporate Plan. Instead of obtaining computers as permanent assets computers required for computer laboratory were obtained from a service provider by following procurement procedures due to following reasons - No initial investment required for purchasing of these items - Possibility to obtain the service subject to technical changes - Possibility to change computers depending on requirement of the university annually - No expenditure incurred for maintenance of permanent assets - Provision of fresh computers or updating of faulty computers in case of failure - Minimizing administrative and employment problems Due to non availability of own quarters the University had been rented the houses and provided the facility for staff. University staff should be attended to student activities more hours than other
---	--

Rs.521,762 had been recovered as rent from the staff. Accordingly the university has to incur an excess expenditure Rs.3,132,734 approximately for a year to meet rental expenditure for residents. (ii) Although the university had paid monthly electricity and water bills of the bachelors quarters in addition to the rent, no money had been charged to the residential staff of those quarters	government employees. The University cannot recover entire cost of house rent from the staff. Majority of bachelor staff members have assigned to hostel sub warden duties and other administrative functions, the University not provided additional payment for such services therefore the University has not been charged any amount as a rent from bachelor staff of the hostels and quarters.
3.2.4 Asset Management (a) Five hundred and fifty seven students hand books at a cost of Rs.172,825 had remained idle due to printing of students hand books for the years 2006, 2007 and 2009 without considering the requirements. (b) Hundred and Forty Five library books valued Rs.76,422 had been misplaced according to internal audit report of 29 June 2010. (c) Stock of 29 items of medicine in the medical centre was expired. (d) Seventy six beds and 198 mattress purchased in excess were being stored in the stores and block F building at 31 December2010. (e) Five fire resistant safes valued Rs.322,560 purchased on 30 June 2010 were lying in the stores up to 31 May 2011 unutilized	Due to non receipt of target student intake in previous years the printed student hand books had remained in the stock Complaint has been made to Badulla Police regarding the misplaced of library books and internal inquires are being carried out. Action will be taken to dispose the expired medicine These items are used for outside hostels accommodations when required. Action will be taken to utilize fire resistant safes
3.2.5 Human Resource Management (c) According to the approved cadre of the University, 07 Professor posts and 03 Grade I Senior Lectures in the	Academic Vacancies Academic vacancies were advertised and we are in the process

academic staff had not been filled from 2006 to 04 August 2011. 32 posts out of 129 posts in the academic staff were vacant at 31 December 2010. (b) Fifty Eight posts were vacant out of 82 posts in the approved nonacademic staff. (c) An acting Course Director had been appointed for the Faculty of Management from 2006 November to 04 August 2011 without the UGC approval and paid an allowance of Rs.378,000 plus transport allowance of Rs.154,419 during the year under review for a service of 37 days.	of filling the academic vacancies by end of 2011. Non Academic Vacancies We have already filled the vacancies of Two Technical Officers, store keeper and shroff. At present the clerical duties are performed by Operations Assistants on assignment basis. Action has already been initiated to fill the positions according to the approved cadre on permanent capacity. Applications were called for senior lecturer vacancy in management faculty in several occasions. However as there was no response from suitably qualified persons university was compelled to obtain services of this professor. An acting Course Director efficiently discharges following obligations with due responsibility. - Development and updating of courses in management degree program. - Guiding, directing, and supervising trainee lecturers in course activities. - Preparation of basic documents for assessment of industrial training of students and guiding these. - Conducting course committees meeting and providing leadership in respect of entrepreneurship and management degree program. - Solving problems faced by students in respect of entrepreneurship and management degree program - Supervision of research project reports of entrepreneurship and management students. Action will be taken to suspend services of this Professor immediately on recruitment of a senior lecturer for this degree program
---	---

3.2.6 Budgetary Control Significant variances were observed between the revised budget and the actual thus indicating that the budget had not been made use of as an effective instrument of management control	As we have exercised effective control over expenditure, it has resulted in favorable variation. We monitored outsourced services and contractual expenditure effectively. However it is difficult to forecast accurate income and expenditure due to development stage of the University. As per requests made by outside institutions earnings have been made by organizing & conducting special programmes. However these earnings cannot be accounted during the same year due to practical problem. Hence a favorable variation has occurred. Unfavorable variation is reflected during the last quarter due to increase of expenses for electricity, security, and telecommunication & cleaning
--	--