



ANNUAL REPORT

&

ACCOUNTS

OF

PGIS

2016

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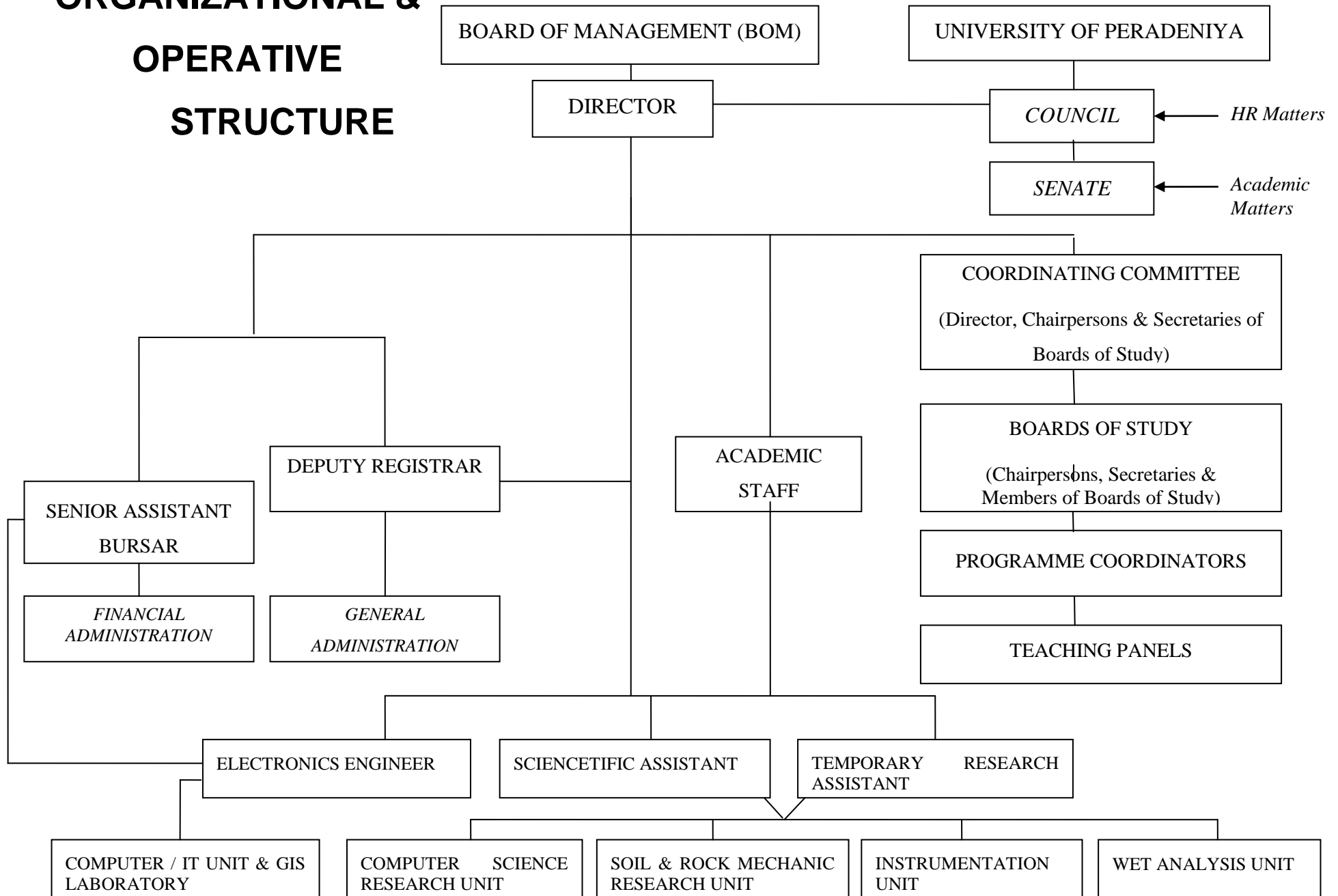
1. Vision Statement

To be an internationally renowned centre of excellence in Asia for postgraduate education and research in Science

2. Mission Statement

To contribute to the development of a knowledge – based society with social sensitivity, ethical rectitude and economic prosperity through postgraduate level education and research in science and dissemination of knowledge in an intellectually stimulating, efficiently managed and harmonious academic environment

ORGANIZATIONAL & OPERATIVE STRUCTURE



03. Director's Statement /Review

The Postgraduate Institute of Science (PGIS) is a National Institute attached to the University of Peradeniya, Sri Lanka, presently serving approximately 2000 students in science disciplines. The PGIS was established in 1996 by an ordinance from the Ministry of Higher Education in order to promote science education and research & development (R&D) in scientific disciplines in Sri Lanka. The principal objective of the Postgraduate Institute of Science is to promote and provide postgraduate instruction, training and research in various scientific specialties, enhancing the graduate academic experience.

A main activity of the PGIS is to conduct M.Sc., M.Phil. and Ph.D. degree programmes as well as postgraduate diploma and certificate courses to cater to the demand in both the public sector and the private sector in the nation. Many research programmes of the PGIS are conducted in close collaboration with the Faculty of Science, University of Peradeniya. In addition, structured and tailor-made training programmes, such as short courses and workshops, are also conducted frequently. GIS and Applications, Scientific Writing, and Data Handling & Management are a few popular short-term programmes conducted by the PGIS. These programmes of the PGIS are conducted through 10 Boards of Study, covering all science disciplines including Science Education. The members of teaching panels are drawn from nine faculties of the University of Peradeniya, as well as from other universities, institutes and industries. The Institute also offers consultancy services to local industry and public/private sector institutions. Sandwich and collaborative research programmes have also been launched with international institutions.

Another main activity of the PGIS is to strengthen research activities and expand attempts on dissemination of knowledge through research conferences, namely the PGIS Research Congress, and the International Symposium on Water Quality & Human Health, with academic collaboration of both local and foreign participants. More than 200 presentations on novel research findings were made at these research events in the year 2016. The PGIS also provides efficient service to its stake holders through its dedicated and well-trained staff, and further, efforts on internationalization have become stronger during the last few years.

The PGIS hopes to achieve its vision by 2020 by becoming the best postgraduate institute in scientific disciplines and research in Asia.

Development of PGIS Laboratories

The PGIS has many laboratories, providing necessary facilities for its students. Steps have been taken to upgrade all the laboratories. Details are given below:

1. **Instrumentation Laboratory I:** This Instrumentation Laboratory was officially opened for students' use on the 02nd January 2015. Many instruments (Atomic Emission Spectrophotometer, Gas Chromatograph, Polarizing Microscope, Electrochemical Analyzer, Spectrophotometers, etc.) are presently housed in this laboratory.
2. **Instrumentation Laboratory II:** This laboratory was initiated in the last quarter of 2016, mainly to strengthen research activities in the areas of Biochemistry, Biotechnology and Molecular Biology. PCR analyzer, Centrifuge, Shaker, Water bath and a few spectrophotometers are available at present. Purchase of a Gel Documentation Apparatus, Ultra-high Water Purification System and a Microwave Digester has already been in progress.
3. **GIS Laboratory:** The use of GIS laboratory has tremendously been expanded. A record high number of about 80 students registered for the 2015/2016 batch of the M.Sc. programme in GIS & Remote Sensing. As such, the GIS laboratory was expanded, and it now houses about 60 computers with necessary software.
4. **Computer Laboratory I:** This laboratory has the facility to provide services to about 80 students at a time.
5. **Computer Research Laboratory:** This laboratory was developed for six students to carry out research in Computer Science.
6. **Data Science Unit:** This unit was opened on the day of the 20th Year Anniversary Celebrations of the PGIS, 09th of October 2016. It house about 15 computers. Purchase of a high powered computer is in progress.
7. **Chemical Laboratory:** Glassware and consumables have been purchased for smooth running of laboratory classes for M.Sc. programmes in Analytical Chemistry, Environmental Science and Science Education.
8. **Rock and Soil Mechanics Laboratory:** This laboratory is being developed at present. Once developed, it will be used for laboratory classes of the M.Sc. programme in Engineering Geology and Hydrogeology, and for providing services to the public.
9. **IT laboratory for Science Education:** This laboratory will be especially designed for students of the M.Sc. and Postgraduate Diploma programmes in Science Education.

Future Plans

In keeping with the vision and the mission of the PGIS, activities have been planned for the next few years (Details are given in the Corporate and the Master Plans). This includes the following:

- Further development of the above laboratories, in particular, the expansion of the Instrumentation Laboratories to be in par with international standards.
- Construction of an extension to the PGIS to house a student services center, cafeteria, staff rooms, discussion rooms, reading rooms, conference room, laboratories, etc.
- Establishment of a new Board of Study in Biomedical Sciences to offer services in this emerging field of science.
- Increase in the number of M.Sc., M.Phil. and Ph.D. students.
- Introduction of new M.Sc. programmes to cater to the demand of the industrial sector of the nation (E.g.: Data Science, Electronic Materials & Devices, Electrochemical Science & Technology, Pharmaceutical Science, Physics)
- Offer services to the nation through the newly established Data Science Unit.
- Continuation of the PGIS Research Congress, and the International Symposium on Water Quality & Human Health as annual events.
- Initiation of more research conferences with participation of foreign professionals.
- Strengthening collaborations with foreign universities/institutions.
- Expansion of research programmes of national interest.

Prof. H M D Namal Priyantha

Director / Postgraduate Institute of Science

University of Peradeniya

04. Details of Resources and Students:

Institute	Course (Coursework)	Intake in 2016	Previous Year intake	Total Academic Staff	Total Non Academic staff
PGIS	M.Sc. in Clinical Biochemistry	13	20 (2014)	-	-
	M.Sc. in Experimental Biotechnology	15	23	-	-
	M.Sc. in Analytical Chemistry	46	56	-	-
	M.Sc. in Industrial Chemistry	13	24	-	-
	M.Sc. in Nanoscience & Nanotechnology	30	29	-	-
	M.Sc. in Disaster Management	24	19	-	-
	M.Sc. in GIS & Remote Sensing	64	86	-	-
	M.Sc. in Environmental Science	25	41	-	-
	M.Sc. in Biodiversity, Ecotourism & Environment Management	19	13	-	-
	M.Sc. in Fish & Wildlife Management	-	10 (2014)	-	-
	M.Sc. in Industrial Mathematics	13	26	-	-
	M.Sc. in Physics of Materials	17	19	-	-
	M.Sc. in Medical Physics	-	15	-	-
	M.Sc. in Medical Microbiology	20	21 (2014)	-	-
	M.Sc. in Science Education	108	73	-	-
	PG Diploma in Science Education	28	40	-	-
	M.Sc. in Applied Statistics	27	32	-	-
	M.Sc. in Computer Science	62	71	-	-
	PG Diploma in Information Technology	-	11 (2013)	-	-
	M.Sc. in Information Technology (New)	41			
	M.Sc. in Engineering Geology & Hydrogeology	24	28	-	-
	M.Sc. in Water Resources Management	-	08	-	-
	M.Sc. in Applied Epidemiology	16	11	-	-
M.Sc. in Pharmaceutical Botany (New)	16	-			
M.Sc. in Gemology & Industrial Minerals	-	07	-	-	
	TOTAL	621	683	-	-

Foot note-no academic staff (All visiting staff)

05. Details of Local Students (Medium of instruction is English):

<i>Board of Study</i>	<i>Course Name</i>	<i>Intake 2016 Ph.D.</i>	<i>Intake 2016 M.Phil.</i>	<i>Intake 2016 M.Sc.</i>	<i>Diploma</i>	<i>No. of Graduated M.Sc/M.Phil./Ph.D. Pl see the foot note*</i>			<i>No. of Diploma Completed</i>
						<i>M.Sc.</i>	<i>M.Phil.</i>	<i>Ph.D.</i>	
Biochemistry & Molecular Biology	M.Sc. in Clinical Biochemistry	-	-	13	-	-	-	01	03
	M.Sc. in Experimental Biotechnology			15	-	03		03	
Chemical Sciences	M.Sc. in Analytical Chemistry	09	01	46	-	14	09	04	01
	M.Sc. in Industrial Chemistry			13	-	01			03
	M.Sc. in Nanoscience & Nanotechnology			30	-	11			09
Environmental Science	M.Sc. in Biodiversity, Ecotourism and Environmental	04	-	19	-	01	02	-	05
	M.Sc. in Environmental			25	-	12			07
Earth Science	M.Sc. in Engineering	07	-	24	-	05	01	01	-
	M.Sc. in Disaster Management			24	-	05			10
	M.Sc. in GIS & Remote Sensing			64	-	24			08
	M.Sc. in Water Resources Management			-	-	-			01
	Gemology & Industrial Minerals			-	-	02			-

Plant Sciences	M.Sc. in Medical Microbiology	04	-	20	-	06	-	-	01
	M.Sc. in Plant Sciences			-	-	-	02	01	-
	M.Sc. in Post-harvest Technology of Fruits and Vegetables			-	-	-	-	-	-
	M.Sc. in Pharmaceutical			16	-	-	-	-	-
Physics	M.Sc. in Physics of Materials	02	-	17	-	05	-	01	01
	M.Sc. in Medical Physics			-	-	04			-
Science Education	M.Sc. in Science Education	-	-	108	-	22	-	-	-
	PG Diploma in Science Education			-	28	-			45
Statistics & Computer Science	M.Sc. in Applied Statistics	03	-	27	-	05	05	02	14
	M.Sc. in Computer Science			62	-	41			01
	PG Diploma in IT			-	-	-			-
	M.Sc. in Information Technology			41	-	-			-
Mathematics	Industrial Mathematics	02	-	13	-	01	-	01	06
Zoology	Applied Epidemiology	03	-	16	-	03	02	01	01
TOTAL		34	01	593	28	165	21	12	119

* Note: Students graduated are from the previous batches

06. Details of Foreign Students:

Institute	Course	Medium	Intake 2016	1 st year students	2 nd year students	3 rd year students	4 th year students	No of graduated
PGIS	GIS & Remote Sensing	English	-	-	-	-	-	01

07. Details of Academic Staff (Visiting):

Institute	Subject	Medium	Senior Professor/ Professor/ Assoc. Professor	Senior Lecturer/ Lecturer	Instructor
PGIS	Experimental Biotechnology	English	05	06	10
	Analytical Chemistry		04	10	20
	Industrial Chemistry		11	17	04
	Clinical Biochemistry		04	17	03
	Nanoscience & Nanotechnology		14	08	06
	Disaster Management		05	20	-
	GIS & Remote Sensing		02	15	-
	Engineering Geology & Hydrogeology		04	15	01
	Gemology and Industrial Minerals				
	Water Resources Management		09	10	-
	Environmental Science		06	16	06
	Biodiversity, Ecotourism & Environmental Management		08	09	03
	Industrial Mathematics		02	11	-
	Information Technology		04	12	-
	Physics of Materials		06	08	05
Medical Physics					

	Medical Microbiology		02	21	01
	Science Education		17	49	09
	Pharmaceutical Botany		09	27	01
	Diploma in Science Education		-	10	-
	Applied Statistics		02	12	-
	Computer Science		03	10	03
	Applied Epidemiology		05	10	-
	TOTAL		122	313	72

08. Details of Academic/Non-Academic Staff:

Institute	Subject	Medium	Senior Professor/ Professor/ Assoc. Professor	Senior Lecturer/ Lecturer	Instructor
PGIS	Experimental Biotechnology	English	03	06	09
	Analytical Chemistry		04	09	27
	Industrial Chemistry		11	16	05
	Nan science & Nanotechnology		11	10	10
	Disaster Management		05	19	-
	GIS & Remote Sensing		02	16	01
	Engineering Geology & Hydrogeology		03	14	01
	Gemology and Industrial Minerals		04	22	01
	Water Resources Management		10	10	-
	Environmental Science		06	14	07

	Biodiversity, Ecotourism & Environmental Management		07	09	02
	Industrial Mathematics		01	08	-
	Physics of Materials		05	12	05
	Medical Physics		03	17	-
	Science Education		10	20	-
	Diploma in Science Education		-	12	-
	Applied Statistics		02	11	-
	Computer Science		03	11	03
	Applied Epidemiology		06	09	02
	TOTAL		96	245	73

09. Details of Research, Innovation and Publications:

Subject	Published	Commercialized	Presented
a. No. of Researches	150	-	206
b. No. of Innovations	-	-	-
c. No. of Journals	-	-	-
d. No. of Books	Four 1. Research Highlights of the PGIS 2. Proceedings: PGIS Research Congress 2016 3. Proceedings: International Symposium on Water Quality 4. PGIS on Its Journey Toward Success	-	-
e. No. of Articles	10	-	-
f. Others	Two 1. PGIS Newsletter (Volume 17, 2016. Nos. 1-2) 2. PGIS Newsletter (Volume 17, 2016. Nos. 3-4)	-	-

10. (a) . Ph.D , M.Phil and M.Sc DEGREES AWARDED & TITLES OF THESES

Ph.D. and M.Phil. DEGREES AWARDED in 2016

Degree Awardees

Titles of Theses

Ph.D. – Biochemistry and Molecular Biology

01. W B W M R Y C Aluwihare Identification of the genomic regions associated with phosphorus deficiency tolerance in Sri Lankan rice germplasm for marker assisted breeding
Supervisors: Dr. S D S S Sooriyapathirana and Dr. S Rajapakse

Ph.D. – Chemical Sciences

01. K A N P Katuwavila Improving the bioavailability of bioactive components for drug and cosmetic based applications
Supervisors: Prof V Karunaratne, Prof. D N Karunaratne and Prof. A D L C Perera
02. H M S Wasana Assessment of drinking water quality towards the identification of causative factors for chronic kidney disease of unknown etiology (CKDu)
Supervisors: J M S Bandara, Prof. R Weerasooriya and Dr. P D S Gunawardhana
03. K G C Senarathna Development of nanoclay-polymer composites as low-cost oxygen reduction electrocatalysts
Supervisors: Prof. R M G Rajapakse and Prof. H M N Bandara
04. W M N M B Wanninayake Use of quasi-solid-state electrolytes in dye-sensitized solar cells based on TiO₂ and SnO₂ semiconductor materials
Supervisors: Prof. K Premaratne and Prof. R M G Rajapakse

Ph.D. – Earth Sciences

01. T H N G Amaraweera Development of Sri Lankan vein graphite and modification of Li(Ni_{1/3}Mn_{1/3}Co_{1/3})O₂ as electrode materials for lithium-ion rechargeable batteries
Supervisors: Dr. H W M A C Wijayasinghe, Dr. A M A N B Attanayake and Prof. M A K L Dissanayake

Ph.D. – Mathematics

01. T Mathanaranjan Investigation on Hermitian and non-Hermitian isospectral counterparts
Supervisors: Prof. A Nanayakkara and Dr. S P C Perera

Ph.D. – Physics

01. H N M Sarangika Development of electrochemical devices based on TiO₂ and novel quasi solid (gel) polymer electrolytes
Supervisors: Prof. M K A L Dissanayake and Dr. G R K Senadheera

Ph.D. – Plant Sciences

01. T Thileepan Evaluation of antimicrobial activity of Parankipaddai Kudineer (Decoction) used in skin diseases
Supervisors: Prof. V Thevanesam and Dr. S Shelvandran

Ph.D. – Statistics and Computer Science

01. S N Gunasekara Development of a computer based analysis and learning support system for North Indian classical music
Supervisors: Dr. J V Wijayakulasooriya and Dr. S P C Perera
02. S Arumairajan A ridge type estimation and preliminary test estimation in linear regression model
Supervisors: Prof. P Wijekoon

Ph.D. – Zoological Sciences

01. K B Ranawana Distribution and ecology of land snails in the Knuckles Conservation Forest, Sri Lanka
Supervisors: Prof. Fred Naggs and Prof. Y N A Jayatunga

M.Phil. – Chemical Sciences

01. M U S Wickramasooriya Kinetics and equilibrium aspects of interaction of heavy metal ions and peat in modified forms
Supervisors: Prof. H M D Namal Priyantha and Dr. Linda B L Lim
02. M A R N Wijesinghe Aloe Vera incorporated beverages: development, chemical characterization and clinical evaluation on newly diagnosed Type 2 diabetes mellitus
Supervisor: Prof. A N Nawaratne, Prof. D C K Ileperuma and Dr. K A Nasar
03. K G E Padmathilake Chemistry and bioactivity of the secondary metabolites isolated from the seeds of *Pouteria Campechiana* and associated Endophytic Fungi
Supervisor: Prof. U L B Jayasinghe and Prof. N S Kumar
04. A A G D Amarasooriya Formation mechanisms of trihalomethane by chlorination in Sri Lankan drinking water
Supervisors: Dr. Min Mowjood, Dr. S K Weeragoda and Prof. R Weerasooriya
05. C L Kehelpannala Naphthoquinones produced by the fungus *Monacrosporium ambrosium* from tea (*Camellia sinensis*) in culture media; biological activity, effect on caffeine and fungal growth in the presence of trace Metal Ions
Supervisors: Prof. N S Kumar and Prof. U L B Jayasinghe
06. D Thanabalasingam Chemistry and bioactivity of the secondary metabolites produced by the endophytic fungi isolated from *Coccinia grandis* and *Artocarpus altilis*
Supervisors: Prof. N S Kumar and Prof. U L B Jayasinghe
07. W M A W R K Weerasekara Crystal engineered fulgides with enhanced properties suitable for memories and switches
Supervisors: Dr. C V Hettiarachchi and Prof. R M G Rajapakse
08. H K D S Y Ratnayake A novel radiation-induced grafting methodology to synthesize stable zero valent iron nanoparticles at ambient atmospheric conditions and its application in the reduction of Nitrate
Supervisors: Prof. Rohan Weerasooriya and Dr. R Wijewardhana
09. A M C Senaviratne A study of the performance of cobalt phenanthroline based liquid and gel electrolytes in dye-sensitized solar cells
Supervisors: Prof. H M N Bandara, Prof. R M G Rajapakse, Prof. O A Illeperuma and Dr. V A Seneviratne

M.Phil. – Earth Sciences

01. R M K M Rathnayake Exploring late quaternary monsoon variability using marine and terrestrial sedimentary archives of Sri Lanka
Supervisors: Dr. P N Ranasinghe and Dr. T Hewawasam

***M.Phil.* – Environmental Science**

- 01 S M P R Kumarathilaka Mobilization of metals and organics and its neutralization in serpentine soils under influence of perchlorate and chlorate
Supervisors: Dr. M Vithanage and Prof. S Indraratne
02. S S Mayakaduwage Possible use of biochar derived from rice husk and tea water for remediation of carbofuran in environment
Supervisors: Dr. M Vithanage and Ms. A Karunaratne

***M.Phil.* – Plant Sciences**

- 01 K H Wijayabandara Effect of several pre - and postharvest treatments on the performance of *Ophiopogon japonicus* ornamental foliage plant
Supervisors: Dr. J W Damunupola, Dr. S A Krishnarajah, Dr. W A M Daundasekara and Dr. D S A Wijesundara
02. K A C N Seneviratne Development of propagation techniques and biocontrol measures for major diseases of *Zamioculcas zamiifolia* (zz plant)
Supervisors: Dr. M Daundasekara, Prof. S A Kulasoorya and Dr. D S A Wijesundara

***M.Phil.* – Statistics and Computer Science**

01. M A P Chamikara Crime data analysis framework with geographical information support for intelligence Led policing
Supervisor: Dr. Y P R D Yapa, Prof. S R Kodithuwakku, Dr. R Nawaratne and Dr. Jagath Gunathilake
- 02 H R K Nagahamulla Short term rainfall forecasting using artificial intelligence techniques
Supervisor: Dr. D A A C Rathnaweera and Dr. U R Rathnayake
03. N D Liyanagedara Artificial intelligence system for machinery fault detection
Supervisor: Dr. A C Rathnaweera and Dr. D I B Randeniya
04. K A D G Kuruppu Performance evaluation in sports using trajectory analysis
Supervisor: Dr. U A J Pinidiyaarachchi and Prof. S R Kodithuwakku
05. R R Nanayakkara Computer aided mammographic mass detection
Supervisor: Prof. P Wijekoon and Dr. Y P R D Yapa

***M.Phil.* – Zoological Sciences**

01. G C P Diyes Life history, population dynamics, infectious agents and control of spinose ear tick *Otobius Megnini* associated with horse otoacariasis
Supervisors: Prof. R S Rajakaruna
02. B J G Jayawardhana Molecular Phylogenetics and Phylogeography of two Bufonid lineages (anura: bufonidae: adenominae) of Sri Lanka
Supervisors: Dr. M Meegaskumbura, Dr. S Rajapaksha and Dr. S Meegaskumbura

M.Sc. DEGREES AWARDED in 2016

<i>Awardees</i>	<i>Titles of Research Project Reports</i>
M.Sc. – Analytical Chemistry	
01. I N Wickramathilaka	Corrosion prevention of galvanized steel using eugenol extract in HCl
02. W I K Warnakula	Enhancement of Cu(II) and Cr(II) removal by humic acid extracted from Muthurajawala peat
03. P V G M Rathnayake	A comparative study on the binding of cell penetrating peptides to siRNA using molecular docking
04. M E J Seneviratne	Development and validation of a rapid and simple gas chromatographic method for the determination of additional volatile compounds in liquor
05. K P W B S B Karunathilaka	Bioactivity studies of some plants used in traditional medicine for treatments of Asthma in Sri Lanka
06. B W S N K Batagalla	Removal of fuchsine from aqueous solution by seed pod powder of giant sensitive tree (<i>Mimosa pigra</i>)
07. N S P Ariyasena	Identification of the optimum pasteurization conditions for goat milk
08. C C Warapitiya	Study of physicochemical parameters of Atorvastatin tablets in Sri Lankan market
09. L W V Priyadarshana	Heavy metal contamination in road dust from Colombo-Katunayake Expressway, E03
10. A G S Dayarathna	Determination of selenium content in conventional leafy green vegetables consumed by Sri Lankans
11. Y A Priyadarshana	Chemistry and bioactivity of <i>Acrotrema uniflorum</i> root
12. I S W Gallindawatte	Computational study on steric effects of furylfulgide photoisomerisation
13. H G A Somasiri	Clay polymer nanocomposites investigation of electrolyte properties of intercalated montmorillonite and poly (Ethylene Oxide) nanocomposite
14. D C Karunathilaka	Dynamics of adsorption of copper(II) and cadmium(II) by coffee husks from aqueous solutions
M.Sc. – Applied Epidemiology	
01. B C G Mendis	Coprolologic survey in Monkey Troops (<i>Macaca sinica</i>) in three selected sites in Kandy
02. S R Vidanagamage	Epidemiological study on subclinical mastitis in smallholder dairy farms in Thalawakele Government Veterinary range
03. T G N S Gunarathne	Use of well woman clinic and assessment of its associated factors among Female non-academic employees of University of Peradeniya
M.Sc. – Applied Statistics	
01. K M W G T Meerigama	Comparative analysis of dimension reduction techniques for K-Means clustering in High-Dimensional data
02. A G S K Warnakulasooriya	Statistical analysis of road accidents in Kandy, Sri Lanka
03. M K H Karunaratne	Investigation of interdependence between rainfall and wind speed in Colombo, Sri Lanka using Copula Method
04. A L A P M Athapaththu	Investigation on generalized lambda distribution and a model to predict wind speed in Pullalam District
05. H M A K Jayathilaka	Analysis of drought using trivariate copulas in Hambantota District
06. N W K S K Nanayakkara	Drought duration and severity analysis using the Copula Method in Puttalam, Sri Lanka

M.Sc. – Biodiversity, Ecotourism and Environment Management

01. A W M Azam Transnational trading of biological materials and products from Sri Lanka

M.Sc. – Computer Science

01. H M S K B Herath Investigating an enhanced implementation of Aho-Corasick and Commentz-water string matching algorithms
02. S Garigaraganapathy Location based reminder system for Android Devices
03. S Kirushanth Unexpected human activity detection using Android Smart Phones
04. M S Samarakoon Design and development of an information system for the Postgraduate Institute of Science, University of Peradeniya
05. D R Y M Deegalla Course work M.Sc. degree
06. S Kesavamoorthy Course work M.Sc. degree
07. J K G S Jayasinghe Course work M.Sc. degree
08. K Vijayasundaram Course work M.Sc. degree
09. T D P Dharmawardhana Guide 4 U mobile navigation app for guide a person inside garden
10. G Sashikumaran Developing an application to encourage local social networking game in Android Phones
11. R K P Kumara Web based Medical Rep management system for Biomed International (Pvt.) Ltd
12. A S Amarasinghe A novel method to enhance mammograms for abnormal detection
13. H P S U Jayathilaka Development of web based system for School Dental Therapists
14. H M A B Herath Information system based on Onboard Diagnostic – II communication protocol
15. M W K D V P Opatha Development of a chaos based image encryption and decryption algorithm for RGB images
16. S L Z Ahamed Development of a web based personnel governance system
17. A S P Arachchi Teacher mapping system for development, replacement and recruitment
18. S S Herath Course work M.Sc. degree
19. D M Ekanayake Development of web-based information management system for Zonal Education Office-Kandy
20. R W J C Rajasinghe Development of a web based animal information management system
21. B K P K Perera Short-term univariate forecasting of Electricity load demand
22. W G A Wimalasena Development of trip schedules creator for Sri Lanka
23. K W M S B Kamathewatta Linking border theory and job performance: Investigating the effects of border crossing on the performance of IT professionals
24. K Vignaraja Analyzing the electricity break down and developing breakdown maintenance system to improve an efficient electricity distribution
25. J A M N D De Silva Course work M.Sc. degree
26. A K N L Aththanagoda Speaker identification based user authentication system
27. P G G M K Herath Web based student management system for Victory College
28. T M K S Tennakoon Development of a spell checker for Sinhala language
29. D Gajen Course work M.Sc. degree
30. M S W Fernando Course work M.Sc. degree
31. K A S Gunasekara Course work M.Sc. degree
32. J J Hariyaram Course work M.Sc. degree
33. H M S A Hewanayake Course work M.Sc. degree
34. S T Jarashanath Course work M.Sc. degree

- | | | |
|-----|-----------------------------|---|
| 35. | K P Mahawattege | Course work M.Sc. degree |
| 36. | S R S N B M P C Puswella | Course work M.Sc. degree |
| 37. | G Sivayogalingam | Course work M.Sc. degree |
| 38. | N Thinesh | Course work M.Sc. degree |
| 39. | S L M Warnasooriya | Course work M.Sc. degree |
| 40. | W M M K Weerasekara | Course work M.Sc. degree |
| 41. | N W A M U A D T Weerasinghe | Course work M.Sc. degree |
| 42. | Y M R D Wepathana | Course work M.Sc. degree |
| 43. | J H T G Jayathilaka | RPI-PHP: a web based application programming interface (API) for Raspberry PI |

M.Sc. – Disaster Management

- | | | |
|-----|-----------------------|--|
| 01. | D I S Jayasinghe | A Sociological study of Army deserters (Causes and consequences) Sri Lanka |
| 02. | C A Walawwatte | Statistical analysis of rainfall and temperature in Kandy area to study the effects on Disasters |
| 03. | C T R Siriwardana | Qualitative analysis of common health conditions in agricultural animals in Biyagama Government Veterinary range |
| 04. | J M M C K Jayasundara | Analysis of agrochemical usage in up-country vegetable farming |
| 05. | K Parthipan | Mitigation of flood risk in the Mannar Urban Council area |

M.Sc. – Engineering Geology & Hydrogeology

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|-----|------------------------|--|
| 01. | D M P K Gunasekara | Geological problems and solutions for Wilakandiya Tank under construction Mahiyanganaya-Sri Lanka |
| 02. | P D Prasad | Assessment of groundwater potential in Nikatiyadda Oya watershed and improvement of water supply scheme-Kadhanhena |
| 03. | S M U S B Samarathunge | Groundwater quality assessment in North Central part of Sri Lanka |
| 04. | M D Janaka | Difficulties in tunneling through weak geological zones - case study at MPANGA hydropower project, Uganda |
| 05. | I R Wickramathilake | Engineering geological evaluation and rock mass characterization of Kaluganga main dam site |

M.Sc. – Environmental Science

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|-----|-----------------------|---|
| 01. | W P S Wijethilaka | Mitigation of human monkey conflict and protect the agriculture production in Maligatenna area |
| 02. | S S R Pathmakumara | Economic evaluation of cleaner production options at Ranweli Holiday Village, Sri Lanka |
| 03. | S Dharshini | Study of the variation of water quality and plankton abundance in Batticaloa Lagoon |
| 04. | M D Chathurangani | Control further spread of <i>Mayaca fluviatilis</i> Abubl.: An ornamental aquatic with invasive potential in Sri Lanka |
| 05. | M G P Bandara | Municipal landfill leachate treatment using hybrid constructed wetlands |
| 06. | H M G R Senevirathna | Farmers' adaption to the impact of extreme weather events: perception, barriers and determinants in selected Divisional Sectors in Polonnaruwa District |
| 07. | B B Kangaraarachchi | Carbon stocks and carbon fractions in paddy fields of Polonnaruwa District of Sri Lanka |
| 08. | S H Ranasinghe | Removal of Pb ²⁺ and Ni ²⁺ using fired brick clay |
| 09. | G Y A N Sarathchandra | Study of the goitre distribution of Nuwara-Eliya District by means of level of |

- Iodine and Selenium content in drinking water sources
10. K G S De Silva Survey on Health care waste management in Government Hospitals of Kurunegala District and proposal for improving the disposal mechanism
 11. S P S Bandara Assessment of groundwater quality in Gampaha District with special reference to Rathupaswala area

M.Sc. – Experimental Biotechnology

01. J D Thilagam Assessment of the Morpho-Genetic diversity and the antimicrobial activity of *Solanum* spp. found in Uva Province, Sri Lanka
02. T C M F Karunarathna Occurrence of serine protease inhibitory activity in the bark extract of *Entada pursaetha*
03. K Sekar Development of cleaved amplified polymorphic DNA (Cap) assay to distinguish the subpictus of *Anopheles subpictus* in Sri Lanka
04. P Harrchun Isolation and characterization of phosphate solubilizing bacteria from a phosphate deposit in Eppawala, Sri Lanka for biofertilizer production

M.Sc. – Gemmology & Industrial minerals

01. G D Ranatunga Qualitative methods for the identification of synthetic and natural corundum: a study using XRD analysis
02. U K A S Yapa Mineralogical, geochemical and depositional characteristics of residual, eluvial and alluvial gem deposits in Kolonna, Sri Lanka

M.Sc. – GIS & Remote Sensing

01. N A Ekanayake Estimation of paddy cultivated area by using remote sensing for yield forecasting: case study from Pallepola Divisional Secretariat Division
02. K K E A A C S Ihalawela Online Irrigation performance assessment tool a case study in Hakra 4R irrigation canal Pakistan
03. N S W S P Nanayakkara Determination of the quasi geoid of Sri Lanka based on EGM2008
04. M G N R Karunasena Numerical simulation and GIS based analysis for debris flow modeling a case study from Badulla District, Sri Lanka
05. A H K K Pathmadewa Feature enhancement from remote sensing images with modified filtering techniques using interactive data language programming environment
06. P L Pradeep Development an emergency service management system for ambulances and fire-fighting vehicles
07. D S K Algama An application for quality management of digital geospatial data in survey Department of Sri Lanka
08. G H M Perera Generalization of 1:10000 building, landuse and contour data for the production of 1:50000 data
09. E H Liyanaathukorala A GIS – assisted early assessment of the implementation constraints for utility corridor
10. T M D S Gunasekara Geographical information system to mobilize banking products
11. W A L Wickramanayake Water management analysis for different cultivation based Udawalawe Reservoir Sri Lanka
12. C N Thilakarathne Investigation of factors responsible for the kidney disease in Medawachchiya Divisional Secretariat in Anuradhapura District, Sri Lanka
13. P G K D Palandagama GIS intelligent solution for mineral resources estimation of narrow vein type ore body at Bogala underground Graphite Mine, Aruggammana, Sri Lanka
14. H L R Perera A web based geographical information system to empower high level data users of the Department of Census and Statistics, Sri Lanka
15. D D U Anjana GIS based spatial analysis on socio-environmental factors affecting school

16. W M M P K Bandara Applications of spatial and statistical methods for prediction of gem potential areas A case study from Monaragala District, Sri Lanka
17. A A A Chinthaka Participatory and mobile GIS based community hazard warning system
18. K Thulsivarman Study of suitable methods of building extraction from high-resolution satellite Imageries- A case study of Jaffna, Sri Lanka
19. S Deepakrishna Automatic feature extraction from satellite images using Artificial Neural Network
20. T Jayasinghe Spatial distribution of Government Schools in Colombo District
21. K M S U K Chandrathilaka Ecotourism using GIS and suitable evaluation (case study of Matale District)
22. G A M D Gunarathna Spatial and temporal analysis of malaria incidence in Anuradhapura District
23. N Masoumi Spatial identification of dengue fever outbreak in Kandy Municipal area by GIS Technology

M.Sc. – Industrial Chemistry

01. N V M Gunawardhana Assessment of selective heavy metal contents in soil and rice grains of selective fields in the dry and intermediate Zones of Sri Lanka

M.Sc. – Industrial Mathematics

01. A S M P M B Agalawatte Rainfall and temperature prediction using Markov Chains: A study for Sri Lanka

M.Sc. – Medical Microbiology

01. H D Koswatta Screening for selective immunoglobulin - A deficiency among blood donors in Sri Lanka
02. P K S Tissera Mechanisms of resist and clonality among gram negative bacteria isolated from respiratory secretions of patients admitted to an intensive care unit
03. S D Nanayakkara Maternal colonization with potential pathogens of neonatal sepsis; enterobacteriaceae and group B *Streptococcus*
04. M M F Fara cellular and virological changes with reference to cytopathic effect and virus load in dengue virus co-infections and super-infections *in vitro*
05. S Theneshkar Protection following vaccination with a particular brand Hepatitis B vaccine in a cohort of medical students
06. E A S P Edirisinghe Isolation and identification of *Salmonella* and *Staphylococcus aureus* in chicken sausages in Sri Lanka

M.Sc. – Medical Physics

01. K A P Sanjeewa The average eye lens dose received by the international cardiologists working at Cardiology Department at National Hospitals in Sri Lanka
02. Y P Y P Ariyasinghe Verification of tangential breast treatment dose calculations in a commercial 2D treatment planning system
03. T R C K Wijayarathna A basic assessment for quality assurance of computed radiography (CR) using general X-Ray system
04. R A Weerasinghe Evaluation and comparison of surface dose of the thyroid gland in Dental Radiography and Cone Beam Computed Tomography

M.Sc. – Nanoscience & Nanotechnology

01. K K H De Silva Crystallinity and porosity of hydrothermally synthesized hydroxyapatite nanoparticles in a mixed solvent system

02. G P N J Punchihewa Synthesis and characterization of thin films of cobalt on polyaniline films
03. W M S S Wanigasekara Sri Lankan natural graphite as a low cost counter electrode for dye-sensitized solar cells
04. H A Y N Perera Effect of stabilizing mechanisms on the stability and the dispersity of gold nanoparticles
05. A M S L B Attanayake anti-corrosive properties of alkyd resin/polyniline/calcium carbonate nanoparticles at various pH values on mild steel surfaces
06. L Y Rangali Performance of metal-free organic dyes with complementary absorption in zinc oxide dye-sensitized solar cells
07. H Y Aly The purification and partial characterization of foam nest protein of *Polypedates cruciger*
08. G L A V Liyanage Partial purification and characterization of serine protease inhibitors from *Pterocarpus marsupium*
09. B P U M Deshapriya Enhanced performance of ZnO based dye-sensitized solar cells with a ZnO dense layer
10. K Robinson Fabrication of multi-layer graphene based counter electrodes for dye-sensitized solar cells
11. A L Bandara Sri Lankan vein graphite as a catalytic counter electrode materials for SnO₂/ZnO based dye-sensitized solar cells

M.Sc. – Physics of Materials

01. P V H L Kulathunga Use of agricultural waste as sound absorbing materials and their dependence on density
02. S P T K Pathirana Magnesium titanate as an anode materials for lithium ion batteries
03. D M C U Dissanayake Characterization of sol-gel spin coated nanocrystalline cadmium sulphide thin films
04. J A M S Jayasinghe Photofabrication of silver nanoparticles using *Riccia* sp.
05. R D S M Gunatissa Efficiency enhancement of dye-sensitized solar cells incorporating Ag and Cu nanoparticles in the TiO₂ photoanodes

M.Sc. – Science Education

01. K Ramani Computer assisted self learning study package for G.C.E (Advanced Level) students to enhance the understanding of polymers and polymer management
02. G R M K K Ratnayake Use of concept maps to teach Grade 10 Biology lessons
03. N K D Wickramasinghe Application of concept mapping in teaching cell Biology to Grade 10 students
04. A Vigneshwary Introducing an activity booklet to enhance the knowledge on inorganic qualitative analysis in G.C.E. (A/L) Chemistry: A case study in Nuwara Eliya Educational Zone
05. D M M P Dissanayake Investigation of teaching approaches used in teaching Chemistry in Grade 11: A case study in Walapane Education Zone
06. J Uthayan Investigation of factors affecting for poor performance in Science subject in the G.C.E.(O/L) in the Island Zone of Jaffna District in Sri Lanka
07. T N P Jayarathna Perceptions of intellectuals and students on traditional medicine: towards amalgamation of traditional medicine to science curriculum
08. M A P Makawita Preparation of a study package on tissue culture for G.C.E. (A/L) Biology curriculum (Unit 10)
09. N P Rajapaksha Identification of factor affecting interest on science of Grade Eleven students in Matale Educational Zone
10. W M C K Basnayake Relation between academic performance of students at University Level and G.C.E.(Advanced Level): A case study at the Faculty of Science, University of Peradeniya, Sri Lanka
11. N Prashanthan Use of activity based instructional method to enhance performance on algebraic

		Inequalities: A case study of Ninth Graders in Jaffna Educational Zone
12.	R Dhinesh	Effects of activity based learning on conceptual understanding of fractions; a study based from Seventh Graders in Jaffna Educational Zone
13.	A H Riyaza	Use of supplementary material to enhance learning electronic energy levels of Atoms: A case study with Grade 12 students in Matale Educational Zone
14.	P E Ilukkumbura	Factors affecting students' selection of G.C.E Advanced Level Science subjects: a case study of Sinhala Medium students in Nuwara Eliya Educational Zone
15.	K R W M V K Uduwela	Identifying the factors related to the achievement in Chemistry at G.C.E. Advanced Level Examination in Kegalle District
16.	J C K Ekanayake	Models as effective teaching aids to teach sensory system of human
17.	S N Thilakarathne	Use of different teaching strategies to stabilize learning of the Unit 3 (Dynamic nature of the Environment in Grade 8 students)
18.	B R N Dissanayake	Assessment of the effectiveness of using concept maps to teach the lesson on diversity of plants
19.	D P J S Pathirana	Effects of games and stories on Grades Six and Seven students' achievement and interest on learning Mathematics
20.	N T Samarappuli	Investigation of the relations of students' self-concepts on Mechanics, Electricity and Waves with their achievement
21.	H J N Hettiarachchi	Investigation of the relationship between students' self-concepts in Physics (Forces, Pressure and Energy –Work & Power) and their achievements
22.	A M N Athapattu	The effectiveness of the constructivist approach with the concept mapping for Advanced Level Physics learning

10. (B) Details of Workshops, Short Courses, Symposia, etc. – 2016

Event	Coordinator(s) (Board of Study)	Date(s)	No. of Participants
Workshop on Research Methods and Data Analysis using SPSS	Dr. Y P R D Yapa (Statistics and Computer Science)	Jan. 2, 16 and 23	25
3 rd National Workshop on Scientific Writing	Dr. N C Bandara (PGIS)	Jan. 30 - 31	70
55 th Short Course on GIS and Applications	Dr. Jagath Gunatilake (Earth Sciences)	Feb. 17 - 22	29
1 st National Workshop on Data Management, Analysis and Interpretation	Dr. N C Bandara (PGIS)	Feb. 20 - 21	62
16 th Advanced Short Course on GIS and Applications	Dr. Jagath Gunatilake (Earth Sciences)	March 3 - 8	20
4 th National Workshop on Scientific Writing	Dr. N C Bandara (PGIS)	March 6 - 7	77
4 th Regional Training Course on Disaster Resilient Leadership Organized in collaboration with BMGF, TU, DRLA and ADPC* at Earls Regency Hotel	Prof. B S B Karunaratne Dr. Jagath Gunatilake (Earth Sciences)	March 17 - 21	37
56 th Short Course on GIS and Applications	Dr. Jagath Gunatilake	March 31 -	29

	(Earth Sciences)	April 5	
57 th Short Course on GIS and Applications	Dr. Jagath Gunatilake (Earth Sciences)	April 21 - 26	26
17 th Advanced Short Course on GIS and Applications	Dr. Jagath Gunatilake (Earth Sciences)	June 23 - 28	13
3 rd International Symposium on Water Quality and Human Health Organized in collaboration with the Faculty of Medicine, University of Peradeniya, Institute of Fundamental Studies, Sri Lanka, PLAN Sri Lanka, International Research Center, University of Peradeniya and in technical association with CAFET INNOVA Technical Society, INDIA	Dr. S Yatigammana Mr. C Wijesundara (Environmental Science)	June 27 - 28	102
5 th Regional Training Course on Disaster Resilient Leadership Organized in collaboration with BMGF, TU, DRLA and ADPC*, Bangkok, Thailand	Prof. B S B Karunaratne Dr. Jagath Gunatilake (Earth Sciences)	July 7 - 11	35
Workshop on Mushroom Production Technology	Dr. M Daundasekara (Plant Sciences)	July 18	28
58 th Short Course on GIS and Applications	Dr. Jagath Gunatilake (Earth Sciences)	July 28 - Aug 2	20
Short Course on ISO 14001 Organized in collaboration with the Centre for Environmental Studies, University of Peradeniya at the Department of Geology	Dr. Jagath Gunatilake Dr. S P Nissanka (Earth Sciences)	Aug. 23 - 24	143
Short Course on Human Resources Management Organized in collaboration with the Centre for Environmental Studies, University of Peradeniya and conducted at the Department of Geology	Dr. Jagath Gunatilake (Earth Sciences)	Aug. 30 - 31	151
Short Course on Human Resources Management Organized in collaboration with the Centre for Environmental Studies, University of Peradeniya and conducted at the Department of Geology	Dr. Jagath Gunatilake Dr. S P Nissanka (Earth Sciences)	Sep. 13 - 14	154
GIS Training Programme on Landscape Archaeology	Dr. H M T G A Pitawala Dr. Jagath Gunatilake (Earth Sciences)	Oct. 3, 6 - 9	35
PGIS Research Congress 2014 Organized in collaboration with the University Grants Commission (UGC), International Research Center (InRC), University of Peradeniya, Analytical Instruments, Techno Instruments (Pvt) Ltd, Bitumix (Pvt) Ltd, People's Bank and Bank of Ceylon	Organizing Committee Prof. S R Kodituwakku (Congress Coordinator) Dr. R J K U Ranatunga (Congress Secretary) (PGIS)	Oct. 10 - 11	264
SAARC Training Programme on 'Post Disaster Need Assessment' Organized in collaboration with the Disaster	Dr. Jagath Gunatilake (Earth Sciences)	Oct. 13 - 17	36

Management Center (DMC) and SAARC-DMC			
Workshop on Plant Defense	Dr. Malkanthi Daundasekara (Plant Sciences)	Oct. 31	23
Advanced Course in Organic Chemistry	Prof. U L B Jayasinghe (Chemical Sciences)	Nov. 8 - May 2015	18
Workshop for National Capacity Building on “Earth Observation Technologies for Flood Risk Mapping, Modeling and Management” Organized in collaboration with the International Water Management Institute (IWMI), United Nations Office for Outer Space Affairs (UNOOSA) and Disaster Management Centre (DMC)	Dr. Jagath Gunatilake (Earth Sciences)	Nov. 18 - 21	25
59 th Short Course on GIS and Applications	Dr. Jagath Gunatilake (Earth Sciences)	Dec. 1 - 6	19
5 th National Workshop on Scientific Writing	Dr. N C Bandara (PGIS)	Dec. 4 - 5	80
Workshop on Electrochemical Water Treatment	Dr. K G N Nanayakkara (Environmental Science)	Dec. 12	54
Workshop on ‘Intellectual Property and Patents’ (Patent it) Organized in collaboration with the National Intellectual Property Office of Sri Lanka (NIPO)	Dr. N Suranjith Gama-Arachchige (PGIS)	Dec. 19	69
Exhibition on Disaster Resilient Leadership in Hambanthota Organized as an activity parallel to ‘10 th Anniversary of Tsunami 2004’	Prof. B S B Karunaratne (Earth Sciences)	Dec. 26	~30
Total			1674

* BMGF - Bill and Melinda Gates Foundation, TU - Tulane University, DRLA - Disaster Resilient Leadership Academy and ADPC - Asian Disaster Preparedness Centre

11. Details of Awards Received

Subject	No. of Awards	No. of Academics* ** Administrative	No. of Students
a. Local Awards (PGIS Scholarships) Awards for best presentation (PGIS	07		07

Congress)			
b. National Awards	Three 1. Presidential Awards 2. SUSRED Awards 3. Third World Academy of Sciences	33	-
c. International Awards (ERASMUS Mobility Award)	01	01	03
d. Others	-	-	-

* PGIS has only Visiting Academics

12. Details of New Courses Started

Institute	Course	Medium	PG Diploma	Masters	M.Phil.	Ph.D.
PGIS	Information Technology	English		01		
	Pharmaceutical Botany			01		

13. Details of Recurrent Expenditure:

Subject	2015 (Rs.)	2016 (Rs.)
a. Personal Emoluments	36,841,945.00	47,216,446.00
b. Traveling	1,267,417.00	1,106,542.00
c. Supplies	3,116,832.00	4,065,321.00
d. Maintenance	1,860,403.00	1,054,205.00
e. Contractual Services	4,287,709.00	4,520,657.00
f. Others	28,289,742.00	30,233,044.00
TOTAL	75,664,048.00	88,196,215.00

14. Capital Expenditure:

Subject	2015 (Rs.)	2016 (Rs.)
a. Acquisition of Furniture & Office Equipment	20,309,813.80	3,615,964.63
b. Acquisition of Machineries (Laboratory Instruments)		8,676,610.00
c. Acquisition of Building & Structures		
d. Others		

15. Details of Projects Expenditure (Local/Foreign Funded) Year 2016

Name and Details	Grant	Funding Agency	TCE Rs.	RFA Rs.	DF Rs.
RG/2016/BS/01 (6268) Prof. R M G Rajapakse	NSF Grant	National Science Foundation	4,975,000.00	--	--
RG/2016/BS/05 (6267) Dr. C V Hettiarachchi	NSF Grant	National Science Foundation	4,059,500.00	--	--
RG/2016/EB/01 (6266) Dr. S C K Rubasinghe	NSF Grant	National Science Foundation	2,295,425.00	--	--
RG/2016/BS/02 (6265) Prof. Anura Wickramasinghe	NSF Grant	National Science Foundation	4,147,000.00	--	--
RG/2015/EB/02 (6262) Dr. J W Damunupola	NSF Grant	National Science Foundation	3,663,210.00	--	--
RG/2014/EB/02 (6256) Prof. R S Rajakaruna	NSF Grant	National Science Foundation	2,959,400.00	--	--
RG/2014/EB/04 (6257)	NSF Grant	National Science	3,521,100.00	--	--

Dr. S Meegaskumbura		Foundation			
NSF/SCH/2013/01(6253)	NSF Grant	National Science	990,000.00	--	--
Ms. K M G Kaushalya Pamunuwa		Foundation			
PGIS/M.Phil/12/413 (6248)	HETC Project	Ministry of Higher			
Ms. L C P T Liyanaarachchi		Education	1,550,000.00	--	--
UGC Research Scholarship Fund	UGC	University grants	750,000.00	--	--
Dr. Mrs. Pancharajah (6252)	Scholarship Project	Commission			
HETC Project (6254)	HETC Project	Ministry of Higher	850,000.00	--	--
Dr.(Mrs.) A M Muthalib		Education			
HETC Window 3 (6247)	HETC Project	Ministry of Higher	1,080,900.00	--	--
Director PGIS		Education			
RG/2012/BS/02 (6243)	NSF Grant	National Science	2,619,400.00	--	--
Prof. Namal Priyantha		Foundation			
RG/2012/BS/03 (6245)	NSF Grant	National Science	1,366,000.00	--	--
		Foundation			
RG/2012/BS/05 (6244)	NSF Grant	National Science	2,710,895.00	--	--
Prof. Namal Priyantha		Foundation			
NSF/Fellow/2010/02 (6235)	NSF Grant	National Science	1,300,000.00	--	--
Prof. J P Edirisinghe		Foundation			
RG/2011/BS/02 (6240)	NSF Grant	National Science	1,836,400.00	--	--
Prof.A D L C Perera		Foundation			
RG/2011/BS/03 (6238)	NSF Grant	National Science	1,860,000.00	--	--
Dr. V A Seneviratne		Foundation			
RG/2009/BS/01 (6220)	NSF Grant	National Science	3,145,000.00	--	--

Prof. A Wickramasinghe		Foundation			
Foreign Grants					
SLBI (Sivananthan Laboratories Bollingbrook, Illinois) Project (6261)	SLBI Project	SLBI (Sivananthan Laboratories Bollingbrook, Illinois,USA	496,000.00	--	--
Swedish Research Council Grant (6260)	IFS Sweden	International Foundation for Science sweden		--	--
IFS Swedish Research Council Grant	IFS Sweden	International Foundation for Science sweden	3,320,129.68	--	--
Prof. Rohana Chandrajith (6250)					
IFS Sweden Grant (6249)	IFS Sweden	International Foundation for Science sweden	1,451,306.50	--	--
PGIS/CH/M.Phil/11/394 Ms. H A P P B Jayathilake					
EEC Grant (6002) Prof. M A K L Dissanayake			726,916.40	--	--
DRAWIN Project (6095) Prof. I AU N Gunatilleka	Drawin Project	Drawin Institute of the UK	4,295,207.28 (GBP. 5,600.00)	--	--
Foreign Financing Project(6230) Prof. I AU N Gunatilleka	Foreign Grant	Gelmholtz- Zentrumfur	8,099,000.00 (Euro 50,000.00)	--	--
Consultancy Projects					
Consultancy Project R R DI 6263	Consultancy Project	Rice Research & Institute	200,000.00	--	--
Badulla Consultancy project RDA EIA Badulla (31219) Dr. J Gunatilake	Badulla Consultancy project	Road Development Authority	9,126,000.00	--	--

16. Details of Projects Expenditure (Local/Foreign Funded) 2016

Name	TCE Rs.	Expen. in 2015	Expen. in 2016	Cumulative Exp.	% Physical
RG/2016/BS/01 (6268)	4,975,000.00	--	256,939.00	256,939.00	5.16%
Prof. R M G Rajapakse					
RG/2016/BS/05 (6267)	4,059,500.00	--	168,448.00	168,448.00	4.15%
Dr. C V Hettiarachchi					
RG/2016/EB/01 (6266)	2,295,425.00	--	318,893.08	318,893.08	13.89%
Dr. S C K Rubasinghe					
RG/2016/BS/02 (6265)	4,147,000.00	--	246,688.71	246,688.71	5.95%
Pro. Anura Wickramasinghe					
RG/2015/EB/02 (6262)	3,663,210.00	5,687.40	1,336,684.28	1,342,371.68	36.64%
Dr. J W Damunupola					
RG/2014/EB/02 (6256)	2,959,400.00	1,336,684.28	1,473,038.54	2,809,722.82	94.94%
Prof. R S Rajakaruna					
RG/2014/EB/04 (6257)	3,521,100.00	1,272,933.76	932,147.81	2,205,081.57	62.62%
Dr. S Meegaskumbura					
NSF/SCH/2013/01(6253)	990,000.00	441,588.48	8,411.52	450,000.00	45.45%
Ms. K M G Kaushalya Pamunuwa					
RG/2009/BS/01 (6220)	2,450,935.58	2,450,935.58	--	2,450,935.58	100.00%
Prof. A Wickramasinghe					
RG/2012/BS/02 (6243)	2,714,400.00	2,673,890.79	40,509.21	2,714,400.00	100.00%
Prof. Namal Priyantha					
RG/2012/BS/03 (6245)	1,255,000.00	1,057,138.73	337,247.91	1,394,386.64	111.11%
Dr. B S Dassanayake					
RG/2012/BS/05 (6244)	2,912,089.50	2,696,834.24	197,555.26	2,894,389.50	99.39%
Prof. Namal Priyantha					
NSF/Fellow/2010/02 (6235)	1,300,000.00	1,300,000.00	--	1,300,000.00	100.00%

Prof. J P Edirisinghe					
RG/2011/BS/02 (6240)	1,836,400.00	1,836,400.00	--	1,836,400.00	100.00%
Prof.A D L C Perera					
RG/2011/BS/03 (6238)	1,860,000.00	1,785,000.00	--	1,785,000.00	95.97%
Dr. V A Seneviratne					
BDS Grant 6272	250,000.00		91,900.00	91,900.00	36.76%
Dr. N S P Kumburegama					
BDS Grant 6271	193,000.00	--	--	--	
Dr. K M G G Jayasooriya					
BDS Grant 6272	250,000.00	--	83,600.00	83,600.00	33.44%
Dr. S C K Rubasinghe					
NARP/16/UP/PGIS/01 - CARP Project (6269) Prof. B M R Bandara	3,704,200.00	--	1,132,919.38	1,132,919.38	30.58%
MTR/TRD/Agr/03/01/02 Indo Srt Lanka Joint Project (6259) Prof. H A H Jayasena	7,234,210.50	2,208,645.70	3,929,718.87	6,138,364.57	84.85%
PGIS/M.Phil/12/413 (6248) Ms. L C P T Liyanaarachchi	1,550,000.00	1,107,969.89	--	1,107,969.89	71.48%
UGC Research Scholarship Fund Dr. Mrs. Pancharajah (6252)	750,000.00	219,241.21	179,730.41	398,971.62	53.20%
HETC Project (6254) Dr.(Mrs.) A M Muthalib	1,275,210.00	1,275,210.00	--	1,275,210.00	100.00%
HETC Window 3 (6247)	1,137,071.54	1,137,071.54	--	1,137,071.54	100.00%
Foreign Grants					
No.	TCE Rs.	Expen. In 2015	Expen. In 2016	Cumulative Exp.	
SLBI (Sivananthan Laboratories Bollingbrook, Illinois) Project (6261)	499,220.00	259,220.00	240,000.00	499,220.00	100.00%
Swedish Research Council	4,751,640.00	1,405,290.64	1,938,705.45	3,343,996.09	70.38%

Grant (6260) IFS Grant	(USD 36,000.00)				
Prof. M A K L Dissanayake					
IFS Swedish Research Council Grant	6,168,559.46	3,485,206.17	543,687.54	4,028,893.71	65.31%
Prof. Rohana Chandrajith (6250)					
IFS Sweden Grant (6249)	973,026.98	821,110.37	--	821,110.37	84.39%
PGIS/CH/M.Phil/11/394					
Ms. H A P P B Jayathilake					
EEC Grant (6002)	426,998.75	336,646.78	71,887.20	408,533.98	95.68%
Prof. M A K L Dissanayake					
Foreign Financing Project(6230)	8,099,000.00	6,057,212.40	1,082,296.14	7,139,508.54	88.15%
Prof. I AU N Gunatilleka	(Euro 50,000.00)				
Consultancy Project					
Consultancy Project R R DI 6263	200,000.00	65,788.00	63,975.00	129,763.00	64.88%
Badulla Consultancy project	6,388,200.00	6,388,200.00	--	6,388,200.00	100.00%
RDA EIA Badulla (31219)					
Dr. J Gunatilake					

17. Details of Financial Progress (Expenditure)

Subject	Provision in 2016 Rs.	Exp. In 2016 Rs.	Savings / Excess Rs.
a. Recurrent except Projects	75,621,000.00	67,501,774.00	8,119,226.00
b. Capital except Projects			
c. Project – Local funded	-	-	-

18. Details of Financial Progress (Generated Income)

Subject	Provision in 2016 Rs.	Collection in 2016 Rs.	Deficit / Surplus Rs.
a. Undergraduate Students	-	-	-
b. Postgraduate Students	63,621,000.00	94,113,571.05	30,492,571.05
c. Consultancies	-	-	-
d. Others			
TOTAL	63,621,000.00	94,113,571.05	30,492,571.05

19. Financial Performance Analysis - 2016:

Subject	Formula	Exp. Per student
		Rs.
- NO -		

20. Details of Infrastructure Facilities Received in 2016:

Subject	Expenditure Rs.	Physical Progress
- NO -		

21. Students' Statistics (2007 - 2016)

Year	Yearly Admissions/Enrolments Diploma/M.Sc./ M.Phil./Ph.D.	No. awarded Diploma/M.Sc./ M.Phil./Ph.D.	Dropped out/Fail
2007	378	171	14
2008	348	140	22
2009	273	182	-
2010	325	275	-
2011	481	163	01
2012	135	150	04
2013	410	255	21
2014	434	253	01
2015	657	184	-
2016	646	317	10
TOTAL	4087	2090	73

Postgraduate Diplomas were offered for those who have not reached the required GPA (above 3.00) / unable to complete the research project for the M.Sc. degree.

M.Sc. Minimum 18 months duration; M. Phil. Minimum 2 years duration;
Ph.D. Minimum 3 years duration

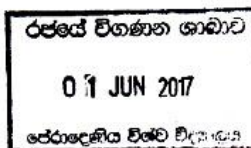


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POSTGRADUATE INSTITUTE OF SCIENCE

**University of Peradeniya
SRI LANKA**

**FINANCIAL STATEMENT FOR
THE YEAR 2016**



POSTGRADUATE INSTITUTE OF SCIENCE
University of Peradeniya

ANNUAL STATEMENT OF ACCOUNTS FOR THE YEAR
ENDED 31ST DECEMBER 2016

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**STATUTORY REPORT AND SIGNIFICANT ACCOUNTING POLICIES FOLLOWED
IN PREPARING THE FINANCIAL STATEMENT FOR THE YEAR ENDED 31ST
DECEMBER 2016**

1. General:

- 1.1** The Annual Statement of Accounts of the Postgraduate Institute of Science for the year ended 31st December 2016 has been prepared in terms of sections 11(e) and 19(1) of the Postgraduate Institute of Science Ordinance No. 1 of 1996 and 106(1) and 107(b) of the Universities Act No. 16 of 1978 and as amended by the subsequent legislations and in pursuance of the Finance Act No. 38 of 1971.
- 1.2** The Statement of Accounts for the year 2016 has been prepared in accordance with the Sri Lanka Public Sector Accounting Standards (SLPSAS).

2. Accounting Policies

- 2.1 Accounting Convention**
The Financial Statement was prepared under the historical cost convention in accordance with generally accepted accounting principles and the Sri Lanka Accounting Standards. No adjustments have been made for inflationary factors affecting this financial statement.
- 2.2** The receipts and payments of the foreign currency of the RFC - 2233593 US\$ account, maintained at the Bank of Ceylon, Peradeniya Branch, were converted in to local currency at the exchange rate existing on the dates of receipts and payments. Exchange gain/loss has been calculated and adjusted by using the central bank year end exchange rate.
- 2.3** Transactions of outside research grants have been accounted on accrual basis
- 2.4** Based on the budgets prepared for each M.Sc course a provision for non requested lecture fees have been made considering the number of lecture hours allocated to that particular year.

3. Asset

3.1 Stocks

Stocks of the Institute have been accounted accordance with SLPSAS 9 and valued at cost or net realizable value which ever is lower. The Stock balance appearing in the accounts has been physically verified and no shortages or excesses have been found on the balance sheet date.

3.2 Cash and Cash Equivalent

Total of cash in hand and the balances of the current and savings accounts in Sri Lankan Rupees and United States Dollars at the Bank of Ceylon and the People's Bank as at 31st December 2016 have been treated as Cash and Cash Equivalent

3.3 Fixed assets are recorded at cost of purchase together with any ancillary expenses thereon. The concept of depreciation was adopted in terms of the UGC circular No. 649 of 5th October 1995, on straight-line method, at the following percentages.

a)	Laboratory, Teaching Equipment	20%
b)	Motor Vehicles	20%
c)	Library Books and Periodicals	20%
d)	Telephone	10%
e)	Office Equipment	20%
f)	Building	5%

3.2 Land

The ownership of the land on which the new building of the PGIS is being constructed has not yet been transferred to the PGIS. Hence, the value of the land is not taken into account. However, it may be noted that the PGIS is attached to the University of Peradeniya (Vide Postgraduate Institute of Science Ordinance No. 1 of 1996 dated 12th February 1996)

3 Grants


4.1 Government and other Capital Grant

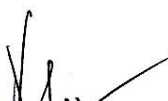
Government and other Capital Grants have been accounted in accordance with SLPSAS and details of the Government Grant of the Year 2016 were as follows.

	Amount Allocated	Amount Withdrawn	Balance
Recurrent	12,000,000.00	12,000,000.00	--
Capital Grant	10,000,000.00	10,000,000.00	--
<i>Rehabilitation & Improvement</i>			
a) Building	1,150,000.00	1,150,000.00	--
b) Vehicles	350,000.00	350,000.00	--
c) Equipments	--	--	--
<i>Acquisition of Assets</i>			
a) Books & Periodicals	1,000,000.00	1,000,000.00	--
b) Furniture & Office Equipments	50,000.00	50,000.00	--
c) Lab & Teaching Equipments	7,450,000.00	7,450,000.00	--
Total:	22,000,000.00	22,000,000.00	--

POSTGRADUATE INSTITUTE OF SCIENCE
STATEMENT OF FINANCIAL POSITION AS AT 31ST DECEMBER 2016

		<u>As at 31/12/2016</u>	<u>As at 31/12/2015</u>
Current Assets			
Cash & Cash Equivalents	Note 17	✓ 49,497,493	9,952,668
Inventories	Note 15	✓ 1,632,758 ✓	1,812,787
Prepayments	Note 06	✓ 143,123 ✓	134,817
Other Assets	Note 05	✓ 34,078,483 ✓	6,807,116
Loans	Note 05	✓ 933,776 ✓	898,080
Total Current Assets		86,285,633	19,605,468
Non Current Assets			
Property Plant & Equipments	Note 03	97,521,108	105,922,974
Investments	Note 04	285,174,895	293,211,793
Loans	Note 05	✓ 2,259,400 ✓	2,338,889
Total Non Current Assets		384,955,403	401,473,657
Total Assets		471,241,036	421,079,125
LIABILITIES			
Current Liabilities			
Current Liabilities	Note 08	20,156,475	14,034,166
Provisions	Note 09	8,373,004	5,836,942
Accrued	Note 07	7,784,893	3,323,828
Total Current Liabilities		36,314,372	23,194,936
Non Current Liabilities			
Provision for Gratuity		6,039,781	4,406,905
Library & Science Deposits	Note 13	4,228,000 ✓	3,616,073 ✓
Total Non Current Liabilities		10,267,781	8,022,978
TOTAL LIABILITIES		46,582,153	31,217,914
NET ASSETS		424,658,883	389,861,211
EQUITY			
General Reserves		223,733,772	202,700,231
Restricted Funds	Note 02	18,960,566	18,680,365
Capital Grant	Note 01	161,109,893	146,109,893
Revaluation Reserve		20,854,651	22,370,723
Total Equity		424,658,883	389,861,211


Prof. H.M.D.N. Priyantha
 Director/ PGIS


Mr. W.M.M.S.M. Iddawela
 Senior Assistant Bursar/PGIS

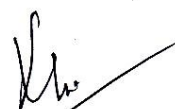
POSTGRADUATE INSTITUTE OF SCIENCE
FOR THE YEAR ENDED 31st DECEMBER 2016
STATEMENT OF FINANCIAL PERFORMANCE

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	<u>2016</u>		<u>2015</u>	
Revenue	<u>Rs. Cts.</u>	<u>Rs. Cts.</u>	<u>Rs. Cts.</u>	<u>Rs. Cts.</u>
(a) Government Grant (Recurrent)		12,000,000		12,000,000
(b) Communication Fee	-		25,200	
(c) Examination Fee	1,344,000		1,950,500	
(d) Tuition Fee	57,769,952		51,686,618	
(e) Registration Fee	4,055,850		4,384,980	
(f) Miscellaneous Income	4,563,632		3,633,182	
(g) Medical Fee	85,975		85,500	
(h) Repeat Course Fee			16,000	
(i) Services & Facilities Fee	91,000		62,500	
(j) Vehicle Hiring Charges	377,884		700,064	
(k) Library Tickets	903,000		940,350	
(l) Supervision Fee	814,980		1,272,000	
(m) Interest Income Note 11	18,526,759		14,891,545	
(n) Bench Fee	592,500		998,250	
(o) Diploma Awarding Ceremony	-		40,880.00	
(p) Exchange Gain/Loss	4,988,038		9,150,281	
(q) Profit on fixed asset disposals	-		-	
		94,113,571		89,837,849
		106,113,571		101,837,849
Expenses				
(a) Personal Emoluments (Note 14.1)		47,216,446		36,841,945
(b) Travelling (Note 14.2)		1,106,542		1,267,417
(c) Supplies & Consumables used (Note 14.3)		4,065,321		3,116,832
(d) Maintenance (Note 14.4)		1,054,205		1,860,403
(e) Contractual Services (Note 14.5)		4,520,657		4,287,709
(f) Other Expenses (Note 14.6)		9,538,603		9,452,766
(g) Depreciation (Note 16)		20,694,441		18,836,976
		88,196,215		75,664,048
Net surplus/deficit for the year		17,917,356		26,173,802

Certified Correct


Prof. H.M.D.N. Priyantha
Director/ PGIS


Mr. W M M S M Iddawela
Senior Assistant Bursar/PGIS

**POSTGRADUATE INSTITUTE OF SCIENCE
FOR THE YEAR ENDED 31st DECEMBER 2016
CASH FLOW STATEMENT**

		31st Dec 2016	31st Dec 2015
Flows from Operating Activities			
Inflow from Ordinary Activities	Page 2	17,917,356	26,173,802
Investment made for non cash involving transaction			
Provision for Audit Fees & Paid Amount	Note 9	267,444 ✓	226,934
Provision for Gratuity	Page 1	1,632,876 ✓	369,845
Provision for Security Charges	Note 9	-	86,025
Provision for Visiting Lecturer Fees	Page 9	7,688,887 ✓	2,020,320
Employee Benefits		324,676 ✓	208,375
Exchange Gain/Loss		(4,988,038) ✓	(9,150,281)
Provision for Depreciation	Note 19	20,694,441 ✓	18,836,976
Investment made for			
Investment Income	Note 11	(18,526,759) ✓	(14,891,545)
Gift Fee Paid	Note 9	(222,870) ✓	
Book Shop and Short Courses & Other	Note 10	(1,833,829) ✓	8,114,923
Operating surplus before the working capital changes		<u>22,954,183</u>	<u>31,995,374</u>
Increase/Decrease in Deposit ✓		✓ 1,567,038 ✓	1,483,538
Increase/Decrease in Provisions ✓		✓ 2,732,627 ✓	1,711,437
Increase/Decrease in Sundry Creditors ✓		(1,326,434) *	1,014,246
Increase/Decrease in Other Liabilities ✓		✓ 7,535,473 ✓	2,908,026
Increase/Decrease in Stocks ✓		180,029 ✓	(293,385)
Increase/Decrease in Loans & Advances ✓		✓ 217,793 ✓	(31,893)
Increase/Decrease in Deposits & Prepayments ✓		✓ (8,306) *	(33,708)
Increase/Decrease in Other Current Assets ✓		✓ 74,044 ✓	(1,540,347)
Cash Flow from Operating Activities		<u>34,126,448</u>	<u>37,213,288</u>
Flows from Investing Activities			
Purchase of Property Plant & Equipments	Note 3	(12,011,986) ✓	(14,514,814)
Investments	Note 4	(28,000,000) ✓	-
Investments	Note 4	(19,683,278) ✓	(70,662,034)
Cash Flow from Investing Activities		<u>(20,328,708)</u>	<u>(85,176,848)</u>
Flows from Financing Activities			
Government Grant	Page 4	15,000,000 ✓	10,000,000
Interest Income	Note 11	10,466,883 ✓	13,180,840
Research Grant Receipts	Note 2	16,867,183 ✓	16,462,753
Research Grant Payments	Note 2	(16,586,981) ✓	19,958,485
Cash Flows from Financing Activities		<u>25,747,085</u>	<u>59,602,078</u>
Increase / Decrease in Cash & Cash Equivalent		39,544,825	(28,278,452)
Cash & Cash Equivalent at the Beginning of the Year		9,952,668	38,231,119
Cash & Cash Equivalent at the End of the Year	Note 17	<u><u>49,497,493</u></u>	<u><u>9,952,668</u></u>

Postgraduate Institute of Science

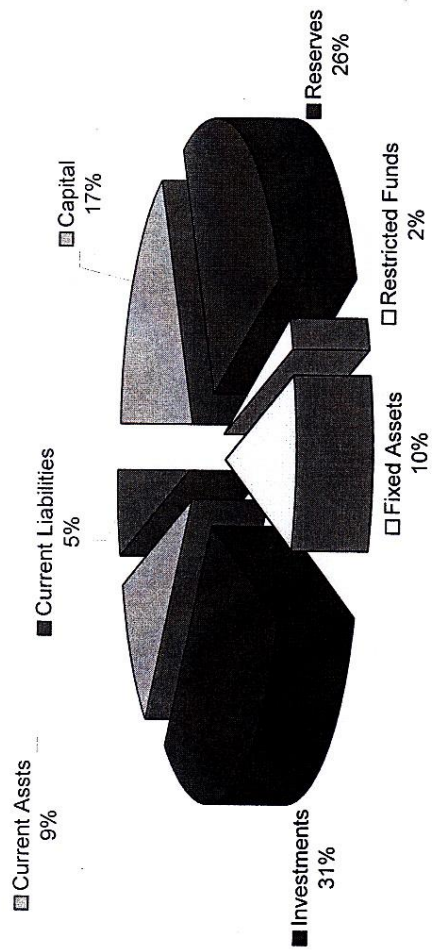
Statement of changes in equity

	Capital Grant	Revaluation Reserve	Retain Earnings	Total
Balance as at 31 December 2015	146,109,893	22,370,723	202,700,231	371,180,847
Surplus/Deficit for the period			17,917,356	
Capital Grant received	10,000,000			
Grant Received	5,000,000			
Adjustments made		(1,516,072)	3,116,186	
Balance as at 31 December 2016	161,109,893	20,854,651	223,733,772	405,698,316

FINANCIAL STRUCTURE

The financial structure of the Institute as at 31st December 2016 as compared with that as at 31st December 2015 is given below.

		As at 31st December	
		Year 2016	Year 2015
		Rs	Rs
RESOURCES			
Capital Grants	Spent	161,109,893	146,109,893
	Unspent	-	-
		161,109,893	146,109,893
Restricted Funds		18,960,566	18,680,365
General Reserve		223,733,772	202,700,231
Revaluation reserve		20,854,651	22,370,723
		424,658,883	389,861,211
UTILIZATION			
Fixed Assets (at written down value)		97,521,108	105,922,974
Investments		285,174,895	293,211,793
Current Assets		88,545,033	21,944,358
Liabilities		(46,582,154)	(31,217,914)
		424,658,883	389,861,211



NOTES TO ACCOUNTS

(Note 1)

Capital Grant Spent

JANUARY - DECEMBER 2016

	Balance as at	Allocation	Total	Withdrawal	Expenditure	Unspent as at	Spent up to	Total spent up to
	01.01.2016	2016	Allocation	2016	2016	31.12.2016	01.01.2016	31.12.2016
	Rs. Cts.	Rs. Cts.	Rs. Cts.	Rs. Cts.	Rs. Cts.	Rs. Cts.	Rs. Cts.	Rs. Cts.
1 Rehabilitation & Improvement								
<i>Building</i>		1,150,000.00	1,150,000.00	1,150,000.00	1,150,000.00	-		
<i>Plant & Machinery</i>								
<i>Vehicle</i>		350,000.00	350,000.00	350,000.00	350,000.00	-		
2 Acquisition of assets								
<i>Books & Periodicals</i>		1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	-		
<i>Furniture & Office Equipments</i>		50,000.00	50,000.00	50,000.00	50,000.00	-		
<i>Lab & Teaching Equipments</i>		7,450,000.00	7,450,000.00	7,450,000.00	7,450,000.00	-		
<i>Other Payments</i>								
3 Permanent Structure								
<i>Ongoing Building Project</i>								
<i>Other Payments</i>								
<i>Journals adjustments</i>								
4 Other Capital Grant Received							146,109,892.50	156,109,892.50
								5,000,000.00
							146,109,892.50	161,109,892.50
	10,000,000.00	10,000,000.00	10,000,000.00	10,000,000.00	10,000,000.00			

**POSTGRADUATE INSTITUTE OF SCIENCE
RESEARCH GRANTS BALANCES AS AT 31 - 12 - 2016**

Grant No.	Name of Grantee	Grant Name	Opening Balance	Total Receipts for the Year	Total Payments for the Year	Closing Balance
6002	Prof. M A K L Dissanayake	EEC GRANT	90,351.97		71,887.20	18,464.77
6130	Dr. S R Kodituwakku	R & C of Dr. S.R. Kodituwakku	34,926.00		34,000.00	926.00
6142	Ms. Tilini Tilipan	HETC Project	207,324.42		62,828.22	144,496.20
6225	Prof. Namal Priyantha	COLLABORATIVE RESEARCH	840,000.00		136,330.00	703,670.00
6230	Prof. I A U N Gunatilleke	SPATIODIVERSITY	162,581.44	1,485,306.00	1,082,296.14	565,591.30
6242	Dr. A. Pitawala & Dr. H.A. Darmagunna	Malsripura Grant	141,514.00			141,514.00
6243	Prof. Namal Priyantha	RG/2012/BS/02	40,509.21		40,509.21	-
6244	Prof. Namal Priyantha	RG/2012/BS/05	215,255.26		197,555.26	17,700.00
6245	Dr. B S Dasanayaka	RG/2012/BS/03	197,861.27	139,386.64	337,247.91	-
6246	Prof. M A K L Dissanayaka	ASPEN	118,148.70		50,549.00	67,599.70
6248	Prof. B M R Bandara	HETC Project Mr.L.C.P.T.Liyanarachchi	442,030.11			442,030.11
6249	Dr. K G N Nanayakkara	IFS Sweden Grant	151,916.61		147,483.75	4,432.86
6250	Prof. Rohana Chandrajith	Swedish Research Link	1,121,517.05	1,802,465.84	2,010,243.54	913,739.35
6252	Dr. Mrs. S Pancharaja	Scholarship Fund	280,758.79		179,730.41	101,028.38
6253	Miss. K M G Pamunuwa	NSF/SCH/2013/01	8,411.52		8,411.52	-
6255	Director, PGIS	ADPC	6,018,234.10		88,194.35	5,930,039.75
6255 A	Dr. J.P. Liyanage	RDPC	526,986.96			526,986.96
6255 B	Prasanna Chandith	RDPC	613,704.94			613,704.94
6255 C	S. Karunakaran	RDPC	13,619.49			13,619.49
6255 D	Prof. Weerasinghe	RDPC	1,069,514.15		275,595.60	793,918.55
6256	Dr. Rupika Rajakaruna	RG/2014/EB/02	562,715.74	682,500.00	815,602.68	429,613.06
6257	Dr. S. Meegaskumbura	RG/2014/EB/04	439,066.24	1,205,000.00	932,147.81	711,918.43
6259	Prof. H A H Jayasena	Indo-Sri Lanka Joint Research Project	3,131,034.30	1,891,650.50	3,929,718.87	1,092,965.93
6260	Prof. M A K L Dissanayake	Swedish Research Council Grant	267,010.78	2,017,381.32	1,938,705.45	345,686.65
6261	Dr. B.S. Dasanayaka	SLBI Project	236,780.00	3,220.00	240,000.00	-
6262	Dr. J. W. Damunupola	RG/2015/EB/02	1,614,379.60	370,167.00	1,473,038.54	511,508.06
6263	Prof. J.G.S. Ranasinghe	Consultancy Project (RRDI)	134,212.00		63,975.00	70,237.00
6265	Prof. A. Wickramasinghe	RG/2016/BS/02	-	1,445,500.00	246,688.71	1,198,811.29
6266	Dr. S.C.K. Rubasinghe	RG/2016/EB/01	-	1,097,457.50	318,893.08	778,564.42
6267	Dr. C. V. Heffiarachchi	RG/2016/BS/05	-	1,794,448.00	168,448.00	1,626,000.00
6268	Prof. R.M.G. Rajapakse	RG/2016/BS/01	-	1,417,500.00	256,939.00	1,160,561.00
6269	Prof. B.M.R. Bandara	NARP/16/UP/PGIS/01	-	1,238,000.00	1,304,261.88	(66,261.88)
6270	Dr. S.C.K. Rubasinghe	Biodiversity Secretariat Grant	-	100,000.00	83,600.00	16,400.00
6271	Dr. K.M.G.G. Jayasooriya	Biodiversity Secretariat Grant	-	77,200.00	91,900.00	77,200.00
6272	Dr. N.S.P. Kumburegama	Biodiversity Secretariat Grant	-	100,000.00	91,900.00	8,100.00
			18,680,364.65	16,867,182.80	16,586,981.13	18,960,566.32

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(Note 3)

Cost	FIXED ASSETS						Rs. Cts. Total
	Building	Telephone	Laboratory & Teaching Equip.	Library Books	Motor Vehicle	Office Equipments	
Opening Balance as at 1st January 2016	77,867,049.81	514,000.00	51,173,339.13	8,941,966.88	16,251,950.00	8,971,952.58	163,720,258.40
Adjustments/Disposals							
During the year Additions	-	-	11,346,325.01	332,283.68	-	613,965.94	12,292,574.63
Closing Balance as at 31st Dec. 2016	77,867,049.81	514,000.00	62,519,664.14	9,274,250.56	16,251,950.00	9,585,918.52	176,012,833.03
Less Depreciation							
Opening balance as at 1st January 2016	15,480,650.99	205,600.00	22,230,766.07	6,156,947.73	7,325,952.50	6,397,367.11	57,797,284.40
Adjustments/Disposals							
During the year Additions	3,893,352.48	51,400.00	9,918,657.22	1,798,981.21	3,250,390.00	1,784,868.22	20,697,649.13
Accumulated depreciation as at 31st December 2016	19,374,003.47	257,000.00	32,149,423.29	7,952,720.61	10,576,342.50	8,182,235.33	78,491,725.20
Net Book Value as at 31st December 2016	58,493,046.34	257,000.00	30,370,240.85	1,321,529.95	5,675,607.50	1,403,683.19	97,521,107.83

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Note - 04

(Note 4)

Fixed Deposits

2015.01.01		2016.12.31	
Rs.	Dep./Date/ Renewed Date	Rs. Cts.	Amount Rs. Cts.
500,000.00	19-Mar-16 1344193	500,000.00	500,000.00
500,000.00	19-Feb-16 1344204	500,000.00	500,000.00
297,355.87	08-Jun-16 1344625	316,355.69	316,355.69
58,108,437.62	18-Mar-16 8407879 RFC	62,530,285.17	62,530,285.17
19,900,002.19	09-May-16 73221498 RFC	21,422,579.27	21,422,579.27
34,065,600.00	08-May-16 77441232 RFC	36,672,007.68	36,672,007.68
2,480,473.35	25-Jun-16 057-60-01-00005437-0 ✓	2,693,037.67	2,693,037.67
2,480,473.35	25-Jun-16 057-60-01-00005438-9 ✓	2,693,037.67	2,693,037.67
2,480,473.35	25-Jun-16 057-60-01-00005439-8 ✓	2,693,037.67	2,693,037.67
2,480,473.35	25-Jun-16 057-60-01-00005440-5 ✓	2,693,037.67	2,693,037.67
2,007,338.19	24-Jun-16 057-60-01-00002913-0 ✓	2,138,172.64	2,138,172.64
5,000,000.00	18-Jun-16 057-60-01-00006918-6 ✓	5,000,000.00	5,000,000.00
4,444,429.52	25-Jun-16 057-60-01-00006938-2 ✓	4,734,108.91	4,734,108.91
1,000,000.00	24-Jun-16 057-60-01-00002301-0 ✓	1,000,000.00	1,000,000.00
12,335,045.10	01-Feb-16 057-60-01-00006401-0 ✓	13,116,778.58	13,116,778.58
11,989,200.23	18-Jul-16 057-60-01-00008856-6 ✓	12,770,633.31	12,770,633.31
13,516,017.76	09-Dec-16 057-60-01-00008422-1 ✓	14,498,613.73	14,498,613.73
11,044,213.74	09-Dec-16 057-60-01-00008420-3 ✓	14,419,588.75	14,419,588.75
13,442,348.43	18-Jun-16 057-60-01-00006917-7 ✓	11,764,054.41	11,764,054.41
11,579,476.29	07-Nov-16 057-60-01-00008345-5 ✓	12,421,288.35	12,421,288.35
11,579,476.29	07-Nov-16 057-60-01-00008346-4 ✓	12,421,288.35	12,421,288.35
8,801.00	01-Apr-16 057-60-01-00002981-7 ✓	8,801.00	8,801.00
13,339,930.35	26-May-16 057-60-01-00013776-3 ✓	14,209,401.42	14,209,401.42
13,339,930.35	26-May-16 057-60-01-00013777-2 ✓	14,209,401.42	14,209,401.42
3,838,248.96	06-Jun-16 057-60-01-00011266-4 ✓	4,088,418.66	4,088,418.66
10,750,000.00	02-Sep-16 057-60-01-00012729-3 ✓	11,450,664.38	11,450,664.38
1,004,047.95	14-Oct-16 057-60-01-00014239-2 ✓	1,077,040.86	1,077,040.86
10,000,000.00	16-Sep-16 057-60-01-00014149-1 ✓		
10,000,000.00	16-Sep-16 057-60-01-00014150-7 ✓		
7,500,000.00	14-Oct-16 057-60-01-00014242-7 ✓		
	057-60-01-00015834-8 ✓		
1,200,000.00	22-Jan-16 2-0015-13-6178-3		
1,000,000.00	22-Jan-16 2-0015-13-6177-5		
293,211,793.24		933,261.89	161,033,667.34
		1,200,000.00	2,200,000.00
		1,000,000.00	285,174,895.15

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(Note 5)		Loans and Advances	
2015.12.31		2016.12.31	
Amount Rs. Cts.		Amount Rs. Cts.	Amount Rs. Cts.
500.00	A Schedule of Festival Advances	-	
2,875	(1) Mrs. M H M I W Jayawardana	-	
<u>3,375.00</u>	(2) Miss. R.M.D.L. Rathnayaka	-	0.00
	B Schedule of Distress Loans		
		Current	None Current
		Amount	Amount
	(1) Prof.H.M.D.N.Priyantha	20,004.00	1,647.00
170,827.00	(2) Mr. W M M S M Iddawela	50,004.00	70,819.00
140,800.00	(3) Mrs. W M D P M Hulugalla	50,400.00	182,800.00
53,756.40	(4) Mrs. M H M I W Jayawardana	13,424.40	-
166,958.00	(5) Mrs. I Dissanayake	72,000.00	154,000.00
241,725.00	(6) Mr. G N Priyalanka	49,200.00	151,525.00
182,491.00	(7) Mr. A M Wijeratne Banda	37,728.00	110,179.00
242,500.00	(8) Mr. S L A Jeevananda	60,636.00	131,334.00
80,202.00	(9) Mrs. K G A J Iddamal goda	36,180.00	114,520.00
189,995.00	(10) Mr. H S Y Gannile	44,700.00	108,045.00
129,208.00	(11) Miss. R Malkanthi	35,556.00	118,516.00
99,838.00	(12) Mr. W M S D K Wickramasinghe	36,168.00	132,626.00
199,750.00	(13) Mrs. T D K Irangani	39,948.00	126,512.00
161,210.00	(14) Mr. W V R D Karunarathne	41,532.00	141,891.00
176,418.00	(15) Mrs. R M A S Ranasinghe	40,512.00	95,394.00
117,836.00	(16) Mrs. K Ajantha Kumari	32,148.00	58,898.00
153,203.00	(17) Mr. H M K I B Heenkenda	31,164.00	96,069.00
143,370.00	(18) Mr. W.M.S.P. Walisundara	31,860.00	82,305.00
<u>2,650,087.40</u>		<u>723,164.40</u>	<u>1,877,080.00</u>
		^	<u>2,600,244.40</u>
	C Schedule of Staff Loan		
3,740.00	(1) Mr. H M K I B Heenkenda	1,700.00	-
5,200.00	(2) Mrs. T D K Irangani	-	1,700.00
7,480.00	(3) Mrs. Rohini Malkanthi	2,040.00	3,400.00
6,800.00	(4) Mrs. K G A J Iddamal goda	2,720.00	-
9,010.00	(5) Mrs. I Dissanayake	2,040.00	4,930.00
	Mr. S L A Jeevananda	2,040.00	6,460.00
<u>32,230.00</u>		<u>10,540.00</u>	<u>14,790.00</u>
		^	<u>25,330.00</u>
	D Special Advance		
400.00	(1) Miss. R.M.D.L. Rathnayaka	-	-
<u>400.00</u>		-	0.00

2015.12.31		2016.12.31	
Amount		Amount	Amount
Rs. Cts.		Rs. Cts.	Rs. Cts.
6,090,357.36		7,590,664.09	
79,038.03		97,186.93	
<u>6,169,395.39</u>			<u>7,687,851.02</u>
E ACCRUED INCOME			
	Interest		
	Hiring Charges		
2,500		2,500.00	
<u>2,500</u>			<u>2,500.00</u>
F RECEIVABLE DEPOSIT			
	University of Peradeniya		
152,722		25,583.64	
234,724		72,548.31	
<u>387,446</u>			<u>98,131.95</u>
G SUNDRY DEBTORS			
	The Book Rescuers (PGIS/2015/I/LB/77)		
	D.S.Books International (PGIS/2015/I/LB/80)		
H Schedule of Transport Loans			
		Current	None Current
		Amount	Amount
			Total
6,632.00	(1) Mr. A M Wijeratne Banda	-	-
33,000.00	(2) Mr. H S Y Gannile	12,000.00	9,000.00
33,280.00	(3) Mr. G N Priyalanka	10,008.00	13,264.00
26,648.00	(4) Miss. R Malkanthi	10,008.00	6,632.00
29,984.00	(5) Mr. S L A Jeevananda	10,008.00	9,968.00
45,830.00	(6) Mr. W V R D Karunarathne	12,000.00	23,158.00
38,324.00	(7) Mrs. K G A J Iddamalgoda	10,008.00	18,308.00
38,324.00	(8) Mrs. T D K Irangani	10,008.00	18,308.00
45,830.00	(9) Mrs. I Dissanayake	10,008.00	25,814.00
20,000.00	(10) Mr. W M M S M Iddawela	20,000.00	-
44,162.00	(11) Mr. H M K I B Heenkenda	10,008.00	24,146.00
18,308.00	(12) Mr. W M S D K Wickramasinghe	10,008.00	8,300.00
45,830.00	(13) Mrs. K Ajantha Kumari	10,008.00	25,814.00
	(14) Mr. W.M.S.P. Walisundara		40,826.00
<u>426,152.00</u>		<u>134,072.00</u>	<u>193,530.00</u>
			<u>327,602.00</u>

2015.12.31				<i>24^o</i>	
Amount				2016.12.31	
Rs. Cts.				Amount	Amount
		Current	None Current	Total	
		Amount	Amount		
		Rs. Cts.	Rs. Cts.	Rs. Cts.	
I Schedule of Computer Loans					
21,500	(1) Mr. W M S M Iddawela	6,000.00	9,500.00	15,500.00	
3,000.00	(2) Mrs. I Dissanayake	6,000.00	18,500.00	24,500.00	
18,000.00	(3) Mr. S L A Jeevananda	6,000.00	6,000.00	12,000.00	
26,000.00	(4) Mr. A M Wijeratne Banda	6,000.00	14,000.00	20,000.00	
1,000.00	(5) Mrs. T D K Irangani	12,000.00	15,000.00	27,000.00	
26,500.00	(6) Mr. H M K I B Heenkenda	6,000.00	14,500.00	20,500.00	
10,500.00	(7) Miss.R Malkanthi	6,000.00	22,500.00	28,500.00	
22,000.00	(8) Mr. W M S D K Wickramasinghe	6,000.00	10,000.00	16,000.00	
-	(9) Mrs.K.Ajantha Kumari	6,000.00	18,000.00	24,000.00	
	(10) Mr.L.A.A.D.B.Liyandeniya	6,000.00	20,000.00	26,000.00	
	(11) Mr.W.M.S.P.Walisundara			26,000.00	
128,500.00		66,000.00	174,000.00	240,000.00	
J Deposits for Services					
70,000	Yatinuwara Cooperative Society (Fuel)		70,000.00	70,000.00	
70,000					
K Miscellaneous Advances					
50,000	14R 39 Dr. Jagath Gunathilaka				
50,000	14R 40 Dr. Jagath Gunathilaka				
14,000	15R41 Dr. Jagath Gunathilaka				
-	14R129 Dr. Gihan Jayasooriya				
20,000	14R 139 Prof. H M D N Priyantha				
40,000	14G 05 Prof. H M D N Priyantha				
-	14G 06 Dr. S Panchrajah				
-	14Col 19 Dr. Prasanna Chandith				
174,000					
L Mobilization Advance					
	ASB Construction (Pte) Ltd			26,220,000.00	
10,044,085.42				34,078,482.97	

2015.12.31		2016.12.31	
Amount		Amount	Amount
Rs.	Cts.	Rs.	Cts.
		Prepayments	
	Note 6		
9,027.82		19,892.73	
3,208.33		3,208.00	
9,087.42		8,342.91	
55,034.15		53,747.30	
21,803.51		23,802.17	
5,000.00		5,000.00	
17,938.06		17,667.93	
1,387.50		1,387.50	
9,763.00		9,721.00	
2,567.00		353.42	
<u>134,816.79</u>		<u>143,122.96</u>	
	Note 07		
	Accrued Expenses	Acc Code	
144,332.00	(1) Travelling	80501	54,898.00
33,073.00	(2) Fuel & Lubricant	80602	39,694.50
8,319.16	(3) Uniforms & Tailoring	80603	10,468.66
	(4) Chemical & Glass Ware	80605	324,219.93
6,500.00	(5) Vehicle Maintenance	80701	90,077.21
	(6) Plant Machinery & Equipments	80702	61,160.00
109,535.44	(7) Telecommunication	80802	122,331.21
628,061.89	(8) Electricity	80804	252,349.38
338,550.00	(9) Security Services	80805	237,060.04
18,576.00	(10) Water	80806	11,916.00
90,042.78	(11) Cleaning Service	80807	70,320.00
53,600.00	(12) Special Services	80902	67,911.00
15,945.00	(13) Workshop & Seminars	80904	
13,332.00	(14) Academic Research	80905	21,000.00
4,280.00	(15) Holiday Warrant & Season Tickets	80908	
220,648.00	(16) Examination Expenses	80914	135,887.00
7,990.00	(17) Other Payments	80915	16,860.00
1,380,175.00	(18) Visiting Lecture Fees	80916	5,477,410.00
	(19) ACA - UPF	84102	17,017.45
	(20) ACA - Pension	84103	19,448.51
	(21) ACA - ETF	84104	7,293.20
26,020.00	(22) Non-Aca-Salaries	84201	15,381.50
5,073.00	(23) Non-Aca-UPF	84202	99,092.48
	(24) Non-Aca-Pension	84203	59,053.85
1,014.60	(25) Non-Aca-ETF	84204	31,629.29
94,601.00	(26) Overtime	84208	358,077.42
27,405.00	(27) Holiday Payments	84209	68,618.00
5,204.00	(28) Non-Special Allowance 5%	84213	
10,000.00	(29) Non-ICA Allowance	84215	
	(30) Non-Adjustment all	84218	5,218.00
7,800.00	(31) Non-COL	84220	3,900.00
73,750.00	(32) Casual Wages	84249	67,000.00
	(33) PGIS Research Congress	32040	39,600.00
<u>3,323,827.87</u>		<u>7,784,892.63</u>	

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2015.12.31				2016.12.31	
Amount		Amount		Amount	
Rs. Cts.		Rs. Cts.		Rs. Cts.	
	Note 08				
	A Deposits	Short term	Long Term		
2,096,144.00	Library Deposit	2,553,114.00	2,297,500.00		
1,443,255.00	Science Deposit	1,865,357.50	1,930,500.00		
<u>3,539,399.00</u>		4,418,471.50	4,228,000.00	<u>8,646,471.00</u>	
	B Tender Deposits				
30,000.00	S.M.Ranasinghe		30,000.00		
9,600.00	Resource Environment Management Service		9,600.00		
13,087.00	Eagle Environmental Service		-		
8,368.74	Clean & Care Environment Service		-		
	Crown Support Service		22,494.00		
	Qualikem International (Pvt) Ltd		25,000.00		
<u>61,055.74</u>				<u>87,094.00</u>	
	C Sundry Creditors				
1,343,877.00	Analytical Instruments (Pvt) Ltd (PGIS/2014/L/CH/52)				
72,250.00	Ceylon Business Appliances (Pvt) Ltd (PGIS/2014/L/EQ/97)				
	Peperline Trading (Pte) Ltd 9SAB/PGIS/2016/		84,500.00		
	Bursar - University of Peradeniya		5,193.33		
<u>1,416,127.00</u>				<u>89,693.33</u>	
	D Other Liabilities				
8,800.00	Stamp Duty		11,600.00		
12,350.00	BOS Molecular Biology				
189,141.50	BOS Chemical Science		3,625.00		
2,684,704.94	BOS Earth Science		437,000.00		
47,850.00	BOS Environment Science		1,625.00		
16,225.00	BOS Mathematics				
16,095.00	BOS Physics		11,740.00		
321,345.08	BOS Plant Science				
114,118.75	BOS Science Education		68,625.00		
71,550.00	BOS Computer Science		16,250.00		
285,802.55	BOS Zoological Sciences		31,388.90		
10,622.50	Book Sale		10,622.50		
-	PGIS Research Congress Note - 12				
<u>3,778,605.32</u>				<u>592,476.40</u>	
	E Security Bonds				
9,230.44	PGIS Shroff		59,230.44		
<u>9,230.44</u>				<u>59,230.44</u>	
	F Differed Income				
5,025,459.78	Tuition Fee		11,310,637.67		
<u>5,025,459.78</u>				<u>11,310,637.67</u>	

2015.12.31		2016.12.31	
Amount		Amount	Amount
Rs. Cts.		Rs. Cts.	Rs. Cts.
204,288.91	G Paye Tax	179,648.64	
204,288.91	Paye Tax		179,648.64

H			
Work Shops & Short Courses			
Postgraduate Certificate Course in Advance Organic Chemistry		37500.00	
4th W/S on Thin Film Solar Cells		70,593.36	
Certificate Course in Teaching Methodologies'		154,736.00	
60 S/C in GIS		51,000.00	
65 S/C in GIS		212,500.00	
19th Advance S/C in GIS		124,658.89	
67 S/C in GIS		143,971.09	
20th Advance S/C in GIS		135,313.30	
68 S/C in GIS		563,912.02	
21st Advance S/C in GIS		96,040.00	
69 S/C in GIS		217,973.85	
5th International Symposium on Water Quality		1,836.55	
70 S/C in GIS		270,912.58	
22nd Advance S/C in GIS		306,000.00	
W/S on Data Science & Big Data Analytics		217,155.00	
71 S/C in GIS		391,787.20	
4th W/S on Scientific Data Management		34,315.00	
Seminar on Air Pollution & Human Health		27,625.00	
23rd Advance S/C in GIS		361,394.51	
			3,419,224.35
14,034,166.19			20,156,476.33

Note 9			
E Provisions			
639,542.40	Provision for Audit Fees	684,116.40	
86,025.00	Provision for Security Service		
5,111,374.73	Provision for Visiting Lecture Fees	7,688,887.47	
-	Provision for Electricity		
5,836,942.13			8,373,003.87

Note 10			
Adjustments			
Description	Amount	Balance	
Cancelled Cheques & Repayments	43,544.59		
Workshops & Shorts Courses	1,199,318.00		
Refunded Tuition Fee	352,060.00		
Error Corrections	(173,413.25)		
Audit Fee	333,960.00		
Write-off of Library & Science Deposits	78,000.00		
Other	360.00		
			1,833,829.34

2015.12.31		2016.12.31	
Amount		Amount	
Rs. Cts.		Rs. Cts.	
	(Note 11)		
	Interest Income		
13,717,229.88	Fixed Deposit Interest	17,288,909.05	
226,008.40	RFC Interest	101,582.81	
333,618.79	Staff Loan Interest	469,203.11	
614,688.23	Savings Interest	667,064.39	
<u>14,891,545</u>		<u>18,526,759.36</u>	
	(Note 12)		
	PGIS Research Congress		
	Receipts		
	Commercial Bank of Sri Lanka	250,000.00	
	National Science Foundation	270,000.00	
	Bank of Ceylon	50,000.00	
	Analytical Instruments (Pte) Ltd	200,000.00	
	Participant	<u>466,500.00</u>	<u>1,236,500.00</u>
	Payments		
	Printing	699,277.00	
	Traveling	47,486.00	
	Refreshment & Meals	528,155.00	
	Other	<u>420,884.65</u>	<u>1,695,802.65</u>
	Expenditure borne by PGIS		<u>(459,302.65)</u>

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Library Deposit		
	M.Sc.	M.Phil./Ph.D
09	135,000.00	12,000.00
10	318,500.00	24,000.00
11	576,000.00	60,000.00
12	138,230.00	54,000.00
13	561,914.00	56,000.00
14	617,470.00	82,000.00
15	1,031,500.00	56,000.00
16	1,060,000.00	68,000.00
Total	4,438,614.00	412,000.00

4,850,614.00

Science Deposits	
M.Sc.	M.Phil./Ph.D
69,000.00	21,000.00
160,000.00	51,000.00
295,000.00	108,000.00
71,820.00	90,000.00
420,935.00	111,000.00
467,602.50	138,000.00
766,500.00	106,500.00
805,500.00	114,000.00
3,056,357.50	739,500.00

Total

3,795,857.50

Grand Total 8,646,471.50

Short-Term Liabilities

Library Deposit		
	M.Sc.	M.Phil./Ph.D
009	135,000.00	12,000.00
010	318,500.00	24,000.00
011	576,000.00	60,000.00
012	138,230.00	54,000.00
013	561,914.00	56,000.00
014	617,470.00	
	2,347,114.00	206,000.00

Science Deposits		Total
M.Sc.	M.Phil./Ph.D	
69,000.00	21,000.00	
160,000.00	51,000.00	
108,000.00	295,000.00	
71,820.00	90,000.00	
420,935.00	111,000.00	
467,602.50		
1,297,357.50	568,000.00	4,418,471.50

Long-Term Liabilities

Library Deposit		
	M.Sc.	M.Phil./Ph.D
014		82,000.00
015	1,031,500.00	56,000.00
016	1,060,000.00	68,000.00
	2,091,500.00	206,000.00

Science Deposits		Total
M.Sc.	M.Phil./Ph.D	
	138,000.00	
766,500.00	106,500.00	
805,500.00	114,000.00	
1,572,000.00	358,500.00	4,228,000.00

Grand Total **8,646,471.50**

2015.12.31		2016.12.31	
Rs.	Cts	Rs.	Cts
(Note 14)			
General Administration and Staff Services			
(Note 14.1)			
Personal Emoluments			
(Note 14.1.1)			
01 Personal Emoluments (Academic)			
1,581,080.00	84101	Salaries and Wages	1,639,877.00
443,541.19	84102	U.P.F	437,276.35
126,637.36	84103	Pension	224,276.63
114,035.72	84104	E.T.F	132,291.61
210,000.00	84106	Interim Allowance (10%)	220,000.00
2,032,910.25	84108	Academic Allowance	2,340,170.00
108,491.40	84110	Other Allowances	110,372.40
297,162.00	84111	Special Allowance 5%	276,964.00
316,216.00	84112	Additional Allowance	322,501.00
54,497.50	84114	Gratuity	126,463.50
	84115	Adjustment All	20,373.00
187,200.00	84120	COL	187,200.00
553,378.00	84121	Research Allowance	564,376.75
	84122	Staff Benefits	3,030.00
	80916	Visiting Lecture Fees Note 17.01	19,053,738.24
12,253,334.01			
<u>18,278,483.43</u>			<u>25,658,910.48</u>
(Note 14.1.2)			
02 Personal Emoluments (Non academic)			
5,945,253.17	84201	Salaries and Wages	6,454,198.43
732,485.55	84202	U.P.F	826,612.02
463,158.98	84203	Pension	551,813.82
239,128.90	84204	E.T.F	288,079.14
1,238,149.88	84208	Overtime	1,464,060.74
200,153.00	84209	Holiday Payments	268,664.50
103,775.00	84210	Other Allowances	4,200.00
115,258.63	84212	Additional Allowance	1,194,378.99
1,189,050.64	84213	Special Allowance 5%	1,152,068.63
315,347.50	84214	Gratuity	1,506,412.50
2,275,931.17	84215	ICA Allowance	2,439,354.84
349,125.00	84216	Research Allowance	361,364.50
1,152,626.20	84217	Additional Allowance 20%	1,191,327.71
	84218	Adjustment All	233,881.00
2,025,710.32	84220	COL	2,174,652.47
244,926.97	84221	Staff Benefits	429,543.23
<u>17,627,410.91</u>			<u>20,540,612.52</u>
(Note 14.1.3)			
04 Personal Emoluments (Casual)			
936,050.60	84249	Casual Wages	1,016,923.00
<u>936,050.60</u>			<u>1,016,923.00</u>
(Note 14.2)			
05 Travelling and Subsistence			
978,419.24	80501	Travelling Expenses (Domestic)	859,253.09
288,997.31	80502	Travelling Expenses (Foreign)	247,289.15
<u>1,267,416.55</u>			<u>1,106,542.24</u>
(Note 14.3)			
06 Supplies			
1,372,134.75	80601	Stationery & Office Requisites	1,269,875.23
545,375.70	80602	Fuel & Lubricant	537,566.40
15,769.16	80603	Uniform & Tailoring	18,668.66
63,605.00	80604	Mechanical & Electrical	319,596.80
1,119,947.62	80605	Chemicals & Glassware	1,919,613.76
<u>3,116,832.23</u>			<u>4,065,320.85</u>

2015.12.31		2016.12.31	
Rs. Cts		Rs. Cts	Rs. Cts
(Note 14.4)	07 Maintenance		
533,040.79	80701 Vehicles	660,023.68	
619,370.48	80702 Plant, Machinery & Equipments	357,786.19	
707,992.00	80703 Building & Structure	36,395.00	1,054,204.87
<u>1,860,403.27</u>			
(Note 14.5)	08 Contractual Services		
1,165,097.96	80802 Telecommunications	1,303,949.78	
237,393.00	80803 Postal Charges	238,597.00	
988,895.02	80804 Electricity	1,045,411.90	
1,012,875.00	80805 Security Services	884,417.06	
83,790.00	80806 Water Charges	66,852.00	
799,657.86	80807 Cleaning Services	981,429.31	4,520,657.05
<u>4,287,708.84</u>			
(Note 14.6)	09 Other Recurrent Expenditure		
809,651.28	80810 Printing and Advertising	920,117.25	
226,934.40	80811 Audit Fee	267,444.00	
834,871.36	80902 Special Services Council & Commit.	1,120,214.91	
24,498.00	80903 Special Services Professional & Other	31,247.50	
164,488.50	80904 Workshops & Seminars	60,367.00	
87,945.00	80905 Academic Research	89,278.50	
302,323.88	80906 Staff Development	97,779.33	
20,000.00	80907 Grants to other organizations		
16,740.00	80908 Holiday Warrant	54,973.75	
64,367.50	80010 Bank Charges	55,641.52	
-	80911 Awards & Indemnities	472,500.00	
155,930.00	80913 Convocation		
3,966,513.82	80914 Examination Expenses	4,296,748.91	
851,205.27	80915 Other - Newspaper, Magazines	1,357,738.04	
128,700.00	80930 Staff Welfare	189,000.00	
1,412,748.00	80933 Industry Internship & Career Guidance	40,000.00	
359,724.01	80935 PGIS Research Congress	459,302.65	
26,125.00	90275 Stamp Duty	26,250.00	
<u>9,452,766.02</u>			9,538,603.36
<u>56,827,071.85</u>			<u>67,501,774.37</u>
(Note 15)			
967,722.62	STOCK (Stationery)	872,945.16	
	Stock as at 01/ 01/ 2016		
	Add	1,115,356.15	
1,278,765.07	Purchases during the year		
	Less		
(1,407.78)	Transfers	718,916.86	
872,945.16	Stock as at 31/ 12/ 2016		1,269,384.45
<u>1,372,134.75</u>	Income and Expenditure Account		
	STOCK (Chemical)	939,842.28	
551,679.58	Stock as at 01/ 01/ 2016		
	Purchases during the year	1,569,393.08	
1,508,110.32			
	Transfers		
939,842.28	Stock as at 31/ 12/ 2016	913,841.53	
<u>1,119,947.62</u>	Income and Expenditure Account		1,595,393.83
<u>2,492,082.37</u>			<u>2,864,778.28</u>

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<u>2015.12.31</u>		<u>2016.12.31</u>
Rs. Cts		Rs. Cts
(Note 16)		
	Depreciation during the Year	
3,893,352.48	Building	3,893,352.48
51,400.00	Telephone	51,400.00
8,340,219.72	Lab & Teaching Equipment	9,918,657.22
1,734,914.87	Books and Periodicals	1,795,772.88
1,759,865.40	Office Equipment	1,784,868.22
3,057,223.33	Motor Vehicles	3,250,390.00
<u>18,836,975.81</u>		<u>20,694,440.80</u>
(Note 17)		
	Cash & Cash Equivalent	
1,200,202.57	Cash at Bank A/c No. 0001273990	5,289,264.62
488,596.08	Cash at Bank A/c No. 001274002	1,596,609.12
428,855.21	Cash at Bank A/c No.057100191338034	1,428,429.76
1,451,092.42	Cash at Bank A/c No. 057100161338035	318,775.13
2,297,244.58	RFC Account	6,416,980.41
4,086,677.35	Savings Account at People's Bank	34,447,434.31
<u>9,952,668.21</u>		<u>49,497,493.35</u>
(Note 17.1)		
	Lecture Fees	
10,233,014.00	Payment made this year	16,476,226.00
(3,091,054.00)	Opening Provision	(5,111,375.00)
<u>7,141,960.00</u>		<u>11,364,851.00</u>
5,111,375.00	Closing Provision	7,688,887.00
<u>12,253,335.00</u>	Expenditure for the year	<u>19,053,738.00</u>

Short Courses and Workshops conducted during the year 2016

C No	Name	Income	Expenditure	Surplus	Admin Charges Made for PGIS
071	67th S/C on GIS & Its Applications	270,000.00	126,028.91	143,971.09	27,000.00
073	68th S/C on GIS & Its Applications	930,000.00	366,087.98	563,912.02	90,000.00
076	69th S/C on GIS & Its Applications	300,000.00	82,026.15	217,973.85	30,000.00
078	70th S/C on GIS & Its Applications	365,000.00	94,087.42	270,912.58	36,500.00
081	71st S/C on GIS & Its Applications	540,000.00	148,212.80	391,787.20	54,000.00
068	19th Advanced S/C on GIS	150,000.00	42,601.11	107,398.89	15,000.00
072	20th Advanced S/C on GIS	210,000.00	74,686.70	135,313.30	21,000.00
074	21st Advanced S/C on GIS	120,000.00	23,960.00	96,040.00	12,000.00
079	22nd Advanced S/C on GIS	360,000.00	54,000.00	306,000.00	36,000.00
087	23rd Advanced S/C on GIS	480,000.00	118,605.49	361,394.51	48,000.00
083	6th W/S on Scientific Writing	81,500.00	90,265.00	-8,765.00	--
085	7th W/S on Scientific Writing	83,000.00	109,857.00	-26,857.00	--
077	5th Symposium on water Quality	507,778.00	505,941.45	1,836.55	50,777.80
052	W/S on Data Science & Data Analytics	325,000.00	122,345.00	202,655.00	32,500.00
086	Seminar on Air Pollution & Human	32,500.00	--	--	3,250.00

DEPRECIATION DURING THE YEAR 2015

Asset	Cost	Month	Addition/ Rehabilitation	Depreciate Period	Rate	Calculation	Total for Period
Building	77,867,049.63				5%	3,893,352.48	3,893,352.48
Telephone	514,000.00				10%	514,000.00	51,400.00
Lab & Teaching Equipments	5,037,260.60 12,075,000.00 1,993,207.70 8,798,948.60 9,557,464.50 13,711,457.73 51,173,339.13 284,600.00 1,309,000.00 83,350.00 9,087,610.00 581,765.01	2011 Revalued amount 2012 2013 2014 2015 OB / 01-01-2016 Feb Apr Jul Oct Dec	284600.00 1309000.00 83350.00 9087610.00 581765.01	10 Months 8 Months 5 Months 2 Months 0 Months	20% 20% 20% 20% 20% 20% 20% 20% 20% 20% 20%	9,386,824.39 47,433.33 174,533.33 6,945.83 302,920.33 -	9,918,657.22
Library Books	7,060,000.00 271,385.59 175,611.56 900,184.66 534,785.07 8,941,966.88 28,020.00 14,950.00 289,313.68	Revalued amount 2012 2013 2014 2015 OB / 01-01-2016 Jan Mar Dec	28,020.00 14,950.00 289,313.68	11 Months 9 Months 0 Months	20% 20% 20% 20%	1,788,393.38 5,137.00 2,242.50 -	1,795,772.88
Office Equipments	1,186,807.50 6,069,900.00 10,899.84 810,860.80 624,913.44 268,571.00 8,971,952.58 15,000.00 420,689.10 101,010.00 77,266.84	2011 Revalued amount 2012 2013 2014 2015 OB / 01-01-2016 Jul Sep Oct Dec	15,000.00 420,689.10 101,010.00 77,266.84	5 Months 3 Months 2 Months 0 Months	20% 20% 20% 20%	1,759,216.77 1,250.00 21,034.46 3,367.00 -	1,784,868.22
Vehicles	2,500,000.00 7,956,950.00 - 5,795,000.00 16,251,950.00	Revalued amount 2012 2013 2014 2015 OB / 01-01-2015			20%	3,250,390.00	3,250,390.00
Total							20,694,440.80

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POSTGRADUATE INSTITUTE OF SCIENCE
AS AT 31st DECEMBER 2015
TRIAL BALANCE

Acc: Code	Acc: Name	Acc: Type	Dr: Amount	Cr: Amount
00001	CASH BOOK A/C 0001273990	BANK	5,289,264.62	-
00002	CASH BOOK A/C 0001274002	BANK	1,596,609.12	-
00003	CASH BOOK A/C 057100191338034	BANK	1,428,429.76	-
00004	CASH BOOK A/C 057100161338035	BANK	318,775.13	-
01001	SUNDRY DEBTORS	CURAST	98,131.95	-
01002	MISCELLANEOUS ADVANCE	CURAST	-	-
01004	STOCK AS AT 31ST DECEMBER	CURAST	1,632,757.61	-
01006	PREPAYMENTS	CURAST	143,122.96	-
01007	MOBILIZATION ADVANCE	CURAST	26,220,000.00	-
01009	RECEIVABLE - DEPOSITS	CURAST	2,500.00	-
02000	DISTRESS LOAN	CURAST	2,600,244.40	-
02002	COMPUTER LOAN	CURAST	240,000.00	-
02003	STAFF LOAN	CURAST	25,330.00	-
02004	VEHICLE LOAN	CURAST	327,602.00	-
03000	ACCRUED INCOME	CURAST	7,687,851.02	-
04000	DEPOSIT FOR SERVICES- FUEL	CURAST	70,000.00	-
05000	RFC	CURAST	6,416,980.41	-
10000	BUILDING	FIXAST	77,867,049.81	-
10002	TELEPHONE	FIXAST	514,000.00	-
10003	LAB & TEACHING EQUIPMENTS	FIXAST	62,519,664.14	-
10004	LIBRARY BOOKS	FIXAST	9,274,250.56	-
10005	MOTOR VEHICLES	FIXAST	16,251,950.00	-
10006	OFFICE FURNITURE EQUIPMENTS	FIXAST	9,585,918.52	-
10100	FIXED DEPOSIT - BOC	INVEST	1,316,355.69	-
10110	FIXED DEPOSIT - BOC - RFC	INVEST	120,624,872.12	-
10200	FIXED DEPOSITS - PEOPLES BANK	INVEST	161,033,667.34	-
10300	SAVINGS ACCOUNTS - PEOPLES BANK	INVEST	34,447,434.31	-
10500	FIXED DEPOSIT- NSB	INVEST	2,200,000.00	-
20000	GENERAL RESERVES	EQUITY	-	207,650,245.70
21000	CAPITAL GRANT - SPENT	EQUITY	-	146,109,892.50
21100	CAPITAL GRANT - OTHER	EQUITY	-	5,000,000.00
21200	CAPITAL GRANT	EQUITY	-	10,000,000.00
21500	REVALUATION RESERVE	EQUITY	-	20,854,651.38
23020	BOS CHEMICAL SCIENCE	CURLIA	-	3,625.00
23030	BOS EARTH SCIENCE	CURLIA	-	437,000.00
23040	BOS ENVIRONMENTAL SCIENCE	CURLIA	-	1,625.00
23060	BOS PHYSICS	CURLIA	-	11,740.00
23080	BOS SCIENCE EDUCATION	CURLIA	-	68,625.00
23090	BOS COMPUTER SCIENCE	CURLIA	-	16,250.00
23100	BOS ZOOLOGICAL SCIENCE	CURLIA	-	31,388.90
23200	DIFFERED INCOME	CURLIA	-	11,310,637.67
23500	ADJUSTMENT (CREDIT)	LNGLIA	1,833,829.34	-

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Acc: Code	Acc: Name	Acc: Type	Dr: Amount	Cr: Amount
30004	LIBRARY DEPOSIT	CURLIA	-	4,850,614.00
30005	SCIENCE DEPOSIT	CURLIA	-	3,795,857.50
30100	DEPOSITS	CURLIA	-	87,094.00
30200	SECURITY BOND	CURLIA	-	59,230.44
30300	ACCRUED EXPENDITURE	CURLIA	-	7,784,892.63
30700	SUNDRY CREDITORS	CURLIA	-	89,693.33
31520	POSTGRADUATE CERTIFICATE COURSE IN	CURLIA	-	37,500.00
31950	STAMP DUTY	CURLIA	-	11,600.00
31954	PAYEE TAX	CURLIA	-	179,648.64
32027	BOOK SALE	CURLIA	-	10,622.50
32052	4th W/S ON THIN FILM SOLAR CELLS	CURLIA	-	70,593.36
32056	CERTIFICATE COURSE IN TEACHING MYTHOL	CURLIA	-	154,736.00
32057	60 S/C ON GIS	CURLIA	-	51,000.00
32064	65 S/C ON GIS	CURLIA	-	212,500.00
32068	19th ADVANCE S/C ON GIS	CURLIA	-	124,658.89
32071	67 S/C ON GIS	CURLIA	-	143,971.09
32072	20th ADVANCE S/C ON GIS	CURLIA	-	135,313.30
32073	68 S/C ON GIS	CURLIA	-	563,912.02
32074	21st ADVANCE S/C ON GIS	CURLIA	-	96,040.00
32076	69 S/C ON GIS	CURLIA	-	217,973.85
32077	5TH INTERNATIONAL SYMPOSIUM ON WATER	CURLIA	-	1,836.55
32078	70 S/C ON GIS	CURLIA	-	270,912.58
32079	22nd ADVANCE S/C ON GIS	CURLIA	-	306,000.00
32080	W/S ON DATA SCIENCE & BIG DATA ANALYTI	CURLIA	-	217,155.00
32081	71 S/C ON GIS	CURLIA	-	391,787.20
32084	04th W/S ON SCIENTIFIC DATA MANAGEMENT	CURLIA	-	34,315.00
32086	SEMINAR ON AIR POLLUTION & HUMAN HEAI	CURLIA	-	27,625.00
32087	23rd ADVANCE S/C ON GIS	CURLIA	-	361,394.51
35000	PROV: FOR DEP: - BUILDING	PRODEP	-	19,374,003.47
35200	PROV: FOR DEP: - L & T EQUIPMENT	PRODEP	-	32,149,423.29
35300	PROV: FOR DEP: - LIBRARY BOOKS	PRODEP	-	7,952,720.61
35400	PROV: FOR DEP: - MOTOR VEHICLES	PRODEP	-	10,576,342.50
35500	PROV: FOR DEP: - OFF: EQUIPMENT	PRODEP	-	8,182,235.33
35600	PROV: FOR DEP: - TELEPHONE	PRODEP	-	257,000.00
35700	PROVISION FOR AUDIT FEES	PROV	-	684,116.40
35720	PROVISION FOR GRATUITY	PROV	-	6,039,781.00
35760	PROVISION FOR VISITING LECTURE FEE	PROV	-	7,688,887.47
60000	GOV: GRANT FOR RECURRENT	INCOME	-	12,000,000.00
70010	EXAMINATION FEES	INCOME	-	1,344,000.00
70020	TUITION FEES	INCOME	-	57,769,952.11
70030	REGISTRATION FEE	INCOME	-	4,055,850.00
70061	EXCHANGE GAIN /LOSS	INCOME	-	4,988,038.35
70070	MISCELLANEOUS INCOME	INCOME	-	4,563,632.23
70090	MEDICAL FEE	INCOME	-	85,975.00

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Acc: Code	Acc: Name	Acc: Type	Dr: Amount	Cr: Amount
70190	SERVICES & FACILITIES FEE	INCOME	-	91,000.00
70200	VEHICLE HIRING CHARGES	INCOME	-	377,884.00
70250	LIBRARY TICKET	INCOME	-	903,000.00
75060	INTEREST INCOME	INCOME	-	18,526,759.36
75064	SUPERVISION FEE	INCOME	-	814,980.00
75100	BENCH FEE	INCOME	-	592,500.00
80501	TRAVELLING EXPENSES (DOMESTIC)	EXP	859,253.09	-
80502	TRAVELLING EXPENSES (FOREIGN)	EXP	247,289.15	-
80601	STATIONARY & OFFICE REQUISITES	EXP	1,269,875.23	-
80602	FUEL & LUBRICANT	EXP	537,566.40	-
80603	UNIFORM & TAILORING	EXP	18,668.66	-
80604	MECHANICAL & ELECTRICAL GOODS	EXP	319,596.80	-
80605	CHEMICAL & GLASSWARE	EXP	1,919,613.76	-
80701	VEHICLES	EXP	660,023.68	-
80702	PLANT , MACHINERY & EQUIPMENT	EXP	357,786.19	-
80703	BUILDING & STRUCTURE	EXP	36,395.00	-
80802	TELECOMMUNICATION	EXP	1,303,949.78	-
80803	POSTAL CHARGES	EXP	238,597.00	-
80804	ELECTRICITY	EXP	1,045,411.90	-
80805	SECURITY SERVICES	EXP	884,417.06	-
80806	WATER CHARGES	EXP	66,852.00	-
80807	CLEANING SERVICES	EXP	981,429.31	-
80810	PRINTING ADVERTISING ECT	EXP	920,117.25	-
80811	AUDIT FEES	EXP	267,444.00	-
80902	SPECIAL SERVICES COUNCIL & COMITIES	EXP	1,120,214.91	-
80903	SPECIAL SERVICES - PROFESSIONAL & OTHI	EXP	31,247.50	-
80904	WORKSHOP & SEMINARS	EXP	60,367.00	-
80905	ACADEMIC RESEARCH	EXP	89,278.50	-
80906	STAFF DEVELOPMENT	EXP	97,779.33	-
80908	HOLIDAY WARRANT	EXP	54,973.75	-
80910	BANK CHARGES	EXP	55,641.52	-
80911	AWARDS & INDEMNITIES	EXP	472,500.00	-
80914	EXAMINATION EXPENSES	EXP	4,296,748.91	-
80915	OTHER - NEWSPAPER MAGAZINES ECT	EXP	1,357,738.04	-
80916	VISITING LECTURE FEES	EXP	19,053,738.24	-
80917	DEPRECIATION & AMORTIZATION EXPENSES	EXP	20,694,440.80	-
80930	STAFF WELFARE	EXP	189,000.00	-
80933	CAREER GUIDANCE	EXP	40,000.00	-
80935	PGIS RESEARCH CONGRESS	EXP	459,302.65	-
84101	ACA - SALARIES & WAGES	EXP	1,639,877.00	-
84102	ACA-U .P .F	EXP	437,276.35	-
84103	ACA-PENSION	EXP	224,276.63	-
84104	ACA-E. T. F	EXP	132,291.61	-
84106	ACA-INTERIM ALLOWANCE (10%)	EXP	220,000.00	-

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Acc: Code	Acc: Name	Acc: Type	Dr: Amount	Cr: Amount
84108	ACA - ACADEMIC ALLOWANCE	EXP	2,340,170.00	-
84110	ACA - OTHER ALLOWANCE	EXP	110,372.40	-
84111	ACA-SPECIAL ALLOWANCE 5%	EXP	276,964.00	-
84112	ACA-ADDITIONAL ALLOWANCE (20%)	EXP	322,501.00	-
84114	ACA-GRATUITY	EXP	126,463.50	-
84115	ACA-ADJUSTMENT ALL	EXP	20,373.00	-
84120	ACA-COL	EXP	187,200.00	-
84121	ACA-RESEARCH ALLOWANCE 25%	EXP	564,376.75	-
84122	ACA-STAFF BENEFITS	EXP	3,030.00	-
84201	NON-ACA-SALARIES	EXP	6,454,198.43	-
84202	NON-ACA- U P F	EXP	826,612.02	-
84203	NON-ACA PENSION	EXP	551,813.82	-
84204	NON-ACA- E.T.F	EXP	288,079.14	-
84208	NON- ACA-OVER TIME	EXP	1,464,060.74	-
84209	NON-ACA-HOLIDAY PAYMENTS	EXP	268,664.50	-
84210	NON-ACA OTHER ALLOWANCE	EXP	4,200.00	-
84212	NON-ACA-ADD- ALLOWANCE (20%)	EXP	1,194,378.99	-
84213	NON-ACA-SPECIAL ALLOWANCE 5%	EXP	1,152,068.63	-
84214	GRATUITY	EXP	1,506,412.50	-
84215	NON-ACA ICA ALLOWANCE	EXP	2,439,354.84	-
84216	NON-ACA-RESEARCH ALLOWANCE 25%	EXP	361,364.50	-
84217	NON-ADDITIONAL ALLOWANCE	EXP	1,191,327.71	-
84218	NON-ACA-ADJUSTMENT ALL	EXP	233,881.00	-
84220	NON-ACA-COL	EXP	2,174,652.47	-
84221	NON-ACA-STAFF BENEFITS	EXP	429,543.23	-
84249	CASUAL WAGES	EXP	1,016,923.00	-
90275	STAMP DUTY	EXP	26,250.00	-
Gmt	GRANT	GRANT	-	18,960,566.32
			<u>639,762,805.98</u>	<u>639,762,805.98</u>

BUDGET ALLOCATION FOR THE YEAR - 2016

Category / Object Title	2016 Budget Estimates	
RECURRENT EXPENDITURE		
<i>Personal Emoluments</i>		43,274,000.00
Salaries & Wages	14,418,000.00	
Overtime & Holiday Payment	1,830,000.00	
Visiting Lecture Fees	15,900,000.00	
Other Allowances	11,126,000.00	
<i>Travelling Expenses</i>		1,975,000.00
Domestic	1,300,000.00	
Foreign	675,000.00	
<i>Supplies</i>		6,182,000.00
Stationary & Office Requisites	1,500,000.00	
Fuel & Lubricants	1,100,000.00	
Uniforms	32,000.00	
Mechanical & Electrical Goods	500,000.00	
Other/Chemicals & Glassware	3,050,000.00	
<i>Maintenance Expenditure</i>		2,640,000.00
Vehicles	700,000.00	
Plant, Machinery & Equipments	690,000.00	
Building Structure & Other	1,250,000.00	
<i>Contractual Services</i>		6,680,000.00
Transport	-	
Telecommunication	1,000,000.00	
Postal Charges	250,000.00	
Electricity, Water & Security Services	3,250,000.00	
Rates & Taxes to Local Authorities	30,000.00	
Other / Cleaning Services, Printing etc....	2,150,000.00	
<i>Transfers</i>		
Subscriptions, Contributions and membership fees - Domestic		
Subscriptions, Contributions and membership fees - Foreign		
<i>Other Recurrent Expenses</i>		14,870,000.00
Holiday Warrants	30,000.00	
Other Recurrent Expenses	14,840,000.00	
Total Recurrent Expenditure		75,621,000.00

Q24

POSTGRADUATE INSTITUTE OF SCIENCE
SUMMARY OF THE RECURRENT BUDGET 2016 & ACTUAL EXPENDITURE 2015/2016

Code	Description	Actual 2015	Budget 2016	Actual 2016
	INCOME	101,837,849.33	75,621,000.00	106,113,571.05
01	Government Grant	12,000,000.00	12,000,000.00	12,000,000.00
02	Other Grants	-	-	-
03	Internal Income	89,837,849.33	63,621,000.00	94,113,571.05
	EXPENDITURE	56,827,071.85	75,621,000.00	67,501,774.37
04	Personal Emoluments	36,841,944.94	43,274,000.00	47,216,446.00
05	Travelling & Subscription	1,267,416.55	1,975,000.00	1,106,542.24
06	Supplies	3,116,832.23	6,182,000.00	4,065,320.85
07	Maintenance	1,860,403.27	2,640,000.00	1,054,204.87
08	Contractual Services	4,287,708.84	6,680,000.00	4,520,657.05
09	Other Recurrent Expenses	9,452,766.02	14,870,000.00	9,538,603.36

Q²

POSTGRADUATE INSTITUTE OF SCIENCE (PGIS)

University of Peradeniya

CADRE - 2016

Post	Salary Code	No. of Posts in original cadre (2015)	Posts filled	Cadre Vacant
Director	U-AC 5 (II)	1	1	-
Professor	U-AC 5 (II)	2	-	2
Visiting Professor	U-AC 5 (II)	2	-	2
Deputy Registrar	U-EX 2 (a)	1	1	-
Assistant Registrar	U-EX 2 (III)	1	1	-
Senior Assistant Bursar	U-EX 2 (III)	1	1	-
Senior Lecturer Gr II	U-AC 3 (II)	1	1	-
Temporary Research Assistant	U-AC 2	2	1	1
Electronics Engineer Gr III	U-EX 1 (IV)	1	1	-
Scientific Assistant Gr II	U-AS 1 (II)	1	1	-
Audio Visual Technical Officer II	U-MN 1 (I)	1	1	-
Clerk Grade I	U-MN 2 (I)	1	1	-
Clerk Grade II	U-MN 1 (II)	1	1	-
Clerk Grade III	U-MN 1 (IIIA)	2	2	-
Book Keeper I	U-MN 1 (I)	1	1	-
Technical Officer Grade II Seg. 'B'	U-MT1(III)	3	1	2
Computer Application Assistant Grade III	U-MN 1 (IIIB)	3	3	0
Stenographer Grade II	U-MN 1 (IIIB)	2	2	0
Clerk-cum-Data Entry Operator Gr III	U-MN 1 (IIIA)	1	1	-
Shroff-cum-stores Clerk Grade III	U-MN 1 (IIIA)	1	1	-
Library Assistant Grade III	U-MN 1 (IIIA)	1	-	1
Machine Operator Grade II	U-PL 2 (II)	1	-	1
Driver Grade II	U-PL 2 (II)	3	2	1
Labourer Sp Grade	U-PL 1 (Sp I)	1	1	-
Labourer Grade 2	U-PL 1 (II)	1	-	1
Labourer Grade 3	U-PL 1 (III)	2	1	1
Total		38	26	12

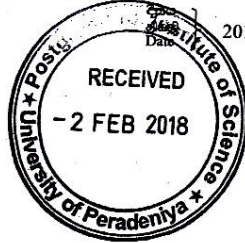
Auditor Gen. Report 2016 - English Translation



විගණකාධිපති දෙපාර්තමේන්තුව
கணக்காய்வாளர் தலைமை அதிபதி திணைக்களம்
AUDITOR GENERAL'S DEPARTMENT



මගේ අංකය / எனது இல. } My No. } 2017/09 }
 ඔබේ අංකය / உமது இல. } Your No. }



2018 ජනවාරි 17 දින

අධ්‍යක්ෂ,
 විද්‍යා පශ්චාත් උපාධි ආයතනය.

විද්‍යා පශ්චාත් උපාධි ආයතනයේ 2016 දෙසැම්බර් 31 දිනෙන් අවසන් වර්ෂය සඳහා වූ මූල්‍ය ප්‍රකාශන පිළිබඳව 1978 අංක 16 දරන විශ්වවිද්‍යාල පනතේ 108(1) උප වගන්තිය ප්‍රකාර විගණකාධිපති වාර්තාව

මාගේ සමාංක හා 2017 දෙසැම්බර් 08 දිනැති ලිපියට යොමුවේ.

02. ඉහත සඳහන් ලිපිය සමඟ එවන ලද මාගේ වාර්තාවේ ඉංග්‍රීසි අනුවාදය මේ සමඟ එවා ඇත.
 DR/ PIs. go through the report. Next week we will have a meeting. PIs. call a meeting with DR/AB

DIRECTOR
 POSTGRADUATE INSTITUTE OF SCIENCE
 UNIVERSITY OF PERADENIYA

ඊ.පී.පී.ආනන්ද

නියෝජ්‍ය විගණකාධිපති
 විගණකාධිපති වෙනුවට

- පිටපත් -
1. ලේකම්, උසස් අධ්‍යාපන හා මහාමාර්ග අමාත්‍යාංශය
 2. ලේකම්, මුදල් හා ජනමාධ්‍ය අමාත්‍යාංශය
 3. සභාපති, විශ්වවිද්‍යාල ප්‍රතිපාදන කොමිෂන් සභාව
 4. උපකුලපති, පේරාදෙණිය විශ්වවිද්‍යාලය



විගණකාධිපති දෙපාර්තමේන්තුව
கணக்காய்வாளர் தலைமை அபிபதி திணைக்களம்
AUDITOR GENERAL'S DEPARTMENT



මගේ අංකය
எனது இல.
My No. }

CLP/KD/ J/PGIS/2017/09
உமது இல.
Your No. }

දිනය
திகதி
Date }

08 December 2017

The Director,
Postgraduate Institute of Science.

DIRECTOR
POSTGRADUATE INSTITUTE OF SCIENCE
UNIVERSITY OF PERADWARA
PERADWARA, SRI LANKA

Report of the Auditor General on the Financial Statements of the Postgraduate Institute of Science for the year ended 31 December 2016 in terms of Sub-section 108(1) of the Universities Act, No.16 of 1978.

The audit of financial statements of the Postgraduate Institute of Science for the year ended 31 December 2016 comprising the statement of financial position as at 31 December 2016 and the statement of financial performance , statement of changes in equity and cash flow statement for the year then ended and a summary of significant accounting policies and other explanatory information, was carried out under my direction in pursuance of provisions in Article 154(1) of the Constitution of the Democratic Socialist Republic of Sri Lanka read in conjunction with Section 21 of the Ordinance published in the Gazette Extraordinary No.909/13 of 09 February 1996 and Sub-section 107(5) of the Universities Act, No.16 of 1978. My comments and observations which I consider should be published with the Annual Report of the Institute in terms of Sub-section 108(1) of the Universities Act appear in this report. A detailed report in terms of Section 108(2) of the Universities Act was issued on 28 September 2017.

1.2 Management's Responsibility for the Financial Statements

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



1.3 Auditor's Responsibility

My responsibility is to express an opinion on these financial statements based on my audit. I conducted my audit in accordance with Sri Lanka Auditing Standards consistent with International Auditing Standards of Supreme Audit Institutions (ISSAI 1000 – 1810).

1.4 Basis for Disclaimer of Opinion

As a result of the matters described in paragraph 2.2 of this report I am unable to determine whether any adjustments might have been found necessary in respect of recorded or unrecorded items and the elements making up the statement of financial position, statement of financial performance and cash flow statement.

2. Financial Statements

2.1 Disclaimer of Opinion

Because of the significance of the matters described in paragraph 2.2 of this report, I have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, I do not express an opinion on these financial statements.

2.2 Comments on Financial Statements

2.2.1 Accounting Policies

An Accounting Policy had not been identified by the Institute for bringing to account the Government Capital Grants totalling Rs.161,109,893 as at 31 December 2016, which had been received from several years, had been stated under grants rights.



2.2.2 Accounting Deficiencies

The following observations are made.

- (a) A sum of Rs.43,000,000 received from the Treasury and from the National Science Foundation to the Institute in the year under review had been stated as a sum of Rs.15,000,000 in the cash flow statement.
- (b) Refunding of fixed deposits amounting to Rs.28,000,000 had been stated as an outflow of money and a sum of Rs.19,683,278 invested had been stated as an inflow of money in the cash flow statement under investment activities in the year under review.
- (c) The increase of other assets including in the current assets amounting to Rs.27,271,367 had been stated as an inflow of money amounting to Rs.274,044 instead of stating as an outflow of money in the cash flow statement, according to the statement of financial position.
- (d) The credit balance amounting to Rs.1,276,498 in the Adjustment Account stated in the financial statements had been stated under operating activities in the cash flow statement by deducting from the profit.
- (e) The balance amounting to Rs.604,708 in the Savings Account initiated on 27 September 2016 as "P. Amarasinghe Scholarship Fund" in a State Bank and the balance amounting to Rs.428,651 as at 31 December 2016 in the Fixed Deposit initiated on 09 December 2013 had not been stated in the statement of financial position.



2.2.3 Lack of Evidence for Audit

Three Items of Accounts totalling Rs.80,141,656 could not be satisfactorily vouched or accepted due to non- submission of evidence for audit indicated against each item.

Item	Value	Evidence not made Available
	Rs.	
(a) Chemicals and other equipments purchased for research projects	3,121,993	Stock Books and Inventory Registers
(b) Nine short- term courses on GIS (Geographical Information Systems)	2,356,138	Information that the courses had been held
(c) The loss incurred to the Fund including the interest lost due to obtaining money anomalously by cancelling the fixed deposits.	74,663,525	Information on adjustments made to the financial statements relating to the relevant entire loss from the year 2008 to the year 2016.

 80,141,656
 =====



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

The following non-compliances were observed.

Reference to Laws, Rules and Regulations	Non- compliance
(a) Financial Regulations of the Democratic Socialist Republic of Sri Lanka	
(i) Financial Regulation 135	Even though a method of control should be established for financial activities in a manner which enables an internal examination, all activities including keeping all the Certificates of Fixed Deposits under the name of Postgraduate Institute of Science under the custody, renewal of those certificates, encashing and preparing the relevant letters had been entrusted to a single officer from the year 2006 to the year 2016, not in manner which does not comply with the Financial Regulations.
(ii) Public Finance Circular No.03/2015 and dated 14 July 2015 issued as the Amendment to the Financial Regulation 371	<ul style="list-style-type: none"> ❖ Advances had been given ranging from a sum of Rs.114,000 to a sum of Rs.176,800 exceeding the limit amounting to Rs.100,000 in 07 instances. ❖ Money had been given ranging from 12 per cent to 78 per cent more than the required amount in 13 instances and, that surplus money had been



settled with a delay ranging from 07 days to 77 days.

- (iii) Financial Regulation 757(2)(b) Even though the Board of Survey had been appointed to conduct the Annual Board of Survey relating to the year 2016, the Board of Survey had not been completed.

(b) Establishments Code of University Grants Commission and the Higher Educational Institutions

Sections (ii) and (iii) of 6.2 of Chapter VIII of Part II

Even though a portion of 10 per cent of the amount of fees earned by a service performed in addition to his duty should be paid to the Higher Educational Institution to which he belongs to, action had not been taken to credit a sum of Rs.1,105,856, a portion of 10 per cent of the lecture fees amounting to Rs.11,058,565 paid to Visiting Lecturers in the year 2016 by the Postgraduate Institute of Science, to the Fund of the Institution.

- (c) Section 8.2.2 of the Public Enterprises Circular No.PED/12 of 02 June 2013 Even though surplus money could not be invested in Government Institutions without the approval of the Treasury, a sum of Rs.89,174,895 had been invested in fixed deposits by the Institute on the approval of the Board of Control contrary to it.



3. Financial Review

3.1 Financial Result

According to the financial statements presented, the financial result for the year under review had resulted in a surplus of Rs.17,917,356 as compared with the corresponding surplus of Rs.26,173,802 for the preceding year. As such, a deterioration of Rs.8,256,446 was observed in the financial result. Even though the income from course fees had been increased by a sum of Rs.6,083,334 as compared with the preceding year, the increase of personnel emoluments by a sum of Rs.10,374,501 had been the main reason for this deterioration.

In analyzing financial results in the year under review and of 04 preceding years, a financial surplus had been indicated from the year 2012 to the year 2016 and after adjusting personnel emoluments and depreciation for non-current assets, the contribution of the Institute amounting to Rs.45,894,445 in the year 2012 had been continuously improved and had been a sum of Rs.85,828,243 in the year under review.

4. Operating Review

4.1 Performance

The main objectives of the Institute in terms of the Postgraduate Institute of Science Ordinance No.01 of 1996 are briefly given below.

- Making the Postgraduate Institute of Science an excellent institution.
- Creating an excellent institution for fundamental and compound scientific experiments.
- Propagating scientific information to the society.
- Making the Postgraduate Institute of Science into a most excellent Postgraduate Institute with high financial and administrative efficiency.



The following observations are made relating to the achievement of the above objectives.

- (a) Even though the Postgraduate Institute of Science had been targeted to achieve 14000th place in the year 2016 according to World University Gradings, it had achieved 17314th place in the relevant year.
- (b) Even though it had been targeted to introduce 04 new courses in the year under review, only 02 courses had been made operative in the year.

4.2 Management Activities

Action had not been taken either to deploy for the relevant research activities or to settle to the relevant institutions the funds amounting to Rs.2,696,003 received in the preceding years from 07 institutions for research activities.

4.3 Operating Activities

The following observations are made.

- (a) Sixty- seven Items of Stocks valued at Rs.362,884 purchased without identifying the requirements had not been used for over one year.
- (b) Chemicals valued at Rs.324,220 issued to the Institute by the University of Peradeniya had been issued directly to the laboratory without including into the Stock Books of the Institute.

4.4 Underutilization of Funds

A sum of Rs.948,305 or an amount of 95 per cent of the sum of Rs.1,000,000 allocated for purchasing books and periodicals under the acquisition of assets in the year under review had not been utilized.



4.5 Identified Losses

A sum of Rs.421,231 had been overpaid as the contribution of the Institute for the academic staff due to calculating by relating to the academic allowances in calculating the contribution of the Employee Provident Fund, the contribution of the Employees Trust Fund and gratuity contrary to Section 47 of Chapter V of the Employee Provident Fund Act, No.15 of 1958.

4.6 Personnel Administration

It had been an encumbrance to execute the academic and institutional activities of the Institute in an optimum level due to 11 vacancies including a permanent Professor, two Visiting Professors, a Senior Lecturer and a Research Assistant relating to 09 posts of the academic staff of the Institute and also 07 posts of the non- academic staff remaining vacant.

1. Sr. Lectr.
 2. Res. Assst.
 2. Mgt.
 1. Lab.

5. Accountability and Good Governance

5.1 Presentation of Financial Statements

The Certificate on Management's Responsibility on the Presentation of Financial Statements had not been included in the financial statements in terms of Section 3 of the Public Enterprises Circular No.PED/45 of 02 October 2007.

5.2 Corporate Plan

Even though a copy of the updated Corporate Plan which had obtained the approval of the Board of Management in terms of Section 5.1.3 of the Public Enterprises Circular No.PED/12 of 02 June 2003 should be furnished to the Auditor General; Treasury, Line Ministry and to the Department of Public Enterprises at least 15 days before the commencement of every year, action had not been taken accordingly.

*



5.3 Internal Audit

The reports that should be furnished on target dates by every Internal Audit Unit for their Institution in terms of the Management Audit Circular No.DMA/2009(1) of 09 June 2009 had not been furnished to the Audit Committee.

5.4 Audit Committees

Even though Audit and Management Committee Meetings should be held at least once for every 03 months in terms of the Management Audit Circular No.DMA/2009(1) of 09 June 2009, the Institute had conducted only 03 Audit and Management Committee Meetings in the year under review.

5.5 Budgetary Control

As variances ranging from 23 per cent to 103 per cent between the budgeted income and expenditure and the actual income and expenditure of 23 items were observed , thus indicating that the budget had not been made use of as an effective instrument of financial control.

6. Systems and Controls

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

Areas of Systems and Controls

Observations

- | | |
|---|---|
| (a)Accounting | - Not following Sri Lanka Public Sector Accounting Standards. |
| (b) Utilization of Funds | - Not completely utilizing provisioned funds. |
| (c)Control of Stocks and Inventory-Goods. | - Not establishing and maintaining sufficient methods of control. |



(d) Financial Management

- (i) Anomalously nullifying the fixed deposits remained in the Institute and crediting money to private accounts due to not establishing sufficient methods of internal control.
- (ii) Not obtaining the approval of the Board of Control in each instances in investing money belonging to the Institute in fixed deposits and in refunding fixed deposits money.
- (iii) Not reporting the financial position of the Institute to the Board of Management.
- (iv) Investing funds contrary to laws and rules.

Sgd./ H.M. GAMINI WIJESINGHE
Auditor General

H.M Gamini Wijesinghe
Auditor General

Report of the Auditor General on the Financial Statement of the Post Graduate Institute of Science for the year ended 31 December 2016 in terms of Sub Section 108 (1) of the University Act No.16 of 1978

2.2.1 Accounting Standards

With regard to the capital grants, at this point, adjustments have correctly been rectified in accordance with accounting standards of 20 (in the finance reports of 2017).

2.2.2 Deficiencies in Accounting

(a), (b), (c) and (d)

The lapses pointed out by the auditors, occurred due to the statement of cash flow being prepared on the basis of the account balances which were fraudulently altered by Mr. W.M.M.S.M. Iddawala, Senior Assistant Bursar/PGIS. A complete audit, effect to this matter, has been done by the Auditor General's Department (Special Investigation and Applied Auditing) and the final report has not yet been received.

However, at this point, Senior Assistant Bursar, Mr. W.M.M.S.M. Iddawala has been taken into the remand prison. Under the notes, this matter has been shown in the draft audit report prepared for the year 2017. The action will be taken in the future to rectify the corrections in the statement of cash flow, after adjusting the accounts, as recognized the correct balances according to the government accounting policies.

(e.) As pointed out by the auditors, those balances have now been rectified and was adjusted the accounts accordingly as certified by the bank.

2.2.3 No evidence for Auditing

(a.) the stock books and inventory lists in which lacking has been pointed out by the auditors, now got them to be updated correctly.

(b.) As pointed out by auditors, the documents with regard to the course in GIS have now been updated which had no evidence earlier whether the course was conducted or not.

(d.) Regarding the money including the interests of Rs.74, 663,525.00 lost due to the cancellation of Fixed Deposits and fraudulent act done by the SAB, a full investigation is now in progress and the adjustments will be rectified in the statement of accounts after receiving the final report.

2.3 Not compliance with rules and regulations and management decisions

a. (i) the fixed deposits certificates are now under the custody of the Deputy Registrar of the Institute. It is now compulsory to take the duly approval of the Board of the Management to cash fixed deposits. A register of Fixed Deposits and a file containing all the details of each and

every FD are now maintained. The clerk who is in - charge the subject has been assigned the preparation of any document relevant to the subject.

- (ii) The ceiling of advances granted is now lying Rs.100,000.00 and efforts will be taken to get them repaid quickly. Further, efforts will be taken to identify the required amount correctly.
- (iii) The inventory survey has now been completed for the year 2016.
- b. Regarding the matter pointed out by you, the actions will be taken in the future, after consulting the UGC
- c. The money in excess will be deposited in Fixed Deposits only after getting the approval of the Board of Management and the Treasury.

4. Review of Operations

- (a) The grading of Universities depends on various factors. Though our institution is in a greater position in view of postgraduate studies and academic affairs, the factors regarding the rating such as accommodation facilities for students, getting foreign academics etc. have not been met with us. Therefore such a situation has arisen.

- (b) The courses will be started as planned in the future.

4.2 Management Performances

The experimental fee given by the NSF and the balances of research projects of different institutions will be paid back after receiving their final reports from respective institutions. The balances of the project funds, those have been completed will be paid after discussing the matters with respective grantees of institutions.

4.3 Operational Activities

- (a) Purchasing will be processed after deciding the requirement, quantity and the duration of the same in the future.
- (b) After entering the new stocks in the inventory, issues will be taken place in the future.

4.4 Under Utilization of Funds

The allocated funds will be fully utilized in the future.

4.5 Loses Identified

In terms of the Circular No.1000 of the University Grants Commission, the academic allowance, University Provident Fund contribution and Employee's Trust Fund contribution will be calculated.

4.6 Administration of the Staff

The post of Senior Lecturer has been filled after having the approval of the necessary authorities. And also the post of Research Assistant and three posts of non-academic have also been filled. The applications are ready to call for the other vacant posts depending on the requirements of the institution.

5. Nature of Accounting and Good Governance and Presenting Statements of Accounts

5.1 The certificate of management responsibilities of the financial reports for the year 2017 has been included.

5.2 The copies of the Corporate Plan will be sent to the University Grants Commission and the line Ministry. As you have pointed out, in the future, the copies of the same will be sent to the Auditor General, the Treasury and the Department of Public Enterprises,.

5.3 The reports of the Internal Audit are discussed at the Audit and Management Committee meeting. As mentioned in the audit report, the action will be taken to notify the Internal Audit regarding the reports to be submitted by them according to the Management Audit Circular of DMA/2009 (1).

5.4 The Director General of the Finance Ministry chairs the Audit and Management Committee. There were some occasions that the meetings were cancelled due to his difficulty to come from Colombo amidst of his busy schedules. In the future, action will be taken to hold a minimum of 04 committee meetings of the Audit and Management Committee for a year.

5.5 More attention will be paid on budgeted data in the future.

6. Systems and Control

(a) Action has been taken to prepare the accounts according to the Sri Lanka public accounting standards.

(b) Take action to utilize fully the grants allocated.

© Action has been taken to maintain the inventory items and Stocks through an internal proper management system.

(d) iii. Take action to report regarding the financial position of the institute to the Board of Management.