

ANNUAL REPORT

2009



**POSTGRADUATE INSTITUTE OF AGRICULTURE
UNIVERSITY OF PERADENIYA**

ANNUAL REPORT

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UNIVERSITY OF PERADENIYA**

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THE DIRECTOR'S MESSAGE

'Quality' will be the key word in the future development of the PGIA. It will endeavour to improve the quality of the graduate in terms of practical experience, modern knowledge and exposure to cutting edge technologies combined with classical agricultural techniques using our rich biodiversity with managerial experience - all this for the benefit of the people of our nation. Moreover, in pursuance of this 'quality' objective, the PGIA will regularly revise and upgrade the curriculum, form new working partnerships with industries and strengthen its existing linkages with industries and institutes, local as well as regional & international. Industrial training will become a part of the new curricula. The courses of study will be made more participatory in nature and problem-solving in orientation, making the graduates more suitable and useful in national development and to the industry. The UICIC will continue to play a major role in this endeavour.

An important challenge facing the PGIA is to develop disciplined, dedicated and hard working students who would devote considerable time to their studies and research and get the widest possible exposure in the relevant fields. Through such commitment, the graduates of the institute are expected to develop a strong work ethic, which should become an integral part of their character.

In order to develop a committed hard working faculty and students, institutional, academic and student discipline will be ensured by a code of conduct and ethics for staff and students. Strict observance of lecture schedules, examination dates and early release of examination results will be key objectives of the PGIA in the 21st century. The development of a committed hard working faculty and students are prime objectives of the PGIA.

The corporate Plan 2008 – 2017 is being designed to address many of the current and anticipated future issues in agriculture man power training.. The diversification of degree programmes, improvement of teaching and research capabilities and developing links with reputed local and international educational and research institutes have been envisaged in this Corporate Plan. More emphasis has been placed on industrial links to expose the student to real world situations and to make them more employable. Some infrastructural developments are already in place to accommodate more students and to expand the activities of the Institute. The Corporate Plan of the Institute emphasizes the quality of postgraduate education in the fields of Agriculture and Business Management. It addresses the quality of the learning process and the scholarly standing of the Institute. It specifies the objectives and strategies to achieve the highest academic standards. The Institute will dedicate itself to achieve the goals specified in this Corporate Plan in the next decade and to become a renowned center of excellence in agricultural education in the Asian region.

Partnerships will be pillars for further development of the Institute. They are durable strategic alliances to elevate the Institute to a **Centre of Excellence** in higher education in Agriculture and Business Management nationally and in the region.

In partnership with the Faculty of Agriculture, the PGIA will dedicate itself to achieve the goals specified in its Corporate Plan in the next decade to become a renowned Center of Excellence in agricultural education in the Asian region.

Prof. A.L.T. Perera
Director
Postgraduate Institute of Agriculture

Vision

To be a Centre of Excellence in Postgraduate Education, Research and Outreach in Agriculture and Related Fields to Serve the Needs of Government, Industry and the Global Community .

Mission

To be a National and Regional Centre for Postgraduate Education, Research and Outreach by Providing a Theoretically Sound and Practically Oriented Training to Produce Competent, Innovative and Dedicated Persons to Foster National Development of Agriculture and Allied Fields

I. LEGISLATION

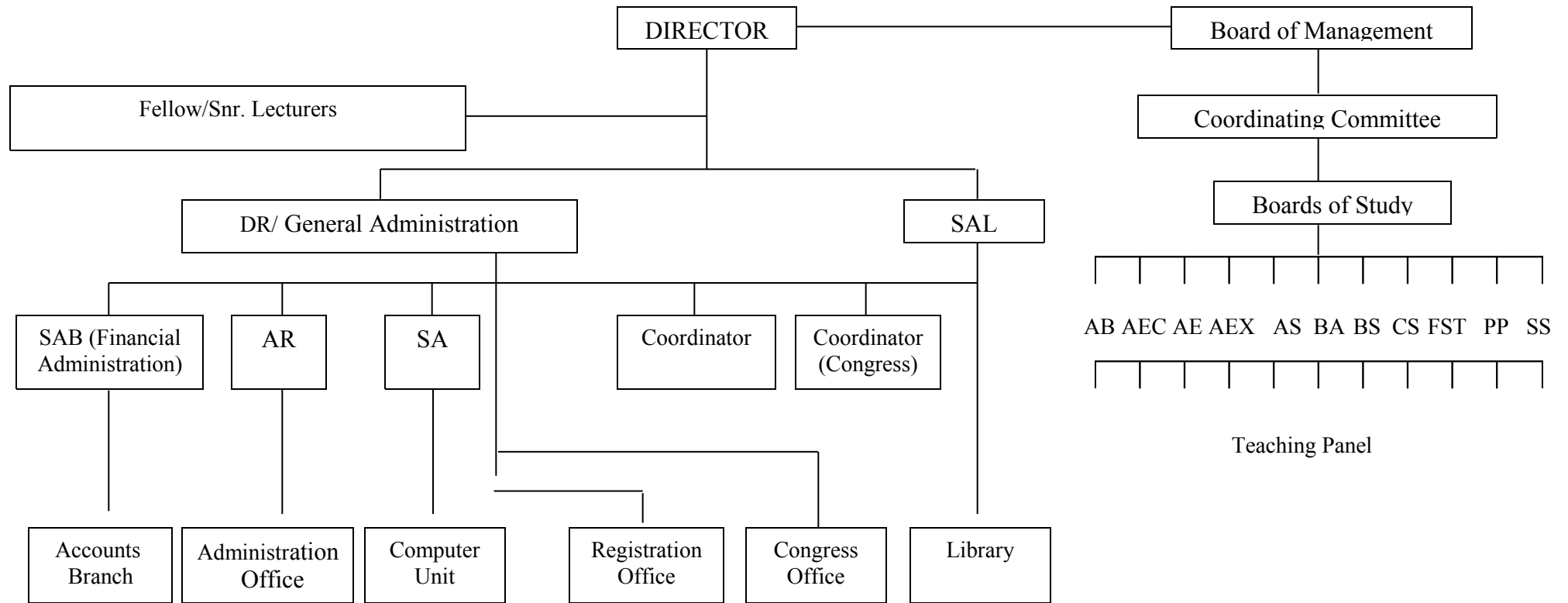
The PGIA, in terms of the Ordinance No. 9 of 1979, functions as an organization within the University of Peradeniya, under the direction of its Board of Management.

Objectives

The initiations taken by the Faculty of Agriculture, under the Deanship of Prof. R.R. Appadurai, have to be emphasized at this juncture. It is the Faculty of Agriculture that actually gave 'birth' to the PGIA as the postgraduate 'arm' of the Faculty. Prof. R.R. Appadurai was appointed as the 1st Director of the PGIA on 29th June 1975 who simultaneously held the position of the Dean of the Faculty of Agriculture. The rules and regulations governing the postgraduate degrees to be offered by the Institute were approved by the Council of Management in January 1976. Six Boards of Study were constituted then, namely Crop Science, Animal Science, Agricultural Biology, Agricultural Chemistry, Agricultural Economics and Extension and Agricultural Engineering.

With over 20 postgraduate programmes being offered, in addition to Diploma programmes, and the best possible experts in the country from the public and private sector being engaged as resource persons, the PGIA in the real sense is a 'Postgraduate University'.

II. ORGANIZATIONAL STRUCTURE



Staff

DR - Deputy Registrar
 SAB - Senior Asst. Bursar
 SAL - Senior Asst. Librarian
 AR - Asst. Registrar
 SA - Systems Analyst

Boards of Study

AB - Agricultural Biology
 AEC - Agricultural Economics
 AE - Agricultural Engineering
 AEX - Agricultural Extension
 AS - Animal Science
 BA - Business Administration

BS - Bio-Statistics
 CS - Crop Science
 FST - Food Science & Technology
 PP - Plant Protection
 SS - Soil Science

ADMINISTRATIVE STAFF

- Director** : Prof. A.L.T. Perera, B.Sc. Agric. (Peradeniya), M.Sc. (Obihiro), Ph.D. (Birmingham)
- Assistant Registrar** : Ms. M.S. Ranasinghe, Attorney-at-Law, LL.B. (OUSL)
- Senior Assistant Bursar** : Mr. C.M. Wanniarachchi, B.Sc. (Accountancy) (Spe.) (Sri J'pura), SCMA (Adv. Diploma), PGD (Business Mgt.), ICMA (Aus.)
- Senior Assistant Librarian** : Ms. I. Mudannayake, B.A. (Ceylon), A.S.L.L.A., M.L.S. (Philippines)

III. BOARD OF MANAGEMENT AND COMMITTEES

MEMBERS OF THE BOARD OF MANAGEMENT

1. Prof. A.L.T. Perera Director/PGIA as the Chairman
2. Mr. P. Ranepura Addl. Secretary representing Secretary, Ministry of Higher Education
3. Mrs. C.S. Kumarasinghe Addl. Director General, National Budget representing Secretary, Ministry of Finance
4. Mr. T.M. Abeywickrema Secretary, Ministry of Agriculture
5. Mrs. W.K.P. Dias Senior Asst. Secretary representing Secretary, Ministry of Plantation Industries
6. Mr. W.M. Wijesuriya Secretary, Ministry of Environment
7. Dr. S. Fernando Conservator General of Forests
8. Prof. Rohan Rajapakse Executive Director, Council for Agricultural Research Policy
9. Dr.(Ms.) Jinadari de Zoysa Director General of Agriculture
10. Dr.(Ms.) H.M.S.P. Herath Director General, Department of Animal Production & Health
11. Dr. W.D.L. Gunaratne Director, Department of Export Agriculture
12. Dr. S. Abeysinghe Director, Tea Research Institute
13. Prof.(Ms.) P. Abeynayake Dean, Faculty of Vet. Medicine & Animal Science
14. Dr. K. Samarasinghe Dean, Faculty of Agriculture, University of Peradeniya
15. Dr.(Ms.) P.A. Weerasinghe Dean, Faculty of Agriculture, Rajarata University
16. Prof. D.P.T.S.G. Attanayake Dean, Faculty of Agriculture, Wayamba University
17. Dr. A.A.Y. Amarasinghe Dean, Faculty of Agriculture, University of Sabaragamuwa
18. Prof. T. Serasinghe Dean, Faculty of Agriculture, University of Ruhuna
19. Dr. K. Premakumar Dean, Faculty of Agriculture, Eastern University
20. Dr. S. Sivachandiran Dean, Faculty of Agriculture, Jaffna University

Elected Members of the Faculty of Agriculture

21. Prof. (Ms.) D.C. Bandara Board of Study in Agricultural Biology
22. Dr.(Ms.) J. Weerahewa Board of Study in Agricultural Economics
23. Prof. R.P. de Silva Board of Study in Agricultural Engineering
24. Dr. W.A.D.P. Wanigasundara Board of Study in Agricultural Extension
25. Dr. C.M.B. Dematawewa Board of Study in Animal Science
26. Prof. R.O. Thattil Board of Study in Bio-Statistics
27. Dr. S. Kodituwakku Board of Study in Business Administration
28. Prof. U.R. Sangakkara Board of Study in Crop Science
29. Prof. (Ms.) C. Illeperuma Board of Study in Food Sc. & Technology
30. Prof. J.M.R.S. Bandara Board of Study in Plant Protection

31. Dr. (Ms.) C. Rajapakse Board of Study in Soil Science

Members Appointed by the University Grants Commission

32. Dr. D.B.T. Wijeratne
33. Prof. B.S.P. Karunaratne
34. Mr. V.K. Nanayakkara
35. Mr. N. Selvakkumaran

MEMBERS OF THE COORDINATING COMMITTEE

1. Prof. A.L.T. Perera, Director/PGIA as the Chairman
2. Dr. K. Samarasinghe, Dean, Faculty of Agriculture
3. Ms. I. Mudannayake, Senior Asst. Librarian/PGIA

Elected Professors of the Faculty of Agriculture

4. Prof. Ms.) D.C. Bandara
5. Prof. C. Bogahawatte
6. Prof. W.A.J.M. de Costa
7. Prof. R.O. Thattil
8. Prof. U. Samarajeewa
9. Prof. C. Sivayoganathan
10. Prof. B.F.A. Basnayake
11. Prof. M.N.M. Ibrahim
12. Prof. R.B. Mapa

Chairpersons & Secretaries of Boards of Study

- | | | |
|-----------------------------------|---------------|--|
| 13. Dr.(Ms) R.P. Karunagoda | - Chairperson | } Board of Study in Agric. Biology |
| 14. Dr.(Ms.)H.A.M. Wickramasinghe | - Secretary | |
| 15. Prof. C. Bogahawatte | - Chairperson | } Board of Study in Agric. Economics |
| 16. Dr. L.H.P. Gunaratne | - Secretary | |
| 17. Dr. S. Pathmarajah | - Chairperson | } Board of Study in Agric. Engineering |
| 18. Dr. K.S.P. Amaratunga | - Secretary | |
| 19. Dr. H.V.A. Wickramasuriya | - Chairperson | } Board of Study in Agric. Extension |
| 20. Dr. Saliya de Silva | - Secretary | |
| 21. Dr. U. Edirisinghe | - Chairperson | } Board of Study in Animal Science |
| 22. Dr. K.F.S.T. Silva | - Secretary | |
| 23. Dr. L.H.P. Gunaratne | - Chairperson | } Board of Study in Biostatistics |
| 24. Dr. T. Sivananthawerl | - Secretary | |
| 25. Dr. K.A.S.S. Kodituwakku | - Chairperson | } Board of Study in Business Admn. |
| 26. Dr.(Ms.) Shamala Kumar | - Secretary | |
| 27. Dr. S.P. Nissanka | - Chairperson | } Board of Study in Crop Science |
| 28. Prof.(Ms.) S.E. Peiris | - Secretary | |
| 29. Dr. D.G.N.G. Wijesinghe | - Chairperson | } Board of Study in Food Sc. & Tech. |
| 30. Dr. B.D.R. Prasantha | - Secretary | |
| 31. Prof. J.M.R.S. Bandara | - Chairperson | } Board of Study in Plant Protection |
| 32. Dr.(Ms.) Devika de Costa | - Secretary | |

33. Prof.(Ms.) C. Rajapakse - Chairperson
 34. Dr. W.A.U. Vitharana - Secretary } Board of Study in Soil Science

MEMBERS OF THE BOARDS OF STUDY

<u>Board of Study</u>	<u>Members elected by the Faculty of Agriculture</u>	<u>Members appointed by the Board of Management</u>
Agricultural Biology	Prof. (Ms.) D.C. Bandara Dr.(Ms.) R.P. Karunagoda * Dr.(Ms.) H.A.M. Wickremasinghe** Dr. V. A. Sumanasinghe Dr.(Ms.) I. P. Wickremasinghe	Dr. D.H. Muthukudaarachchi Dr. (Ms.) S. Ranasinghe Dr. Neil Fernandopulle
Agricultural Economics	Prof. C. Bogahawatte * Prof. S. Thiruchelvam Dr. L.H.P. Gunaratne ** Dr. S. Kodituwakku	Dr. Kamal Karunagoda Dr. N. Sanderatne Mr. P. Weligamage
Agricultural Engineering	Prof. B.F.A. Basnayake Prof. R.P. De Silva Dr. S. Pathmarajah * Dr. K.S.P. Amaratunga ** Dr. L.W. Galagedera	Dr. S.L. Amarasiri Dr. B.V.R. Punyawardena Dr. Udith Rathnayake
Agricultural Extension	Prof. C. Sivayoganathan Dr. W.A.D.P. Wanigasundara Dr. J.A.S. de Silva ** Dr. H.V.A. Wickramasuriya * Dr. H.M.G.S.B. Hitinayake	Dr. B.M.K. Perera Mr. Ben Manickam Mr. H.M. Mankotte Prof. M. Wijeratne
Animal Science	Prof. M.N.M. Ibrahim Prof. M.P.B. Wijayagunawardena Dr. U. Edirisinghe * Dr. K.F.S.T. Silva ** Dr. C.M.B. Dematawewa	Prof. W.T.D.B. Wanninayake Dr. J. Dharmawardena Mr. A.V.P. Silva
Business Administration	Dr. K.A.S.S. Kodituwakku * Dr. (Ms.) Shamala Kumar ** Dr. L.H.P. Gunaratne Dr. J.A.S. de Silva	Dr. N. Sanderatne Mr. M. Senanayake Mr. Faiz-Ur Rahman
Bio-Statistics	Prof. R.O. Thattil Prof. S. Samita Dr. L. H. P. Gunaratne * Dr. T. Sivananthawerl ** Dr. C.M.B. Dematawewa	Dr. T.S.G. Pieris Dr. Sumith Abeysiriwardena Dr. Sarath Ranaweera
Crop Science	Prof. U.R. Sangakkara Prof. W.A.J.M. de Costa Prof. (Ms.) S.E. Peiris ** Dr. N.A.A.S.P. Nissanka * Dr. H.M.G.S.B. Hitinayake	Prof. S.J.B.A. Jayasekera Dr. W.M.A. Weerakoon Dr. Sumith Abeysiriwardena

* *Chairperson*

** *Secretary*

<u>Board of Study</u>	<u>Members elected by the Faculty of Agriculture</u>	<u>Members appointed by the Board of Management</u>
Food Science Technology	Prof. (Ms.) D.C.K. Illeperuma Prof. U. Samarajeewa Dr. D.G.N.G. Wijesinghe * Dr. B.D.R. Prasantha ** Dr. J.A.L.P. Jayakody	Prof. R. Sivakaneshan Dr. Renuka Silva Dr. K.H. Sarananda
Plant Protection	Prof. (Ms.) D. Ahangama Prof. J. M. R. S. Banadara * Dr. (Ms.) D.M. de Costa ** Dr. K.S. Hemachandra Mr. H.N.P. Wijayagunasekara	Dr. (Ms.) Jinadari de Zoysa Dr. L. Nugaliyadda Mr. Athauda Jayawardena
Soil Science	Prof. A.N. Jayakody Prof. R.B. Mapa Prof. W.A.J.M. de Costa Dr. (Ms.) R.M.C.P. Rajapakse * Dr. W.A.U. Vitharana **	Dr. Saman Dharmakeerthi Dr. W.M.A.D.B. Wickramasinghe Mr. K.M.A. Kendaragama

* *Chairperson*

** *Secretary*

MEMBERS OF THE AUDIT & MANAGEMENT COMMITTEE

1. Mrs. C.S. Kumarasinghe, Addl. Director General, National Budget
2. Dr. W.D.L. Gunaratne, Director, Dept. of Export Agriculture
3. Internal Auditor, University of Peradeniya
4. Deputy Registrar / PGIA
5. Government Audit Superintendent (Observer)

MEMBERS OF THE FINANCE COMMITTEE

1. Director / PGIA
2. Mrs. C.S. Kumarasinghe, Addl. Director General, National Budget
3. Dean, Faculty of Agriculture, University of Peradeniya
4. Dr.(Ms.) H.M.S.P. Herath
5. Senior Asst. Bursar / PGIA

IV. GROWTH OF THE INSTITUTE

1. STUDENT ENROLMENT

During the past 30 years the Institute has made considerable progress in student enrollments. During the 1st year, only 19 students registered out of 30 selected applicants. The number of students registering annually increased from 28 in 1978 to over 300 in 2000, over 400 in 2005 to a record 505 in 2007 which was targeted in the Corporate Plan of the Institute. PGIA student population includes graduates from almost all the different faculties including Veterinary Medicine & Animal Science, Arts, Science, Medicine etc. as well as foreign students.

Many foreign students have successfully completed postgraduate programmes at the PGIA. The institute offers concession rates to students from SAARC countries as well as to others who deserve such. Those who have already completed their postgraduate degrees from the PGIA include students from Bangladesh, India, Peoples' Republic of China, Nepal, Myanmar and Oman

In the year 2009, 857 applications were received for postgraduate degree programs. An aptitude test was conducted in order to select quality candidates and 523 were granted admission (Table 1). Of them, the total number of students registered in the academic year 2009/2010 was 464 (Fig. 1).

Table 1. Student Enrolments at the PGIA during the last 12 years

Year of Entry	Total Admission	Number of Students Registered		
		Male	Female	Total
1998	201	-	-	163
1999	255	-	-	201
2000	413	-	-	326
2001	427	-	-	302
2002 *	529	192	187	379
2003	576	220	157	377
2004	578	156	214	370
2005	753	235	233	468
2006	514	207	216	423
2007	552	262	243	505
2008	452	184	235	419
2009	523	240	224	464

* Data on Male/Female are given after the Year 2002

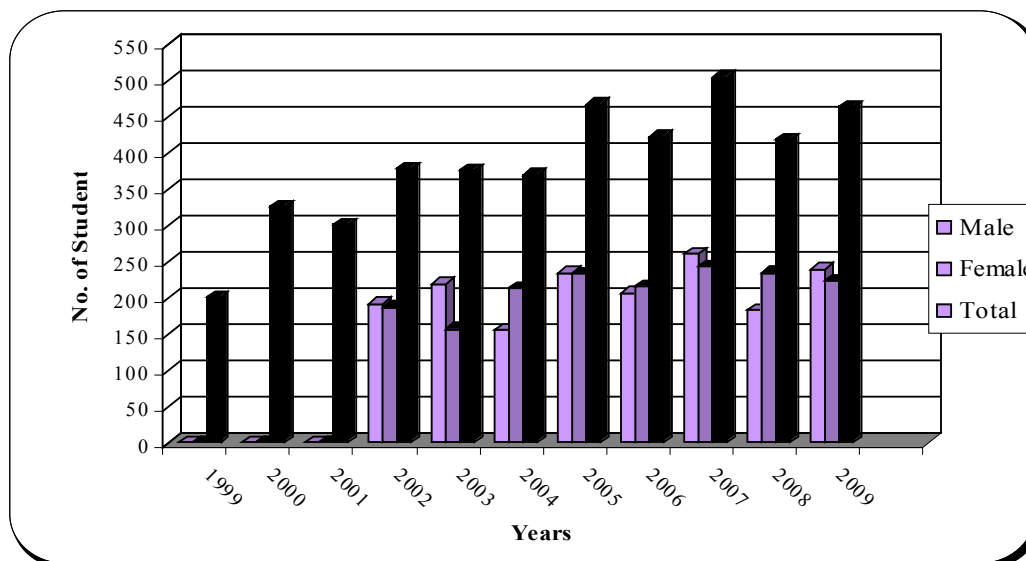


Fig.1: Student registrations during the last 12 years

2. PROGRAMMES AND COURSES

Area of Specialization

Among the students registered during the year 2009, the highest demand Degree Programmes were M.Sc. in Organizational Management and Master of Business Administration (MBA) with a total enrolment of 52 students (Table 2). The other degree programmes that had high demands were M.Sc. in Integrated Water Resources Management (28), M.Sc. in Crop Science (25) and Natural Resource Management (25). Among the total enrolment, 80% was for M.Sc., 11% for MBA, 6% for M.Phil. and 3% for Ph.D. degrees (Fig. 2).

Table 2. Student Enrolments in Different Degree Programmes as at 31st December, 2009

Area of Specialization	M.Sc	MBA	M.Phil.	Ph.D.	Total
Board of Study in Agricultural Biology					
Agricultural Biology	05	-	-	-	05
Biotechnology	10	-	-	-	10
By Course Work & Research	-	-	01	-	01
	15	-	01	-	16
Board of Study in Agricultural Economics					
Agricultural Economics	18	-	-	-	18
Natural Resource Management	25	-	-	-	25
By Course Work & Research	-	-	04	01	05
By Research	-	-	-	02	02
	43	-	04	03	50
Board of Study in Agricultural Engineering					
Agricultural & Biosystems Engineering	07	-	-	-	07
Integrated Water Resource Management	28	-	-	-	28
By Course Work & Research	-	-	07	01	08
By Research	-	-	-	03	03
	35	-	07	04	46
Board of Study in Agricultural Extension					
Development Communication & Extension	16	-	-	-	16
Organizational Management	52	-	-	-	52
By Course Work & Research	-	-	02	01	03
By Research	-	-	01	-	01
	68	-	03	01	72

Area of Specialization	M.Sc	MBA	M.Phil.	Ph.D.	Total
Board of Study in Animal Science					
Animal Science	23	-	-	-	23
Aquatic Bio-resources Mgt.& Aquaculture	06	-	-	-	06
Dairy & Meat Product Technology	21	-	-	-	21
Poultry Science & Technology	02	-	-	-	02
By Course Work & Research	-	-	03	01	04
	52	-	03	01	56
Board of Study in Bio-Statistics					
Applied Statistics	10	-	-	-	10
Bio-Statistics	07	-	-	-	07
By Course Work & Research	-	-	02	-	02
By Research	-	-	01	01	02
	17	-	03	01	21
Board of Study in Business Administration					
M.B.A.	-	52	-	-	52
	-	52	-	-	52
Board of Study in Crop Science					
Crop Science	25	-	-	-	25
Environmental Forestry	07	-	-	-	07
Floriculture & Landscape Architecture	09	-	-	-	09
By Course Work & Research	-	-	02	-	02
By Research	-	-	-	01	01
	41	-	02	01	44
Board of Study in Food Sc. & Technology					
Food Science & Technology	22	-	-	-	22
Food & Nutrition	21	-	-	-	21
By Course Work & Research	-	-	05	-	05
	43	-	05	-	48
Board of Study in Plant Protection					
Molecular & Applied Microbiology	15	-	-	-	15
Plant Protection Technology	13	-	-	-	13
By Research	-	-	01	03	04
	28	-	01	03	32
Bard of Study in Soil Science					
Environmental Soil Science	16	-	-	-	16
By Research	-	-	-	01	01
	16	-	-	01	17
Casual	-	-	-	-	10
TOTAL	358	52	29	15	464

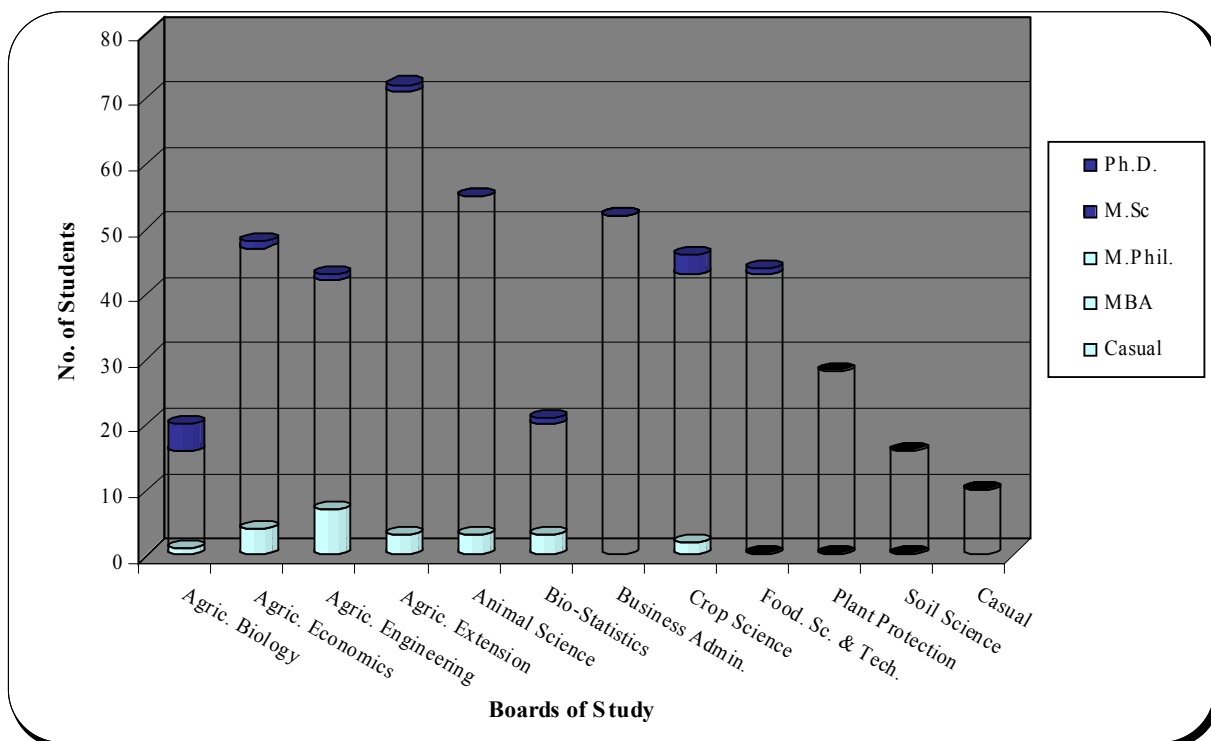


Fig.2: Student registrations under different Boards of Study - 2009

The total number of registered students of the Institute up to the year ended 31st December, 2009 was 4147 (Table 3). Among them, 3050 students have registered for M.Sc. degree programmes, 604 for MBA, 329 for M.Phil. and 154 for Ph.D. degrees. The highest number of students (609) had registered in the Board of Study in Business Administration. Board of Study in Agricultural Extension had 552 while 549 students had registered in the Board of Study in Agricultural Economics.

Table 3. Total Number of Students Registered up to the Year Ended 31st December, 2009

Board of Study / Area of Specialization	M.Sc.	MBA	M.Phil.	Ph.D.	Total
Agricultural Biology	38	-	26	8	72
Biotechnology	138	-	-	8	146
Plant Genetics Resources Conservation	7	-	-	-	7
Agricultural Economics	136	-	45	27	208
Environmental. Economics	95	-	-	1	96
Natural Resource Management	245	-	-	-	245
Agricultural Engineering	21	-	36	19	76
Agricultural & Biosystems Engineering	41	-	9	-	50
Geo-Information Systems	57	-	-	-	57
Integrated Water Resource Management	147	-	29	-	176
Special Agricultural & Biosystems Engineering	03	-	-	-	03
Special Geo-Information Systems	04	-	-	-	04
Agricultural Extension	24	-	20	16	60
Development Communication & Extension	119	-	3	-	122
Organizational Management	366	-	4	-	370
Animal Science	125	-	26	14	165
Aquatic Bio-resource Mgt. & Aquaculture	84	-	6	2	92
Dairy & Meat Product Technology	77	-	-	2	79
Meat Science	5	-	-	-	5
Poultry Science and Technology	30	-	-	-	30
Bio-Statistics	58	-	36	11	105
Applied Statistics	59	-	-	-	59
Business Administration	-	604	-	5	609
Crop Science	288	-	34	20	342
Agroforestry	11	-	2	-	13
Environmental Forestry	37	-	-	-	37
Floriculture & Landscape Architecture	149	-	-	-	149
Food Science & Technology	218	-	26	5	249
Food & Nutrition	172	-	-	-	172
Plant Protection	31	-	21	10	62
Molecular & Applied Microbiology	108	-	-	-	108
Plant Protection Technology	57	-	-	-	57
Soil Science	19	-	6	6	31
Environmental Soil Science	64	-	-	-	64
Tropical Soil Management	17	-	-	-	17
Casual	-	-	-	-	10
Total	3050	604	329	154	4147

Graduation (Student output)

Table 4 & Fig. 3 reveal the total number of students who graduated during the last 34 years.

Table 4. Postgraduate degrees completed during the last 34 years

Year	M.Sc.	MBA.	M.Phil.	Ph.D.	Total	Accumulated Total
1976-1992	302	-	137	20	459	459
1993	8	-	9	-	17	476
1994	10	-	12	2	24	500
1995	15	-	7	-	22	522
1996	26	-	5	2	33	555
1997	42	-	5	1	48	603
1998	36	-	11	-	47	650
1999	37	-	8	2	47	697
2000	25	3	9	2	39	736
2001	55	10	15	1	81	817
2002	83	3	13	2	101	918
2003	110	3	10	2	125	1043
2004	132	8	10	1	151	1194
2005	138	8	10	5	161	1355
2006	178	2	17	4	201	1556
2007	197	6	11	5	219	1775
2008	186	6	11	7	210	1985
2009	169	10	12	02	193	2178
Total	1749	59	312	58	2178	

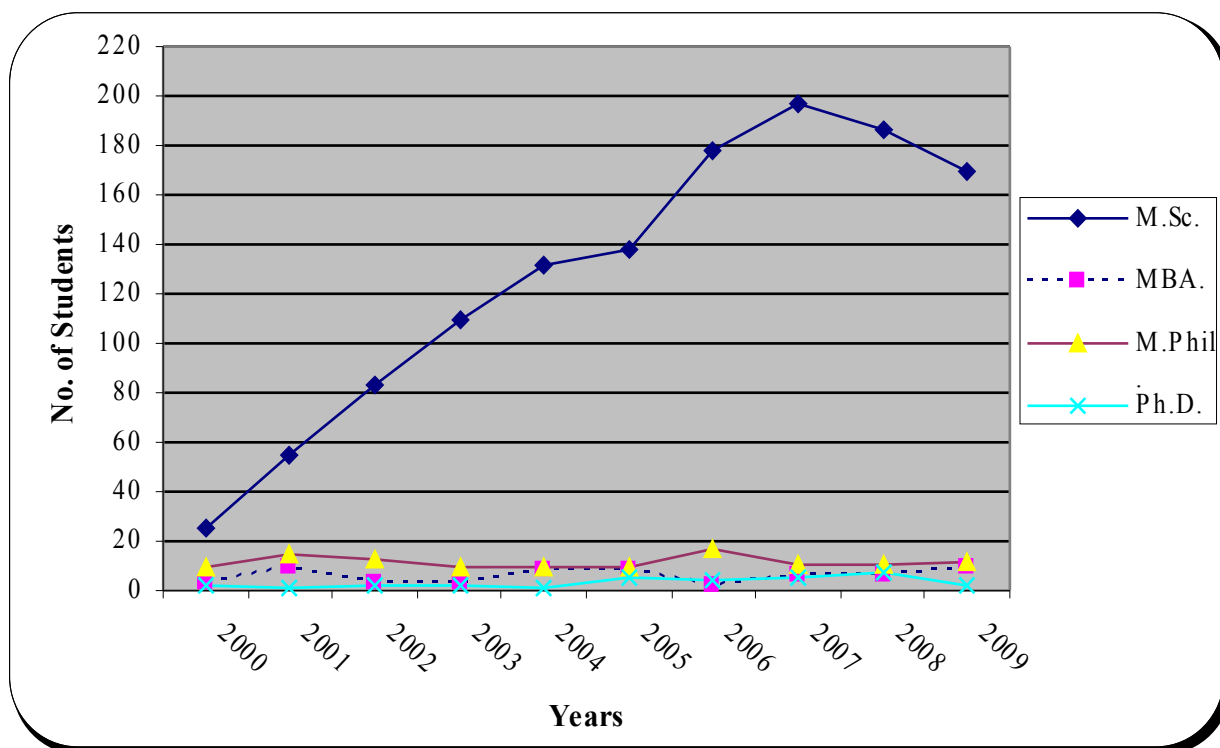


Fig.3: M.Sc., MBA., M.Phil. and Ph.D. Degrees offered during the last 10 years

During the year 2009, 205 PGIA students (including 12 diplomas) completed their degree programmes (Table 5). Among them, there were 169 M.Sc., 10 MBA, 12 M.Phil. and 02 Ph.D. degrees.

Table 5. Postgraduate degrees completed during 2009

Board of Study	M.Sc.	MBA	M.Phil.	Ph.D.	Diploma	Total	
						Male	Female
Agricultural Biology	08	--	--	--	--	02	06
Agricultural Economics	24	--	--	--	01	13	12
Agricultural Engineering	29	--	04	01	--	19	15
Agricultural Extension	22	--	--	01	03	08	18
Animal Science	10	--	01	--	01	10	02
Bio-Statistics	03	--	01	--	02	03	03
Business Administration	--	10	--	--	02	07	05
Crop Science	34	--	05	--	--	11	28
Food Science & Technology	24	--	01	--	02	09	18
Plant Protection	08	--	--	--	01	03	06
Soil Science	07	--	--	--	--	--	07
Total	169	10	12	02	12	85	120

Masters Degrees Awarded in the Year 2009

Board of Study in Agricultural Biology

1. Ms. M.R.P. Kurukulasooriya (M.Sc. in Agricultural Biology)
2. Ms. R.S. Ranaweera - do -
3. Ms.G.D.G. Chaturani (M.Sc. in Biotechnology)
4. Ms. R.M.L.K. Ratnayake - do -
5. Ms. D.D. Senavirathne - do -
6. Ms. V.N. Jayawickrama - do -
7. Mr. B.H.W.K. Hettiarachchi - do -
8. Mr. R.T.S.T.M.R.R.N. Tennekoon - do -

Board of Study in Agricultural Economics

1. Ms.V.D.N. Ayoni (M.Sc. in Environmental Economics)
2. Ms.D.M.J.K. Dissanayake - do -
3. Mr. S.N.S.L.H.P. Neelawala - do -
4. Ms. V.H.S.H. Abeyasinghe (M.Sc. in Natural Resource Management)
5. Ms. S.P.K. Samarasinghe - do -
6. Ms. H.M.I.M. Kumari - do -
7. Ms. W.M.T.D. Weerakoon - do -
8. Ms. C.M.N. Ranasinghe - do -
9. Mr. K.H.G.M.P. Dharmasena - do -
10. Mr. J.M.T.P.K. Jayakody - do -
11. Mr. R. Abeywardhana - do -
12. Mr. V.M.B.A. Priyantha - do -
13. Mr. K.U.H. Wanigasinghe - do -
14. Mr. D.L.N. Indika - do -
15. Mr. J.R. Sudasinghe - do -
16. Mr. W.P.S. Perera - do -
17. Ms.A.M.S. Perera (M.Sc. in Agricultural Economics)
18. Ms. J.M.R.R.K. Jayasundara - do -
19. Ms. A.U.H. Gunawardena - do -
20. Ms. S.D.S. Hemachandra - do -
21. Ms. P.I.N. Fernando - do -
22. Mr. R.D.D.P. Rajapaksa - do -
23. Mr. R.S.A. Ranasinghe - do -
24. Mr. W.U.P. Premachandra (M.Sc.)

Board of Study in Agricultural Engineering

1. Ms.H.G.U. Sewwandi (M.Sc. in Integrated Water Resources Management)
2. Ms. K.A.M. Nayana Kumari - do -
3. Ms. M.D.M. Gunawardhana - do -
4. Ms. G.S. Ratnayake - do -
5. Ms. P.D.S.N. Somarathna - do -
6. Ms. A.I. Arandara - do -
7. Ms. A.D.G. Udeni - do -
8. Mr. D.M.W. Dissanayake - do -
9. Mr. K.G.W. Gunawardena - do -
10. Mr. N. Ranasinghe - do -
11. Mr. K. Thayanathan - do -

- | | |
|-------------------------------|---|
| 12. Mr. Y. Ketheesan | - do - |
| 13. Mr. K. Vasanthan | - do - |
| 14. Mr. H.T.R. Wijesooriya | - do - |
| 15. Ms.I.H. Jayasinghe | <i>(M.Sc. in Agricultural & Biosystems Engineering)</i> |
| 16. Ms. S.G.R.T.K. Ariyawansa | - do - |
| 17. Mr. J.A.U. Wishwajith | - do - |
| 18. Mr. S.A.D.N. Seneviratne | - do - |
| 19. Mr. H.A.Y.R. Gunarathna | - do - |
| 20. Mr. S.P. Kannangara | - do - |
| 21. Mr. H.R. Walpita | - do - |
| 22. Ms.I.N. Metiwalage | <i>(M.Sc. in Geo-Informatics)</i> |
| 23. Ms. C.J. Wijesundara | - do - |
| 24. Ms. U.N. Jinadasa | - do - |
| 25. Ms. M. Hewavitharana | - do - |
| 26. Mr. B.S. Mallikarachchi | - do - |
| 27. Mr. B. Umashanthan | - do - |
| 28. Mr. M.D.A. Nandana | - do - |
| 29. Mr. U.V. Saman Rohitha | <i>(M.Sc. (Agric.))</i> |

Board of Study in Agricultural Extension

- | | |
|-------------------------------|---|
| 1. Ms.W.M.K.K. Karunaratne | <i>(M.Sc. in Organizational Management)</i> |
| 2. Ms. W.M.S.N. Chandani | - do - |
| 3. Ms. R.A.I.S. Ranatunga | - do - |
| 4. Ms. S. Tharshini | - do - |
| 5. Ms. N.C. Dasanayke | - do - |
| 6. Ms. S.K.A. Wickramasuriya | - do - |
| 7. Ms. W.A.C. Wickramathilake | - do - |
| 8. Ms. P. Subramaniam | - do - |
| 9. Ms. K.L.G.L. Priyanganie | - do - |
| 10. Ms. L.P.M. Wijekoon | - do - |
| 11. Ms. C.S.K. Galahitiyawa | - do - |
| 12. Ms. W.A.D. Nayananjali | - do - |
| 13. Ms. A.M.D.R. Amarakoon | - do - |
| 14. Ms. N.W.R.V.N. Bandara | - do - |
| 15. Ms. M.A.S.K. Gunawardane | - do - |
| 16. Mr. K. Renugapathy | - do - |
| 17. Mr. D.M. Ranasinghe | - do - |
| 18. Ms. K.A.G.K. Thilakaathne | <i>(M.Sc. in Development Communication & Extension)</i> |
| 19. Mr. C.S. Punchibandara | - do - |
| 20. Mr. N. Ravichandran | - do - |
| 21. Mr. C. Gajanayake | - do - |
| 22. Mr. I.R.D. Perera | - do - |

Board of Study in Animal Science

- | | |
|----------------------------|--|
| 1. Mr. M.A.R. Priyantha | <i>(M.Sc. in Dairy & Meat Product Technology)</i> |
| 2. Mr. H.K. Balasooriya | - do - |
| 3. Mr. M.P.K. Jayaratna | <i>(M.Sc. in Dairy Science & Technology)</i> |
| 4. Ms. W.A.L. Arunodini | <i>(M.Sc. in Aquatic Bio-resources Mgt. & Aquaculture)</i> |
| 5. Mr. M. Nakkeeran | - do - |
| 6. Mr. E. Satkunan | - do - |
| 7. Mr. R.K.P.N. Indunil | - do - |
| 8. Mr. E.S. Wickramasinghe | - do - |
| 9. Mr. W.U.I.K. Lenarolle | - do - |

10. Mr. L.K.H. Kankanamge (M.Sc. in Aquaculture)

Board of Study in Bio-Statistics

1. Ms. S.U. Gunadasa (M.Sc. in Bio-Statistics)
2. Mr. M.U. Mohamed Anas - do -
3. Mr.M.D.N. Gunaratne (M.Sc. in Applied Statistics)

Board of Study in Business Administration

1. Ms. C.K. Dissanayake (Master of Business Administration)
2. Ms. N.K. Liyanapatabandi - do -
3. Ms. B.R. Walisinghe - do -
4. Ms. M.G.P.D. Menike - do -
5. Ms. T.M.P.I.M. Tennakoon - do -
6. Mr.C.I. Kurukulasuriya - do -
7. Mr. W.M.R. Tissera - do -
8. Mr. N. Nilwala - do -
9. Mr. D.M.N. Dewagiri - do -
10. Mr. V.P. Balasuriya - do -

Board of Study in Crop Science

1. Ms.M.C.K. Premarathna (M.Sc. in Floriculture & Landscape Architecture)
2. Ms. K.A.A.I. Jayaratne - do -
3. Ms. S.N.M.N.S. Thilakarathne - do -
4. Ms. C. Amarakoon - do -
5. Ms. W.M.D.K. Wijerathnayake - do -
6. Mr. L.G.D.C.K. Gamage - do -
7. Mr. R.D. Rajapaksha - do -
8. Mr. P.K.J.L.C. Fernando - do -
9. Mr. P.G.S.H. Kumara - do -
10. Mr. M.G. Aberathna - do -
11. Mr. A.S.Y.P. Ranasingha - do -
12. Ms. S.R.W.M.C.J.K. Ranawana (M.Sc. in Crop Science)
13. Ms.D.K. Wijayarathne - do -
14. Ms. S.A.C.C. Subasinghe - do -
15. Ms. M.G.N. Sandamalee - do -
16. Ms. H.J. Sumithra - do -
17. Ms. G.S.K. Henagge - do -
18. Ms. R.M.N.T. Amarasinghe - do -
19. Ms. L.A.S.P. Jayasinghe - do -
20. Ms. R.P.N.L. Rajapaksha - do -
21. Ms. M.A. Shanthi - do -
22. Ms. P.E. Kaliyadasa - do -
23. Ms. S.S. Paththinige - do -
24. Ms. K.A.S. Karunaarachchi - do -
25. Ms. R.J.K.N.P. Samarasinghe - do -
26. Ms. H.R.P. Vilasini - do -
27. Ms. P.G. Yasamali - do -
28. Ms. M.A.R.A. Mandanayake - do -
29. Ms. U.D.D. Damayanthi - do -
30. Ms. R.M.I.E. Bandara - do -
31. Ms. D.P. Kodituwakku - do -

32. Mr. P.G.B.A. Palkadapala - do -
33. Mr. W. Sugeeshwara Nath - do -
34. Mr. T.C. Jayalath - do -

Board of Study in Food Science & Technology

1. Ms.P.D.D.N. Anuradha (*M.Sc. in Food & Nutrition*)
2. Ms. R.M.L.R. Thilakarathne - do -
3. Ms. M.R.S. Peiris - do -
4. Ms. T.R. Abhayagunaratne - do -
5. Ms. H.H.A. Malkanthi (*M.Sc. in Food & Nutrition*)
6. Ms. M.N.S. Jayaweera - do -
7. Mr. C.P. Batawala - do -
8. Mr. K.M.W. Kadudunkorala - do -
9. Ms.J.M.K.N. Jayasooriya (*M.Sc. in Food Science & Technology*)
10. Ms. T. Thushanthini - do -
11. Ms. D.V.M. Perera - do -
12. Ms. L.A.C.K. Nimalaratne - do -
13. Ms. A.B.G. Silva - do -
14. Ms. K.P.G.K.T. Guruge - do -
15. Ms. D.M.M.P. Dissanayake - do -
16. Ms. S.S. Gunaratne - do -
17. Mr. R.K.W. Ranketh Kumbura - do -
18. Mr. K.K.I.S. De Alwis - do -
19. Mr. A.M.N.P. Bandara - do -
20. Mr. U.G. Chandrajith - do -
21. Ms.I.D. Sirimanne (*M.Sc. in Agriculture*)
22. Ms. S. Jayatilake - do -
23. Mr. D.A.L. Keerthiratne - do -
24. Mr. J.M.S.C. Samarasinghe - do -

Board of Study in Plant Protection

1. Ms.D.S.C.L. Ariyasinghe (*M.Sc. in Molecular & Applied Microbiology*)
2. MsP.V.D.J. Ariyawansa - do -
3. Ms. W.M.U. Chandrasena - do -
4. Ms. T.S. Adikari - do -
5. Mr. S.T. Pradeep - do -
6. Ms.M.G. Fonseka (*M.Sc. in Plant Protection Technology*)
7. Ms. R.N.N. Perera - do -
8. Mr. D.M.N.P. Kumara - do -

Board of Study in Soil Science

1. Ms. K. Pathmanathan (*M.Sc. in Environmental Soil Science*)
2. Ms. I.M.S.S.A. Illankone - do -
3. Ms. H.M.A.K. Weerakoon - do -
4. Ms. D.J.S.S. Jayalath - do -
5. Ms. M.P.N.K. Henakaarachchi - do -
6. Ms. D.S.N. de Silva - do -
7. Ms. A.M.C.P.K. Attanayake - do -

Research Degrees Awarded in the Year 2009

Doctor of Philosophy (Ph.D.)

Board of Study	Name of the Student	Title of the Thesis	Supervisors
Agric. Extension	Ms. K.W.H.A.N. Somaratne	The Interrelationship Between Political Polarization Social Capital and Human Well-being in Rural Areas: A Study of the Central Province of Sri Lanka	Dr. O.G. Dayaratne Dr. H.V.A. Wickramasuriya
Agric. Engineering	Mr. W.S. Botheju	Real Time Moisture Simulation of Tea Leaves in Trough Withering Using One Dimensional Heat and Mass Transfer Mathematical Model	Dr. K.S.P. Amarathunga Dr. I.S.B. Abeysinghe

Master of Philosophy (M.Phil.)

Board of Study	Name of the Student	Title of the Thesis	Supervisors
Agric. Engineering	Mr. G.M.S.W.B. Gajasinghe	Evaluation of DRAINMOD to Predict Groundwater Levels in Mahaweli System B	Dr. L.W. Galagedera Prof. E.R.N. Gunawardena
	Mr. G.V.T.V. Weerasooriya	Performance Evaluation of Four Wheel Tractor Driven High Capacity Combined Paddy Thresher	Eng. M.H.M.A. Bandara Mr. M. Ranbanda
	Ms. I.H. Rajapakshe	Investigation of Water Quality Variation and Pollution Sources in Pussalla Oya Catchment	Dr. M.M.M. Najim Dr. L.W. Galagedera
	Ms. S.H. Dissanayake	Assessment of Irrigation Performance of Mahaweli System C - Sri Lanka with Comparative Performance Indicators	Dr. (Ms.) N.D.K. Dayawansa Mr. S.M.P. Siriwardena
Animal Science	Ms. T. Subalini	Phenotypic and Genetic Characterization of Wild Boar and Village Pigs in Sri Lanka	Dr. (Ms.) G.L.L.P. Silva Dr. C.M.B. Dematawewa
Bio-Statistics	Ms. E.I. Lelwala	Modeling Demand for Foreign Tourism in Sri Lanka	Dr. L.H.P. Guanrante Dr. T. Sivananthawerl
Crop Science	Mr. R.L. Senanayake	Agronomic and Socioeconomic Characterization of Homegardens in Meegahakiula Region of Sri Lanka	Prof. U.R. Sangakkara Dr. D.K.N.G. Pushpakumara Dr. P. Stamp
	Mr. D.B. Wijesinghe	Agronomic Potential of Home gardens and Cropping Fields in the Meegahakiula Region of Sri Lanka	Prof. U.R. Sangakkara Prof. S.J.B.A. Jayasekera
	Ms. D.M.S. Navaratne	Partitioning of Assimilates in Mature Vegetatively Propagated Tea Cultivars in the Up-Country of Sri Lanka and Its Variation During the Course of a Pruning Cycle	Prof. W.A.J.M. de Costa Dr. A. Anandacoomaraswamy

Board of Study	Name of the Student	Title of the Thesis	Supervisors
	Ms. D.S.K. Nagahatenna	Micropropagation and Change in Plant Architecture of <i>Hemidesmus indicus</i> (L.) R Br. (Iramusu) and <i>Osbeckis octandra</i> (L.) DC PRODR. (Heenbovitiya) through Biotechnological Approaches	Prof.(Ms.) S.E. Peiris Dr.S.de Z.Abey Siriwardena
	Ms. S.M.M.R. Mawalagedera	Improvement of Plant Nutrient Supply of Greenhouse Tomato for Enhanced Growth and Yield Under Dry Climates	Dr. W.A.P. Weerakkody Dr. K.P. Premaratne
Food. Sc. & Technology	Ms. P.M.H.D. Pathiraje	Physicochemical Digestibility and Glycemic Properties of Selected Traditional and Improved Rice Varieties Growing in Sri Lanka	Dr. W.M.T. Madhujith Prof. R. Sivakanesan

3. TEACHING PANEL

The PGIA functions as a semi-autonomous unit within the University of Peradeniya under the direction of a Board of Management. The Institute is closely linked to the Faculty of Agriculture through 11 Boards of Study at present, corresponding to different departments/divisions of study/discipline in the Faculty.

The Panel of Teachers consists of over 200 outstanding academic staff, with wide teaching and research experience, the majority of whom are from the Faculty of Agriculture, the others coming from other Faculties of the University, from other universities, government departments, research institutes, corporations, private sector firms, international institutions and non-governmental organizations. Many of them are international and national award winners, are in international, regional and national committees, and act as consultants to international, national and private sector organizations. They have assisted the institute to regularly monitor the progress of students and revise/upgrade the curriculum through programmes and courses. The knowledge and skills are given through well equipped laboratories providing 'state of the art' technologies. In addition, greenhouses and research fields of the Faculty of Agriculture and the Agricultural Biotechnology Centre provide students with ample practical experience.

4. RESEARCH AND THE PGIA CONGRESS

The main focus on research has been on solving problems of national importance. Most postgraduate research projects are selected in consultation with national policy formulating bodies such as the Sri Lanka Council for Agricultural Research Policy (CARP) and the National Science Foundation (NSF). During the research period, students acquire knowledge and skills to identify their research areas, design appropriate experiments and carry out their research so as to enable them to merge with the main stream research in the agricultural sciences after graduation. Advanced laboratories, greenhouses and research fields of the Faculty of Agriculture offer immense opportunities for acquiring practical experience. Many research programmes are wholly or partly carried out in other institutes as well, both public and private, in a collaborative manner, providing students exposure to different research environments. Many experts serve as external supervisors and/or examiners of research projects.

The PGIA, due to its prestigious status as a **Centre of Excellence in Postgraduate Education in Agriculture**, has been able to attract outstanding experts both from the national university system and

outside to its teaching panel. Some of the courses are coordinated by private sector personnel making it possible to blend the skills of real life situations, which in turn provide a special experience to the students and possibilities of employment thereafter.

The PGIA regularly reorganizes its academic programmes and courses to include new and more relevant knowledge and skills which reflect advances in research and analysis in various fields of agriculture. New courses also reflect market demands for particular disciplines. The course contents would also be modified to ensure that students are exposed to related disciplines and skills useful for different working environments.

Agricultural research is a major activity of the PGIA and involves both students and staff. The research is of high quality and the volume of research output has been tremendous. This is evident from the quality of research papers presented at the Annual Congress of the Institute (published in the Journal of Tropical Agricultural Research), in addition to those presented at the Annual Research Sessions of the University of Peradeniya (PURS), and other fora such as ASDA and SLAAS. PGIA students have presented their research findings at international meetings and even won international awards for their research. A significant step forward taken by the PGIA has been the effort to disseminate the research output to the relevant stakeholders, especially the farming community of this country as well as the industries and consumer organizations through the national agricultural extension systems of the Department of Agriculture and other extension services of different institutes.

The Senior Supervisors and members of the supervisory committees of research students ensure that research of high quality and of national importance is carried out. The Annual Congress of the PGIA provides an opportunity for the research students to present their research findings and to interact with experts in their relevant fields. The presentations are published in the Journal of Tropical Agricultural Research. The following are the award-winning research presentations at the 2009 Annual Congress.

Ms. R.M.N.A. Wijewardane: Combined Effects of Pre-Cooling, Application of Natural Extracts and Packaging on the Storage Quality of Apple (*Malus domestica* cv. Royal Delicious).

Ms. D. P. Karunananda : Effects of Pinching, Cycocel and B-Nine Treatments on Branching Habit of Pot Poinsettia (*Euphorbia pulcherrima* Willd).

Ms. S.C. Somasiri: Development of a Leguminous Leaf Meal Block as an Animal Feed.

Mr. A.G.B. Aruggoda: Molecular Phylogeny of Ladybird beetles (Coccinellidae: Coleoptera) Inferred from Mitochondrial 16S rDNA Sequences.

Ms. R. Gananeswaran: A Key for Identification of Deltocephaline Genera (Cicadellidae: Deltocephaline) Associated with Vegetable Ecosystem in Sri Lanka.

Mr. W.H.K.N. Fernando: Assessment of Nutritional Status and Disease Prevalence Among Elderly Population in Elderly Homes in Kandy.

Ms. S. Sasikala: Comparison of Pulsing and Continuous Flow for Improving Effluent Water Quality and Plant Growth of a Constructed Wetland to Treat Domestic Wastewater.

Ms. R.T.K. Ariyawansa: Open Dump Simulation for Estimation of Pollution Levels in Wet Tropical Climates.

Mr. R.H.G. Ranil: Variation of Three Co-occurring Taxa of the Genus *Cyathea* and Their Relationship in Singharaja and Kanneliya Lowland Rain Forests of Sri Lanka.

Mr. H.A.Y.R. Gunarathna: Evaluation of Reactivity and Inhibitions in Developing Municipal Solid Waste Landfill Bioreactors for Tropical Climatic Conditions.

Ms. W.M.K.K. Karunaratne: Assessment of Customer Satisfaction in a Five Star Hotel : A Case Study

Mr. R.L. Senanayake: Vegetation Composition and Ecological Benefits of Homegardens in the Meegahakiula Region of Sri Lanka.

The PGIA Congress which is the major scientific event of the country was inaugurated in 1989. The Congress is open to any postgraduate student and special concessions are provided to those from the SAARC countries. This is the main mode of dissemination of postgraduate research. Having conducted this event for the past 20 years, its scope has been expanded to include other activities as well, such as public discussions on topics of national importance which were held for the first time in 2007. This is also an excellent forum for scientific interaction and to develop partnerships with the industry.

In the Annual Congress of 2009, held on 19 November, 2009, The Chief Guest was Prof. Michael Emes, Dean/Graduate Studies, School of Biological Sciences, University of Guelph, Canada. Invited presentations were made by Prof. Jenny Jobling, Faculty of Agriculture, Food and Natural Resources, University of Sydney, Australia and by Prof. Rohan Rajapakse as a distinguished PGIA Alumnus. The Annual Congress, 2009 had 40 selected research presentations and six selected posters.

5. FINANCIAL REPORT

STATUTORY REPORT AND DISCLOSURE OF SIGNIFICANT ACCOUNTING POLICIES FOLLOWED IN PREPARING THE FINANCIAL STATEMENT FOR THE YEAR ENDED 31ST DECEMBER 2009

1. General

The Financial Statements of the Postgraduate Institute of Agriculture for the year ended 31st December 2009 have been prepared in terms of section 12 (3) (e) and 19 (1) of the Postgraduate Institute of Agriculture Ordinance No.9 of 1979, 106(1) and 107(b) of the Universities Act No.16 of 1978 and as amended by the subsequent Legislation and in pursuance of the Finance Act. No 38 of 1971.

2. Accounting Policies

2.1. Basis of Accounting

The Financial Statements are prepared under the historical cost convention in accordance with generally accepted Accounting Principles and Accounting Standards laid down by the Institute of Chartered Accountants of Sri Lanka. No adjustment has been made for inflationary factors affecting the Accounts.

2.2. Transactions of outside research grants have been accounted on cash basis

2.2.1. The Presentation of Financial Statements have been made in accordance with Public Enterprise Circulars No. 19

3. Assets and Basis of Valuation

3.1. Property, Plant and Equipment are stated at cost and the depreciation is provided in terms of the UGC Circulars No. 649 of 5th October 1995 and SLAS-18. The rates of depreciation for PPE are decided in accordance with the instructions of UGC circular.

Property, Land and Equipment	Rate of Depreciation per annum (%)
1) Building & Structure	05
2) Office Equipment	20
3) Housing Projects Equipment	20
4) Furniture and Fittings	10
5) Laboratory, Teaching & Office Equipment	20
6) Motor Vehicles	20
7) Library Books and Periodicals	20
8) Housing Projects	10

Property, plant and equipment are carried at cost less depreciation. Depreciation is provided in full for the year in which asset is purchased and no depreciation is provided for the year to maintain the consistency.

3.2. Inventories/Stocks

Inventories/stocks are valued at actual cost. The method adopted in determining the cost is first-in first out basis. The stock balance appearing in Accounts has been physically verified. No excess or shortage was found on the balance sheet to date.

3.3. The ownership of the land in which the PGIA buildings are, has not been legally vested to the PGIA. Hence, the value of the land is not considered in the Accounts.

4. Liabilities & Provisions

4.1 All material liabilities as at the balance sheet dates have been included in the Accounts.

5. Statements of Financial Performance

5.1 All the Expenditure incurred in the running of the business and maintaining the Capital Asset in state of efficiency has been charged to revenue in arriving at the surplus for the year.

5.2 Expenditure incurred for the purpose of acquiring, extending and improving assets of a permanent nature by means of which is to carry on the business for the purpose of increasing the earning capacity of the business has been treated as Capital Expenditure.

5.3 Revenue Recognition

5.3.1 Revenue is recognized on an accrual basis in terms of Sri Lanka Accounting Standards.

5.3.2 Interest Income is accrued on a time basis unless stated otherwise.

6. Trade & Other Receivables

6.1 Trade and other receivables are stated at their estimated realisable amount.

6.2 Actual Loan Balances to be recovered from the staff as at 31st December 2009 are considered as loans receivable.

7. Taxation

PGIA is exempted from paying income tax under the section 7 (b)(v) of Inland Revenue Act No.10 of 2006.

8. Government Grant

Items	Amount Allocated Rs.	Amount Released Rs.	Balance Rs.
Recurrent Grant	15,000,000	14,200,000	800,000
Rehabilitation & Improvement			50,000
1. Buildings	850,000	800,000	-
2. Vehicles	-	-	-
3. Equipment	-	-	-
4. Others	-	-	-
Acquisition of Assets			
1. Books & Periodicals	1,020,000	400,000	620,000
2. Office & Lab Equipment	1,530,000	1,300,000	230,000
Total	32,600,000	32,600,000	1,700,000

FACILITIES

(i) Computer Unit

The PGIA has a Computer Unit that is regularly expanded and upgraded. Most of the courses require the students to use computer facilities as a part of their learning process in the modern world. In addition to this, the unit caters to a large number of workshops, short courses and training programmes all of which require modern computing facilities. It, therefore, also acts as a service centre. The IT facilities which were expanded and upgraded recently included the latest software for teaching and research purposes. The Computer Unit is also initiating the framework for conducting courses on e-Learning basis.

(ii) Classroom Complex

In addition to the excellent auditorium, classrooms and cafeteria in the existing 'old' building, a new Classroom Complex was established and opened in 2006, providing extra classrooms, seminar and conference facilities that give the students and the lecturers a pleasant teaching/learning environment.

(iii) University Industry Community Interaction Cell (UICIC) and National Centre

A significant development in 2007 was the establishment of the UICIC which was sponsored for the first year by the UGC. The main objective being the interaction with industries, the UICIC began by creating two clusters of national importance i.e. Organic Agriculture Cluster and the Renewable Energy Cluster. Many major/mega projects have come through these two clusters.

Through dedicated work and close links established by the UICIC, the PGIA, for the first time, established the following two Centres at the institute.

(a) National Centre for Organic Agriculture (NCOA)

This was ceremonially opened by the Hon. Hemakumara Nanayakkara, Minister of Agriculture, in July 2008. It has initiated and implemented many national programmes.

(b) Centre for Renewable Energy Sources (CRES)

This Centre too is now functioning at the PGIA.

In addition to the above, the Boards of Study organize and carry out a large number of training programmes, short courses, workshops and seminars for local, regional and international participants, throughout the year, most of which are held annually. Some of these are regional and international programmes for which foreign experts serve as resource persons.

Postgraduate Agriculture Students Association (PASA)

All facilities have been provided for PASA to be an active student association of postgraduate students of the university system

6. POSTGRADUATE DIPLOMAS

Postgraduate Diploma in Applied Statistics

Postgraduate Diploma in Applied Statistics, was introduced at the PGIA during the academic year 2005/2006, is a one-year programme. The applicants must possess a Bachelor's degree or an equivalent qualification acceptable to the Board of Study.

The Diploma consists of course work including computer practicals aiming at providing hands-on skills on statistical applications. The target candidates were professionals working in various disciplines including Medicine, Agriculture, Social Sciences, Business & Management and Natural & Physical Sciences. The minimum credit requirement for the Diploma is 20 units and students are expected to complete all the requirements during two semester period.

The Diploma students are required to maintain a minimum Grade Point Average (GPA) of 2.75 out of 4 to obtain the Postgraduate Diploma. The students can transfer the earned credits up to a maximum of 10 credits if they wish to enroll in M.Sc. Degree Programme in Bio-Statistics or Applied Statistics subject to the approval of the Board of Study in Bio Statistics.

No. of Students Registered and Completed the Diploma

Academic Year	Registered	Completed
2005/2006	21	14 ^a
2006/2007	12	06 ^b
2008/2009	21	On going

Effective date of the Diploma : **a** - 29.05.2007, **b** - 26.09.2008, **c** - On going

Postgraduate Diploma in Development Practice and Management

Postgraduate Diploma in Development Practice and Management, which was introduced during the academic year 2006/2007 is a one-year programme. . The applicants must possess a Bachelor's degree or an equivalent qualification acceptable to the Board of Study.

The Diploma consists of course work, aiming at providing hands-on experience and skills to address development issues at the community level while providing a broad knowledge on development theories and concepts in their historical and contemporary context.

The Diploma students are required to maintain a minimum Grade Point Average (GPA) of 2.75 out of 4 to obtain the Postgraduate Diploma. The students can transfer the earned credits up to a maximum of 10 credits if they wish to enroll in M.Sc. Degree Programme subject to the approval of the Board of Study in Agricultural Economics.

No. of students Registered and Completed the Diploma

Academic Year	Registered	Completed
2006/2007	16	10 ^a

Effective date of the Diploma : **a** - 26.09.2008

Other Diplomas Awarded in 2009

Board of Study in Agricultural Economics :

1. Mr. I.U.K. Seneviratne (*Postgraduate Diploma in Dev. Practice & Management*)

Board of Study in Agricultural Extension :

1. Ms. P.A.C. Nishanthi (*Postgraduate Diploma in Agriculture*)
2. Mr. A.I. Sandika - do -
3. Mr. W.A.M.J.S.B. Abeyasinghe (*Postgraduate Diploma in Dev. Communication & Extension*)

Board of Study in Animal Science :

1. Mr. S. Suthaharan (*Postgraduate Diploma in Agriculture*)

Board of Study in Bio-Statistics

1. Mr. W.M.P.J. Kandegama (*Postgraduate Diploma in Applied Statistics*)
2. Ms. A.G.M.L.K. Dayananda (*Postgraduate Diploma in Bio-Statistics*)

Board of Study in Business Administration

1. Mr. W.A.C.J. Weerakkody *(Postgraduate Diploma in Business Administration)*
2. Mr. J.M.R.U. Jayasinghe *- do -*

Board of Study in Food Science & Technology

1. Ms. P.B.R.P. Menike *(Postgraduate Diploma in Food and Nutrition)*
2. Mr. T. Sutherland *- do -*

Board of Study in Plant Protection

1. Mr. W.D.M.J. Wickramasinghe *(Postgraduate Diploma in Plant Protection)*

7. SCHOLARSHIPS AWARDED IN 2008/2009

The South Asian Water (SAWA) Fellows scholarship program which was implemented in 2006, continued granting 17 scholarships for the fourth consecutive year for 10 M.Sc. and 07 M.Phil. students in Integrated Water Resources Management (IWRM) under the Crossing Boundaries (CB) Project.

M.Sc. Students

1. Ms. R.B.K. Unantenne
2. Ms. R.B.K. Unantenne
3. Ms. G.D.S. Priyadarshika
4. Ms. M.I. Wickramasinghe
5. Ms. C.D. Weerathunga
6. Ms. K.W.P. Priyangani
7. Ms. N.P. Koswatta
8. Ms. A. Sutharsiny
9. Ms. H.M.W.P. Herath
10. Ms. T.D. Mala Ramyalatha
11. Ms. S.A.S.N. Kumari

M.Phil. Students

1. Ms. J. Thanabalasingham
2. Ms. Y.G.N.S. Wijewardena
3. Ms. C.S. Gunayangoda
4. Ms. D.M.C.S. Mimrose
5. Ms. H.M.G.D. Herath
6. Ms. D.C.N. Chandrasena
7. Ms. C.R. Semasinghe

TWENTY-FIRST ANNUAL CONGRESS



INAUGURAL CEREMONY OF THE 21ST ANNUAL CONGRESS

(From L to R) Mr. V.G.D. Nayanaka (President, PASA), Dr. Anura Wickramasinghe (Deputy Vice Chancellor, University of Peradeniya), Prof. Michael Emes (Dean of Graduate Studies, School of Biological Science, University of Guelph, Ontario, Canada), Prof. A.L.T. Perera (Director, PGIA), Dr. K. Samarasinghe (Dean, Faculty of Agriculture) and Dr. (Mrs) J.P. Eeswara (Congress Coordinator - 2009).

The Annual Congress of the PGIA, which began twenty years ago, has become one of the major scientific events for the postgraduate students and staff of the institute, scientists in the national research system and the academics of the universities. Over the years, the Congress has evolved into a recognized scientific event in agriculture and related fields, especially in the Asian region. This event highlights the research programmes undertaken by the postgraduate students of the institute as well as those from the region focusing on their scientific merit and provides a forum for critical review of the output.

This year, the **Twenty-first Annual Congress** of the PGIA was held from **November 19 – 20** at the Auditorium of the Plant Genetic Resources Centre, Gannoruwa. The Chief Guest for this year's Congress was **Prof. Michael Emes** (Dean of Graduate Studies, School of Biological Science, University of Guelph, Ontario, Canada) who delivered the keynote address.

About 550 local and foreign participants including foreign scientists, representatives of the scientific communities including postgraduate students, university staff and scientists of various government and private sector organizations participated at the event.

The Coordinator of the Congress, **Dr. (Mrs) J.P. Eeswara** presented the Journal *Tropical Agricultural Research Vol. 21* to the Chief Guest. **Prof. A.L.T. Perera**, Director of the PGIA, **Dr. Anura Wickramasinghe**, Deputy Vice-Chancellor of the University of Peradeniya, **Dr. K. Samarasinghe**, Dean of Faculty of Agriculture and **Mr. V.G.D. Nayanaka**, President, Postgraduate Agriculture Students Association addressed the distinguished gathering.

Forty (40) oral presentations and six (06) poster presentations in twelve technical sessions were staged at this year's Congress. Each presentation was intensively evaluated by an eminent scientific panel in the respective fields for granting awards.

The first invited presentation was made by Prof. Jenny Jobling (Adjunct Associate Professor, Faculty of Agriculture, Food and Natural Resources, University of Sydney, Australia)) on "Fresh Food Nutrients: Labeling and Physiology". Dr. W.L. Sumathipala (National Ozone Unit, Pitakotte) made the second invited presentation on "Climate Change Associated Problems and Sustainable Development".

At the Closing Session of the Congress, Prof. Rohan Rajapakse (Executive Director, Sri Lanka Council for Agricultural Research Policy) delivered the Guest Speech.

Vote of thanks was made by Ms. Y.G.N.S. Wijewardhana, Secretary of the Postgraduate Agriculture Students' Association.

Award Winners of the 21st Annual Congress

Technical Session

Award Winner

Food and Nutrition	- Mr. W.H.K.N. Fernando
Water Resources and Improvement of Water Quality	- Ms. S. Sasikala
Waste Management	- Ms. R.T.K. Ariyawansa
Genetic Resources and Conservation	- Mr. R.H.G. Ranil
Waste to Energy	- Mr. H.A.Y.R Gunarathna
Agricultural Extension and Marketing	- Ms. W.M.K.K. Karunaratne
Sustainable Land Management	- Mr. R.L. Senanayake
Postharvest Technology and Process Engineering	- Ms. R.M.N.A. Wijewardane
Agronomy and Crop Management	- Ms. D. P. Karunananda
Animal Genetics and Feed Development	- Ms. S.C. Somasiri
Insect Pest Management & Molecular Taxonomy	- Mr. A.G.B. Aruggoda
Poster Presentation	- Ms. R. Gnaneswaran

Dr. A.W.R. Joachim Memorial Award

(Awarded to the student who obtained GPA of 4.00)

Ms. N.U. Jayawardena - Board of Study in Agricultural Biology

PAPERS PUBLISHED IN THE TROPICAL AGRICULTURAL RESEARCH

Volume 21 - 2009

(The names of Postgraduate students of the PGIA are in **bold** type)

TECHNICAL SESSION I :

FOOD AND NUTRITION

Fernando, W.H.K.N. and Wijesinghe, D.G.N.G. (2009). Assessment of Nutritional Status and Disease Prevalence Among Elderly Population in Elderly Homes in Kandy.

Pathirana, U.P.D., Wimalasiri, K.M.S., Silva, K.F.S.T. and Gunarathne, S.P. (2009). Investigation of Tank Bulk Cow Milk for Aflatoxin M₁.

Jananthan, R., Wijesinghe, D.G.N.G. and Sivananthawerl, T. (2009). Maternal Anthropometry as a Predictor of Birth Weight.

Peiris, T.D.R. and Wijesinghe, D.G.N.G. (2009). Nutritional Status of under 5 Year-Old Children and its Relationship with Maternal Knowledge in Weeraketiya DS Division of Sri Lanka.

TECHNICAL SESSION II :

WATER RESOURCES AND IMPROVEMENT OF WATER QUALITY

Sasikala, S., Tanaka, N., Jinadasa, K.B.S.N. and Mowjood, M.I.M. (2009). Comparison of Pulsing and Continuous Flow for Improving Effluent Water Quality and Plant Growth of a Constructed Wetland to Treat Domestic Wastewater.

Sewwandi, B.G.N., Weragoda, S.K., Mowjood, M.I.M., Tanaka, N. and Sasikala, S. (2009). Effect of Submerged and Floating Plants on Dissolved Oxygen Dynamics and Nitrogen Removal in Constructed Wetlands.

Mikunthan, T. and De Silva, C.S. (2009). Estimation of Groundwater Recharge in Limestone Aquifer using an Improved Soil Moisture Balance Method: A Case Study in Jaffna District.

TECHNICAL SESSION III :

WASTE MANAGEMENT

Jayasinghe, I.H., Basnayake, B.F.A., Amarathunga, K.S.P. and Dissanayake, P.B.R. (2009). Environmental Conservation Efforts in Developing Cement Blocks Incorporated with Textile Waste.

Perera, W.P.S., Basnayake B.F.A. and Kariyawasam, H.K.P.P. (2009). Impact of Capacity Mobilization on Solid Waste Management: A Case Study in Kundasale Pradeshiya Sabha.

Ariyawansa, R.T.K., Basnayake, B.F.A., Pathirana, K.P.M.N. and Chandrasena, A.S.H. (2009). Open Dump Simulation for Estimation of Pollution Levels in Wet Tropical Climates.

TECHNICAL SESSION IV :

GENETIC RESOURCES AND CONSERVATION

Ranil, R.H.G., Pushpakumara, D.K.N.G., Wijesundara, D.S.A., Dhanasekara, D.U.M.B. and Samita, S. (2009). Variation of Three Co-occurring Taxa of the Genus *Cyathea* and Their Relationship in Singharaja and Kanneliya Lowland Rain Forests of Sri Lanka.

Kumarathilake, D.M.H.C., Senanayake, S.G.J.N., Wijesekara, G.A.W., Wijesundera, D.S.A. and Ranawaka, R.A.A.K. (2009). Extinction Risk Assessments at the Species Level: National Red List Status of Endemic Wild Cinnamon Species in Sri Lanka.

De Silva, M.A.N. and Senarath, W.T.P.S.K. (2009). Development of a Successful Protocol for *in vitro* Mass Propagation of *Celastrus paniculatus* Willd: A Valuable medicinal plant.

TECHNICAL SESSION V : WASTE TO ENERGY

Gamage, D.A.S., Sarachchandra, G.W.N.L., Basnayake, B.F.A. and De Costa, W.A.J.M. (2009). Lysimeter Simulation of Paddy Straw Landfill Bioreactor for Optimum Gas Production.

Senevirathne, S.A.D.N., Basnayake, B.F.A., Chandrasena, A.S.H. and Rathnayake, N.P. (2009). Design Challenge of Converting Thirupperumthurai Dumpsite Quarry to a Landfill Bioreactor.

Thivyatharsan, R., Gunarathna, H.A.Y.R, Basnayake, B.F.A., Galagedara, L.W. and Kuruparan, P. (2009). Evaluation of the Suitability of a Composite Liner System for Designing a Landfill Bioreactor on Confined Bedrock at Sammanthurai in Sri Lanka.

Gunarathna, H.A.Y.R., Karunarathne, S.A., Basnayake, B.F.A., Sangeetha, T. and Galagedara, L.W. (2009). Evaluation of Reactivity and Inhibitions in Developing Municipal Solid Waste Landfill Bioreactors for Tropical Climatic Conditions.

TECHNICAL SESSION VI : AGRICULTURAL EXTENSION AND MARKETING

Dissanayake, U.I., Wickramasuriya, H.V.A. and Wijekoon, R. (2009). Evaluation of Computer-Based Learning Materials in Agricultural Information Dissemination in Sri Lanka.

Nafees, M.S.M., Athauda, A.R.S.B. and Edirisinghe, U. (2009). Impacts of Tsunami and Security Situation on Marine Fisheries of Kinniya, Trincomalee.

Karunaratne, W.M.K.K. and Jayawardena, L.N.A.C. (2009). Assessment of Customer Satisfaction in a Five Star Hotel: A Case Study.

Kumari, B.A.P., Thiruchelvam, S., Dissanayake, H.M.H. and Lasantha, T. (2009). Crop Diversification and Income Inequality in Irrigation Systems: The Case of Minipe.

TECHNICAL SESSION VII : SUSTAINABLE LAND MANAGEMENT

Senanayake, R.L., Sangakkara, U.R., Pushpakumara, D.K.N.G. and Stamp, P. (2009). Vegetation Composition and Ecological Benefits of Homegardens in the Meegahakiula Region of Sri Lanka.

Wijesinghe, D.B., Egodawatta, W.C.P., Sangakkara U.R., Pushpakumara, D.K.N.G. and Stamp,P. (2009). Productivity of Maize (*Zea mays* L.) and Mung Bean (*Vigna radiata* L.) in Homegardens and Cropping Fields under Subsistence Conditions.

Amarasekara, M.G.T.S., Dayawansa, N.D.K. and De Silva R.P. (2009). Effect of Socio-Economic Factors on Adoption of Soil Conservation Measures in Kurundu Oya Sub Catchment.

Jayarathne, K.D.B.L., Dayawansa, N.D.K. and De Silva, R.P. (2009). GIS-Based Analysis of Biophysical and Socio-economic Factors for Land Degradation Assessment in Kandaketiya DS Division.

**TECHNICAL SESSION VIII :
POSTHARVEST TECHNOLOGY AND PROCESS ENGINEERING**

Wijewardane, R.M.N.A. and Guleria, P.S. (2009). Combined Effects of Pre-Cooling, Application of Natural Extracts and Packaging on the Storage Quality of Apple (*Malus domestica* cv. Royal Delicious).

Fari, M.J.M., Rajapaksa, D. and Ranaweera, K.K.D.S. (2009). Effect of Rice Variety on Rice-Based Composite Flour Bread Quality.

Botheju, W.S., Amarathunge, K.S.P. and Abeysinghe, I.S.B. (2009). Simulation of Trough Withering of Tea using One Dimensional Heat and Mass Transfer Finite Difference Model.

**TECHNICAL SESSION IX :
AGRONOMY AND CROP MANAGEMENT**

Mala, W.J., Kumari, I.S., Sumanasena, H.A. and Nanayakkara, C.M. (2009). Effective Spore Density of *Glomus mosseae*, Arbuscular Mycorrhiza (AM), for Inoculation of Rooted Cuttings of Black Pepper (*Piper nigrum* Linn.).

Heenkende, A.P. and Ramakrishna Parama, V.R. (2009). Effect of Silkworm Pupae Compost on Soil N Mineralization, Nutrient Uptake, Crop Yield, and Plant Nutrient Contents of French Bean (*Phaseolus vulgaris* L.).

Abeykoon, A.M.K.C.K., Fonseka, R.M., Paththinige, S. and Weerasinghe, K.W.L.K. (2009). Fertilizer Requirement for Densely Planted Okra (*Abelmoschus esculentus*).

Karunananda, D.P. and Peris, S.E. (2009). Effects of Pinching, Cycocel and B-Nine Treatments on Branching Habit of Pot Poinsettia (*Euphorbia pulcherrima* Willd).

**TECHNICAL SESSION X :
ANIMAL GENETICS AND FEED DEVELOPMENT**

Subalini, E., Silva, G.L.L.P. and Dematawewa, C.M.B. (2009). Phenotypic Characterization and Production Performance of Village Pigs in Sri Lanka.

Wickramaratne, S.H.G., Ulmek, B.R., Dixit, S.P., Kumar, S. and Vyas, M.K. (2009). Use of Growth Hormone Gene Polymorphism in Selecting *Osmanabadi* and *Sangamneri* Goats.

Mutucumarana, R.K., Samarasinghe, K., Ranjith, G.W.H.A.A., Wijeratne, A.W. and Wickramanayake, D.D. (2009). Poultry Offal Meal as a Substitute to Dietary Soybean Meal for Japanese Quails (*Coturnix coturnix japonica*): Assessing the Maximum Inclusion Level and the Effect of Supplemental Enzymes.

Somasiri, S.C., Premarathna, S., Gunathilake, H.A.J., Abeysona, H.A. and Satsara, J.H.M. (2009). Development of a Leguminous Leaf Meal Block as an Animal Feed.

**TECHNICAL SESSION XI :
INSECT PEST MANAGEMENT & MOLECULAR TAXONOMY**

Radhakrishnan, V. and Ramaraju, K. (2009). Development Duration, Colonization and Insecticide Efficacy of Leaf Mite, *Oligonychus oryzae* Hirst on Rice in Tamil Nadu, India.

Thanavendan, G. and Jeyarani, S. (2009). Bio-intensive Management of Okra Fruit Borers Using Braconid Parasitoids (Braconidae: Hymenoptera).

Mayadunnage, S., Wijayagunasekara, H.N.P., Hemachandra, K.S. and Nugaliyadde, L. (2009). Occurrence of Aphidophagous Syrphids in Aphid Colonies on Cabbage (*Brassica oleracea*) and their Parasitoids.

Aruggoda, A.G.B., Ren Shunxiang and Qui Baoli (2009). Molecular Phylogeny of Ladybird beetles (Coccinellidae: Coleoptera) Inferred from Mitochondrial 16S rDNA Sequences.

**TECHNICAL SESSION XII:
POSTER PRESENTATION**

Ganaeswaran, R., Hemachandra, K.S., Wijayagunasekara, H.N.P. and Ahangama, D. (2009). A Key for Identification of Deltocephaline Genera (Cicadellidae: Deltocephline) Associated with Vegetable Ecosystem in Sri Lanka.

Kirupakaran, S. and Thiruchelvam, S. (2009). Attitude of Coastal Communities towards Conservation of Freshwater Turtles in Ampara District.

Kodithuwakku, D.P. and Kirthisinghe, J.P. (2009). The Effect of Different Rates of Nitrogen Fertilizer Application on the Growth, Yield and Post Harvest life of Cauliflower.

Jegadeeswari, V., Balamohan, T.N., Vijayakumar, R.M., Mohandas, S. and S. Kuttalam (2009). Fruit Quality of Grape (*Vitis vinifera* L. cv. Muscat) on Response to Plant Growth Regulator Application.

Wanduragala, P.S.B., Eeswara, J.P. and De Costa, W.A.J. M. (2009). The Effects of Electromagnetic Potential gradient, Ca²⁺ and Starch-Statoliths on the Uneven Growth of Plants.

Hewawitharana, H.V.C. and Weerahewa, J. (2009). Financial Viability of Big Onion Production Using Local True Seeds versus Imported True Seeds.

SHORT COURSES AND PH.D. & M.PHIL. RESEARCH SEMINAR PRESENTATIONS

Short courses and Ph.D. & M.Phil. Research Seminar Presentations held during the Year 2009 are given below;

Short Courses

	Date/s	Subject	Organizer	Sponsor
1.	Sept.28- Oct.02	Short Course on Categorical Data Analysis Department of Census & Statistics	Board of Study in Bio-Statistics & PGIA	Statistical Capacity Upgrading Project (STATCAP) of the Dept. of Census & Statistics. (Both Short Courses were held for the Staff of the Dept. of Census & Statistics held in Colombo)
2.	Oct. 26-30	Short Course on Multivariate Methods		

Ph.D. & M.Phil. Research Seminar Presentations

Date	Name of Student	Title
June 19	Ms. S.M.M.R. Mawalagedera	Improvement of Plant Nutrition of Greenhouse Tomato for Enhanced Growth and Yield under Dry Climates
Aug. 12	Mr. W.S. Botheju	Real time Moisture Simulation of Trough Withering Using One Dimensional Heat and Mass Transfer Mathematical Model
Aug. 28	Ms. P.M.H.D. Pathiraje	Physicochemical, Digestibility and Glycemic Properties of Selected Traditional and Improved Rice Grown in Sri Lanka
Aug. 31	Mr. D.B. Wijesinghe	Agronomic Potential of Homegardens and Cropping Fields in the Meegahakiula Region of Sri Lanka
Aug. 31	Mr. R.L. Senanayake	Agronomic and Socio-economic Characteri-zation of Homegardens in Meegahakiula Region of Sri Lanka
Sept. 30	Ms. S. Thangarajah	Phenotypic and Genetic Characterization of Wild Boar and Village Pigs in Sri Lanka
Oct. 07	Mr. G.M.S.W.B. Gajasinghe	Evaluating the Ability of DRAINMOD to Predict Ground Water Levels & Salinity of a Soil Profile Under Local Conditions
Nov. 07	Ms. S.M.A. Priyadarshinie	Complete and Balanced Fertilizer Recommendation for Capsicum (<i>Capsicum annum</i>)
Nov. 10	Mr. Y.B. Iqbal	Analysis of Combining Ability to Identify Suitable Parents for Hereotic Rice Hybrid Breeding
Nov. 16	Mr. W.J.K.V. Ranjith	Evaluation of Small Farmer Group Extension Strategy as an Alternative Extension Approach: A Case Study in Hambantota District in Sri Lanka
Nov. 30	Ms. D.M. Uvasara Imalie	Evaluation of the Computer Based Learning Material in Agricultural Information Dissemination in Sri Lanka
Nov. 30	Mr. W.M.D.B. Wijerathna	Impact of Irrigation Investments in Regional Development; Uda Walawe Development Project in Southern Sri Lanka

PUBLICATIONS IN 2009

Table 6 gives the books, research papers and others published at the PGIA during 2009.

Table 6. Research and Other Publications – Year 2009

Publication	Nos.
Local Refereed	46 ¹
Local Non Refereed	-
Foreign Refereed	-
Foreign Non Refereed	-
Abstracts	46 ²
Books	03 ³
	13 ⁴

1. Tropical Agricultural Research Vol. 21

Forty six papers presented at the 21st Annual Congress of the PGIA were published.

2. Abstracts of the papers presented at the 21st Annual Congress.

3. i. Macroeconomics

This book is authored by Prof. C. Bogahawatte, Dept. of Agricultural Economics, Faculty of Agriculture as a teaching material for undergraduates and Postgraduate students in Economics and Business Economics.

ii. Basic Designs in Agricultural Experiments

Reprinted. This book is authored by Prof. S. Samita, Dept. of Crop Science, Faculty of Agriculture as a reading material for postgraduates as well as undergraduates who follow courses in design and analysis of experiments and for researchers who are specifically in the field of agriculture.

iii. Design Analysis of Experiments

Reprinted. This book is edited by Prof. R.O. Thattil, Dept. of Crop Science, Faculty of Agriculture, discussed topics on principles of experimental designs, ANOVA, commonly used designs for experiments. Useful book for students and researchers in agricultural, scientific, engineering and medicinal fields.

STAFF STATUS

As of 31.12.2009, the total number of permanent staff members of the institute was 42, including 02 academics, 02 administratives, 02 executives and 35 non-academics. One employee was on academic supporting service (contract basis). (Table 7).

Table 7. Staff Changes during the Year 2009

Staff Changes	Academic	Administrative	Academic Supporting	Executive	Non-Academic
Retirements	-	-	-	-	-
New Appointments	-	01	-	-	09
Resignations	-	-	-	-	-
Transfers	-	01	-	-	-
Staff as at 31-12-2009	02	02	01	02	35

Staff Changes

Boards of Study

Additions

Agricultural Biology	- Dr.(Ms.) C.S. Ranasinghe
Animal Science	- Dr. C.M.B. Dematawewa
Food Sc. & Technology	- Dr. J.A.L.P. Jayakody
Soil Science	- Dr. W.A.U. Vitharana

PGIA Supporting Staff

Transfers

Mr. D. Rambukwella Served as the Deputy Registrar of the Institute from 01-10-2008 to 03-07-2009. He has been transferred to the University of Peradeniya.

New Appointments

Ms. M.S. Ranasinghe	Assumed duties as the Assistant Registrar, having transferred from the University of Peradeniya with effect from 03-07-2009.
Ms. T.M.N.K. Tennakoon	Assumed duties as a Library Asst. (Gr.III) with effect from 10-08-2009.
Mr. G.M.S.K. Thilakaratna	Assumed duties as a Clerk (Gr.III) with effect from 10-08-2009.
Mr. M.G.J.L. Sampath	Assumed duties as a Clerk (Gr.III) with effect from 03-08-2009.
Ms. A.M.I.U.K.Abeysundara	Assumed duties as a Telephone Operator <i>cum</i> Receptionist (Gr.III) with effect from 03-08-2009.

Mr. D.G.C.N. Perera	Assumed duties as the Store Keeper (Gr.III) with effect from 16-04-2009.
Mr. T.G.L.S. Ratnasiri	Assumed duties as a Labourer (Gr.III) with effect from 01-04-2009.
Mr. E.A.P. Niroshan	Assumed duties as a Labourer (Gr.III) with effect from 01-04-2009.
Ms. R.G. Hemalatha	Assumed duties as a Labourer (Gr.III) with effect from 01-04-2009.
Mr. T.M. Theekshana	Assumed duties as a Driver (Gr.II) with effect from 01-04-2009.

Promotions

Mr. P.W. Wijewickrama	Promoted to the post of Driver (Special Grade) with effect from 01-05-2008.
Mr. M.G.U.J. Alwis	Promoted to the post of Lab Attendant (Lower Grade) with effect from 07-03-2009.

Trainings & Achievements

The details of staff achievements and participation at workshops, training programs and paper presentations during the year 2009 are given below, which were organized by various government and non-government institutions.

Ms. I. Mudannayake (Senior Asst. Librarian, Agriculture Library)

1. Served as a resource person at a workshop organized by the Department of Local Government for Public Librarians in Central Province, held at Urban Council, Gampola on 10th May 2009.
2. Served as a judge in a Selection Board to select the Best Public Library at Central Province in April 2009.
3. Served as a Reviewer of the Journal of the University Librarians' Association (JULA) 2008/09.
4. Published a newspaper write up about the Annual Congress of the PGIA in the Daily News on 18th November 2009.
5. Conducted a special Information Programme on Literature Survey for the Final Year Students of Zoology and Molecular Biology, Faculty of Science, University of Peradeniya on 19th February, 2009.
6. Conducted an Information Programme with hands on Training for the Final Year Food Science & Technology students of the Faculty of Agriculture at the Faculty Compute Unit on 26th October 2009.

Mr. L.U.N.C. Perera (Shroff - Gr.III)

Successfully completed a training programme on Skills Development of Shroff/ Cashiers conducted by the Institute of Government Accounts & Finance, Ministry of Finance & Planning from 28th - 30th January 2009.

Ms. E.I. Pathmaratne, Mr. E.M.S. Ekanayake and Mr. W.M.M.C. Wijenayake (Computer Application Asst. - Gr.III)

Successfully completed a Training on MS Access conducted by the INGAF from 17th - 21st August 2009.

Ms. E.I. Pathmaratne (Computer Application Asst. - Gr.III)

Attended a Workshop on Government Procurement Procedures conducted by the INGAF on 3rd & 4th November 2009.

OTHER ACTIVITIES

Felicitation Ceremony

The PGIA, since its inauguration in 1975 has emerged as the Centre of Excellence for postgraduate education, research and outreach activities in Sri Lanka and the region. There are many who have contributed to its success including the permanent staff of the Institute. In appreciation of their valuable contributions, twelve staff members were felicitated on 27th March 2009 in recognizing their invaluable service to the Institute over a period of 20 years or more. The Deputy Vice Chancellor of the University of Peradeniya, Dean of the Faculty of Agriculture, Members of the Board of Management, Director and staff of the Institute and several other invited guests participated to grace the occasion.

The staff members felicitated were ;

- | | |
|--------------------------------|---|
| 1. Mr. E.M. Tikiri Banda | Machine Operator (Supra Grade) |
| 2. Ms. D.G. Wijyaratne | Senior Staff Assistant (Clerical Service) |
| 3. Ms. I. Mudannayake | Senior Asst. Librarian, PGIA Library |
| 4. Mr. D.G.L. Samarasinghe | Library Assistant (Supra Grade) |
| 5. Mr. K.P. Jayasinghe | Labourer (Gr.I) |
| 6. Ms. D.K. Dahanayake | Staff Assistant (Library Services) |
| 7. Ms. C. Dahanayake | Personal Secretary to the Director |
| 8. Mr. R.M.Seneviratne Bandara | Lab Attendant (Supra Grade) |
| 9. Ms. D.M.S.M. Dissnanayake | Staff Assistant (Clerical Service) |
| 10. Ms. W.M.C. Werake | Senior Staff Assistant (Stenography) |
| 11. Mr. R.D. Weerasinghe | Labourer (Gr.I) |
| 12. Ms. H.K. Samarasinghe | Clerk (Gr.I) |

PGIA Publications - Book Sales Counter

The Book Sales Counter of the Institute containing publications related to Agriculture and other allied fields showed total sales of Rs. 216,825.00 during the year 2009 (Table 8). Books and monographs printed as PGIA publications and number of publications from the University of Peradeniya are available for sale at the counter.

SALE OF PUBLICATIONS - POSTGRADUATE INSTITUTE OF AGRICULTURE
TOTAL SALES FROM 01-01-2009 TO 31-12-2009

Author	Title	Price	No. of	Total (Rs.)
PGIA Publications	Tropical Agric. Research - Vol. 21 - 2009	250.00	3	750.00
"	Tropical Agric. Research - Vol. 21 - 2009 - CD	150.00	1	150.00
"	Tropical Agric. Research - Vol. 20 - 2008	500.00	14	7000.00
"	Tropical Agric. Research - Vol. 16,18,19,20,- CD	500.00	4	2000.00
"	Tropical Agric. Research - Vol. 19 - CD	100.00	1	100.00
"	Tropical Agric. Research - Vol. 17 - 2005 - CD	100.00	1	100.00
"	Tropical Agric. Research - Vol. 16 - 2004	150.00	2	300.00
"	Tropical Agric. Research - Vol. 16 - 2004 - CD	100.00	1	100.00
"	Tropical Agric. Research - Vol. 11 - 1999	100.00	1	100.00
"	Leading Issues in Rural Finance	400.00	5	2000.00
"	Basic Designs in Agricultural Experiments	350.00	137	47950.00
"	Design and Analysis of Experiments	200.00	101	20200.00
"	Survey Design and Analysis	150.00	45	6750.00
"	Survey Design and Analysis	200.00	22	4400.00
"	Micro-Economics :Principles of Econ.	75.00	36	2700.00
"	Business Economics	75.00	3	225.00
"	Protected Culture	100.00	26	2600.00
"	Green-house Technologies	140.00	21	2940.00
"	Macroeconomics	350.00	67	23450.00
" (NCDA)	Cosmic Influences on Healthy Crop Production	1250.00	4	5000.00
Agric Engineering Society	Use of Ground Water for Agriculture in SL	200.00	6	1200.00
Bragahamatz, C (Prof.)	සමස්තමය වෙළඳපොළ හා මිල සමීක්ෂණ	400.00	5	2000.00
"	Agricultural Marketing & Prices	400.00	9	3600.00
De Costa, WAJM (Dr.)	Principles of Crop Physiology	850.00	17	14450.00
"	Plant Water Relations	850.00	8	6800.00
De Silva, RP (Dr.)	Collection of Lecture Notes in Agric. Eng.	300.00	1	300.00
"	Geo-informatics Dictionary	300.00	2	600.00
"	Global Positioning Systems	300.00	3	900.00
"	Sri Lankan Journal of Geo-Informatics	300.00	1	300.00
"	Tsunami in Sri Lanka	100.00	5	500.00
"	දී ආසන්න දුරේ සන්නාම	100.00	3	300.00
"	Remote Sensing Day 2006	300.00	2	600.00
"	Water Res. Research in SL - 2003 & 2004	300.00	1	300.00
Hirunayake, HMG/SB (Dr.)	සමස්තමය සාමාන්‍ය වෙළඳපොළ හා සාමාන්‍ය මිල සමීක්ෂණ	150.00	38	3700.00
"	සමස්තමය සාමාන්‍ය වෙළඳපොළ	200.00	27	5400.00
Agarwal, Udith (Dr.)	Production & Per Capita Availability of Paddy in SL	250.00	2	500.00
"	Effective Teaching thru Innovative Techniques	250.00	6	1500.00
MPTS Publications	Novel Approaches in Teaching in Higher Education	200.00	5	1000.00
"	Dragon Fruit	300.00	10	3000.00
"	Dragon Fruit - Field Manual	200.00	4	800.00
"	දුරකථන සන්නාම	200.00	10	2000.00
"	N neem	200.00	1	200.00

MPTS Publications	Medicinal Plants	500.00	1	500.00
"	Bell Fruit	150.00	1	150.00
Mapa, RB (Prof.)	මි ඉපයේ සෙව පොතේ පො	220.00	6	1320.00
"	මි ඉපයේ සෙව පොතේ පො	550.00	2	1100.00
"	Soils of the Wet Zone of Sri Lanka	220.00	1	220.00
"	Soils of the Wet Zone of Sri Lanka - CD	220.00	11	2420.00
"	Benchmark Soils of the Dry Zone of Sri Lanka - CD	330.00	5	1650.00
"	Benchmark Soils of the Wet Zone of Sri Lanka - CD	220.00	3	660.00
"	Soils of the Intermediate Zone of Sri Lanka	550.00	6	3300.00
"	Field Characterization of Soils - CD	110.00	15	1650.00
"	Soils of the Wet Zone of Sri Lanka (Tamil)	200.00	1	200.00
"	Soils of the Intermediate Zone of Sri Lanka (Tamil)	550.00	1	550.00
"	Manuals of Soil Sampling and Analysis	440.00	6	2640.00
Mendis, DLO (Mr.)	Alternative Development – An Anthology-Part I	300.00	1	300.00
"	Alternative Development – An Anthology-Part II	400.00	1	400.00
"	Globalization and Eppawa	500.00	1	500.00
"	Pugwash, Globalization & Eppawa	400.00	1	400.00
National Agri. Sc. Society	Sri Lankan Journal of Agricultural Sc. Vol 45-2008	500.00	1	500.00
"	Sri Lankan Journal of Agricultural Sc. Vol 44-2007	500.00	1	500.00
"	Sri Lankan Journal of Agricultural Sc. Vol 43-2006	500.00	6	3000.00
"	Sri Lankan Journal of Agricultural Sc. Vol 42-2005	200.00	5	1000.00
"	Sri Lankan Journal of Agricultural Sc. Vol 41-2004	200.00	3	600.00
"	Sri Lankan Journal of Agricultural Sc. Vol 40-2003	200.00	5	1000.00
Samarasekera, U. (Prof.)	Bad to Brew - Tea	300.00	3	900.00
"	සේ ඉපයේ සෙව පොතේ පො	200.00	3	600.00
Sanderatne, N.(Dr.)	Economic Growth & Social Transformation	400.00	2	800.00
"	Social Dimensions in Development	500.00	1	500.00
"	මි ඉපයේ සෙව පොතේ පො	150.00	1	150.00
"	Sri Lanka Challenges of the New Millennium	1200.00	1	1200.00
"	The University of the future	400.00	1	400.00
Sl. Ag. Econ. Association	Environmental Valuation: Theory & Applications	450.00	11	4950.00
"	වටිනා වටිනා වටිනා	250.00	2	500.00
Weerakkody, WAP (Dr.)	සෙව පොතේ පො	225.00	10	2250.00
TOTAL			777	216825.00