



Postgraduate Institute of Science University of Peradeniya



**ANNUAL REPORT
2023**



ANNUAL REPORT
&
ACCOUNTS
OF
PGIS
2023

Vision

To be an internationally renowned centre of excellence for
Postgraduate Training, Innovative Research & Development in
Sciences

Mission

To contribute to the development of a globally recognized society
with social sensitivity, ethical rectitude and economic prosperity to
promote innovative research and outreach activities in an
intellectually stimulating and a conducive academic environment

INSTITUTIONAL GOALS AND OBJECTIVES

Institutional Goals & Objectives	
Goals	Objectives
Goal 1: Ensure quality and relevance of postgraduate programmes complying with national and international standards	Our goals are to (i) become the most anticipated postgraduate institute, by attracting and enrolling top-performing local and international students who possess a strong inclination towards pursuing postgraduate studies (ii) Cultivate the necessary competencies in students, which can serve as a bridge between employer expectations and the skills acquired through postgraduate education. This will be achieved through outcome-based education (iii) Enhance our postgraduate study programmes by revising to meet both national and international quality standards and (iv) to enhance the employability opportunities of postgraduate students.
Goal 2: Enhance opportunities for education by ensuring postgraduate and continuing education programmes being more flexible, accessible, innovative and open	We plan to (i) implement strategies to promote potential candidates, thereby increasing the demand for and enrollment of local and international students in our postgraduate programmes (ii) expand the reach and improve the quality of our distance education programmes through an online platform, and to consistently provide in-demand educational and training programs and services that meet both national and regional needs, as well as national and international standards.
Goal 3: Enhance capacity for innovative research, scholarly work and partnerships	Our aims are (i) to create a favourable environment for high-quality research and innovation by fostering national and international collaboration in research, student training, and staff exchange programmes and (ii) encourage and incentivize the undertaking of multidisciplinary research.
Goal 4: Strengthen efficiency and effectiveness in Financial and Administration with in	Our aims are (i) to enhance the efficiency and effectiveness of our current administrative and financial management systems

sustainability in Financial Management	(ii) establish comprehensive monitoring, evaluation, and reporting systems that are pertinent to administrative and financial matters. This involves developing effective systems for tracking and assessing the performance of our administrative and financial operations, identifying areas for improvement, and reporting on progress towards achieving our objectives (iii) restructure our administrative systems, where necessary, to improve productivity and foster a culture of teamwork and service orientation. (iv) review and assess our current workforce, and request the necessary additions to ensure a sustainable and productive human resource plan and (v)enhancing the sustainable financial stability of our organization, as well as promoting transparency and accountability in our financial operations. This will be achieved through the guidance of our Audit and Management Committee, as well as the Board of Management.
Goal 5: Upgrade learning, working and living environment conducive for high-quality academic pursuits, professional development and productivity	We aim to (i) promote active participation by students and staff of the PGIS in all aspects of university life, while also ensuring that they have access to upgraded welfare services and programs (ii)take further measures to strengthen our performance-based evaluation and reward system for teaching, research, and service activities of all staff (iii) embrace the concept of a green environment, while also preserving the historical and landscape features of our university. This involves implementing sustainable practices in our operations, such as reducing our carbon footprint, promoting the use of renewable energy, and practicing waste management. By doing so, we hope to create a healthy and environmentally-friendly Institute that will benefit both our students and the wider community and (iv) optimize both the digital and physical learning and working environments, to ensure that they are on par with global advances and challenges as well as equip our students and staff with the skills and knowledge required to thrive in the modern global

	landscape.
Goal 6: Enhance the capacity and range of outreach engagement	Our aims are to (i) improve our outreach engagements and expand our impact on local and global communities by developing and implementing outreach programs that are tailored to the needs of the communities and that address key social, economic, and environmental challenges (ii) to identify opportunities to share our resources and expertise with external stakeholders, including industry partners, community organizations, and government agencies. By working together, we can leverage our respective strengths to tackle complex challenges and achieve meaningful outcomes and (iii) align with national policy frameworks and actions, in order to promote social, economic, and environmental sustainability. This involves monitoring national policy developments, and identifying opportunities to contribute to policy implementation.

DIRECTOR'S REPORT



MESSAGE FROM THE DIRECTOR

The Postgraduate Institute of Science (PGIS) has successfully expanded over time to offer several M.Sc., M.Phil., and PhD programs in addition to postgraduate diploma and certificate courses under 11 Boards of Study, with the participation of a large number of postgraduate students from various Universities in Sri Lanka and abroad. The main objective of the Postgraduate Institute of Science is to promote and advance scientific research, provide postgraduate instruction, training, and research in various scientific specialties, and enhance the graduate academic experience.

Being situated on the University of Peradeniya premises, it provides the ideal environment for academic pursuits, particularly in interdisciplinary disciplines. Academic staff members with postgraduate degrees from some of the best universities of the world are available to provide services to PGIS. The members of the teaching panels are selected from other universities and institutes as well as from nine faculties at the University of Peradeniya. The excellent research facilities available at the Faculty of Science and other Faculties of the University of Peradeniya and Research Institutions in the country are used to provide research training to students in order to develop the research culture of the country. PGIS conducts in-service training programmes, short courses, outreach programmes and workshops. The Institute also offers consultancy services to local industry and public and private sector institutions. The PGIS indeed plays a unique and leading role among the other Institutes of Sri Lanka. The Institute continues to help the advancement of science and society by concentrating on solutions to both domestic and global problems. The long-term objective of the PGIS is to establish itself as a premier centre for science and technology in South Asia. The high caliber of postgraduate degree programs has drawn a large number of postgraduate students over the years from both domestically and abroad. A large number of postgraduates are providing their expertise to national development while being associated with both the private and public sectors.

Major accomplishments in year 2023:

- Launched the International Journal of Environmental Issues (IJEI)
- Successfully launched a master programme catering specifically to Chinese students, fostering global academic collaboration
- Established a Unit of Excellence in Biodiversity Research, aimed at advancing research initiatives and contributing to the field
- Acquired state-of-the-art instruments to establish advanced laboratories, enhancing research capabilities
- Received a clear Audit Opinion for the year 2022
- Awarded eleven new PGIS Research Grants and ten extension grants funded through generated funds
- Participated at the Institutional Review – 2023 held on 11.05.2023

The PGIS is currently Sri Lanka's leading postgraduate degree-awarding Institute. Over the past 26 years, the PGIS has awarded over 4979 postgraduate degrees (PhD, M.Phil., M.Sc., and Diploma) in various scientific disciplines, and over 18,500 professionals have attended workshops, conferences, short-term training courses, and other programmes. Several national and international conferences and workshops were conducted in 2023 on the virtual platform and in hybrid mode . PGIS attracted many students from abroad and was able to prepare curricula for several masters and M.Sc. programmes.

Activities for the strategic plan for the next 3 years have been carried out in accordance with the mission and vision of PGIS. We are working to enhance postgraduate education by strengthening connections and relationships with other relevant Sri Lankan institutions and increasing the global opportunities accessible to our students. Additionally, we desire for our students to gain from the active learning processes of applying, reflecting, sharing, and observing both inside and outside the classroom. The following are the broad objectives for the next three years : (i) create a strong and sustainable learning environment; (ii) engage in internationally recognized and impactful research activities; (iii) have active research groups collaborating with other institutes; (iv) achieve diversity goals for both staff and students; (v) stay in touch with alumni to encourage future collaborations; (vi) foster stronger partnerships with industry and other key stakeholder groups; (vii) develop demanding future postgraduate programmes; (viii) increase student intake and (vii) promote a respectful and broad workforce. Initial steps for introducing a sophisticated Management Information System (MIS) have been implemented for efficient administration and smooth functioning of academic programmes and other related activities in the recent past.

Prof. H. M. T.G.A. Pitawala
Director/PGIS

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1. BRIEF INTRODUCTION



The Postgraduate Institute of Science (PGIS) is a National Institute attached to the University of Peradeniya, Sri Lanka. It was established in 1996 by an ordinance from the Ministry of Higher Education and enables university graduates to gain knowledge and competence in the science disciplines of their choice through postgraduate studies. Currently, about 2000 students are enrolled at the PGIS. The principal objective of the Postgraduate Institute of Science is to promote and provide postgraduate instruction, training, and research in various scientific specialties, thus enhancing the graduate academic experience.

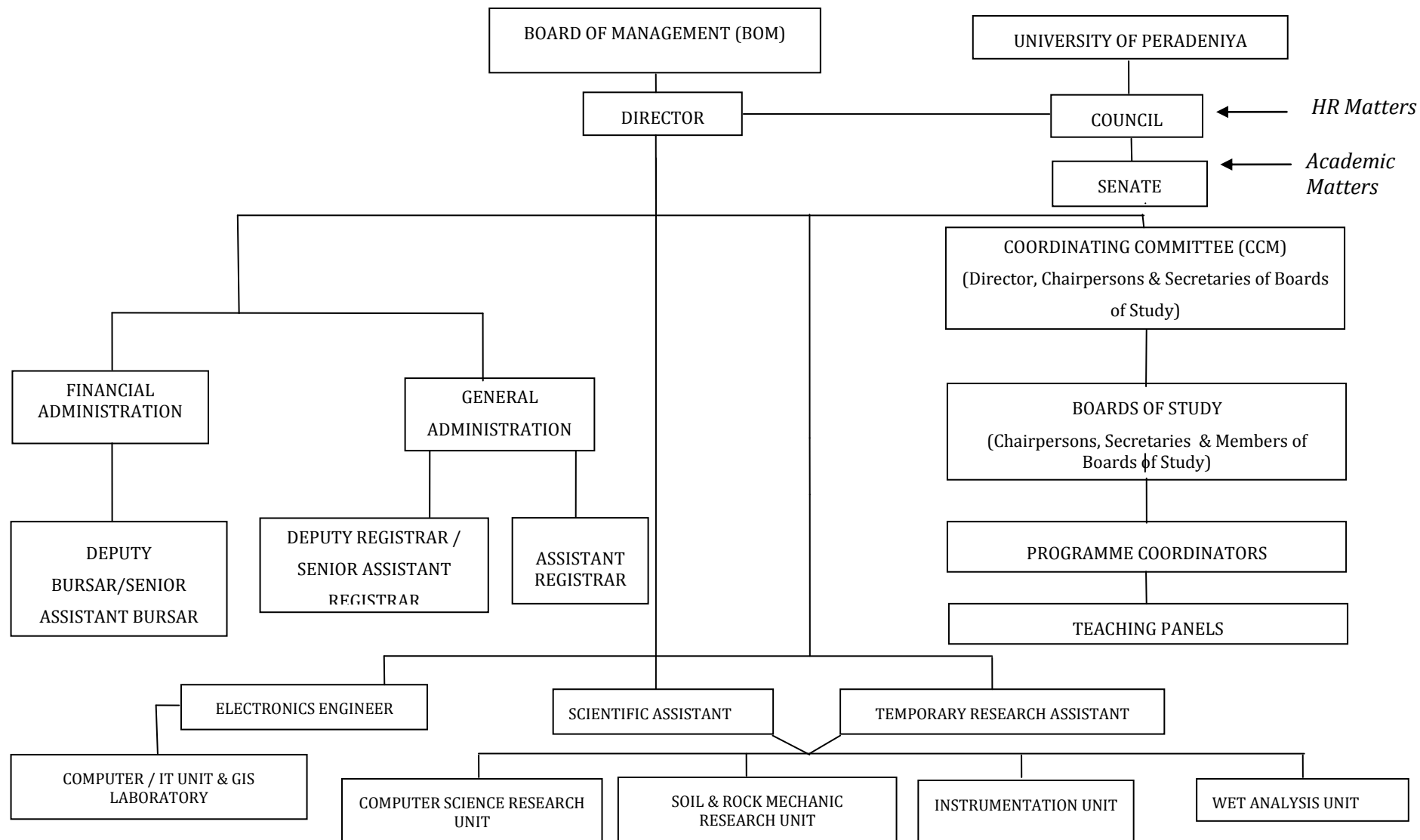
To fulfill the demand in the public and private sectors of the country and other nations, the PGIS offers Masters, M.Sc., M.Phil., and Ph.D. degree programmes in addition to postgraduate diploma and certificate courses. The M.Sc., M.Phil. and Ph.D. programmes require the completion of a research project, while the other programmes require the completion of coursework. Provisions are available to conduct research work at either in the University System or at a relevant research institution in Sri Lanka. Under sandwich programs, there are options for conducting research both nationally and abroad at a relevant institution. On a number of research projects, the PGIS collaborates with the Faculty of Science, the University of Peradeniya, and other national institutions. Local and international graduates from various science disciplines constitute the student population. In addition, structured and tailor-made training programmes, such as short courses and workshops, are also conducted frequently. The PGIS offers a variety of popular short-term programs in accordance with the demand and requirements of the nation, and they are conducted through 11 Boards of Study, covering all science disciplines.

The institute also offers consultancy services to local industry and public/private sector institutions. The annual PGIS Research Congress and other research conferences

and symposia are organized by the Institute with the academic collaboration of participants from abroad and locally.

In collaboration with other top universities around the world, the PGIS seeks to become a premier platform for education and research that advances human knowledge. It also provides training programs for scientists and other professionals with high levels of responsibility and specialization. For the past 26 years, PGIS has focused on and continuously pursued internationalization due to the capacity of well-trained staff to provide effective services to its stakeholders. The goal of our Institute is to be one of the most well-known postgraduate Institutes in Asia.

2. ORGANIZATIONAL STRUCTURE



3. BOARD OF MANAGEMENT

3.1 Ex-Officio Members

1. Prof. HMTGA Pitawala, Director, Postgraduate Institute of Science
2. Mr. GMRD Aponsu, Director (Planning), Ministry of Higher Education, 18, Ward Place, Colombo 7
3. Mr. DMBG Diyagama, Deputy Director, Department of National Planning, Ministry of Finance, Colombo
4. Dr. SRSN Sudasinghe, Director General, National Science Foundation, 47/5 Maitland Place, Colombo 07
5. Dr. SW Gamage, Chairman/Chamber of Commerce and Industry of Central Province, No.5, Mulgampala Road, Kandy
6. Prof. RGSC Rajapakse, Dean/Faculty of Science, University of Peradeniya
7. Prof. U Sonnadara, Dean, Faculty of Science, University of Colombo
8. Dr. P Samaraweera, Chairman/BoS in Biochemistry & Molecular Biology, Department of Molecular Biology & Biotechnology
9. Prof. MMAN Navaratne, BoM Nominee, Chairperson/BoS in Biomedical Sciences, Department of Chemistry
10. Prof. MYU Ganeheage, Chairperson/BoS in Chemical Sciences, Department of Chemistry
11. Prof. NWB Balasooriya, Chairperson/BoS in Earth Sciences, Department of Geology
12. Prof. SK Yatigammana, BoM Nominee, Chairperson/BoS in Environmental Science, Department of Zoology
13. Dr. THKR De Silva, Chairperson/BoS in Mathematics, Department of Mathematics
14. Prof. LRAK Bandara, Chairman/BoS in Physics, Department of Physics
15. Prof. SCK Rubasinghe, Chairperson/BoS in Plant Sciences, Department of Botany
16. Prof. WAPP de Silva, Chairperson/BoS in Science Education, Department of Botany
17. Prof. YPRD Yapa, Chairman/BoS in Statistics & Computer Science, Dept of Statistics and Computer Science
18. Dr. TC Weeraratne, Chairperson/BoS in Zoological Sciences, Department of Zoology

3.2. UGC Nominees

19. Prof. OA Illeperuma, Professor Emeritus, University of Peradeniya
20. Prof. LR Jayasekara, Professor Emeritus, University of Kelaniya

4. COORDINATING COMMITTEE

Members of the Coordinating Committee of the PGIS

- Prof. HMTGA Pitawala, Director/PGIS
- Prof. RGSC Rajapakse, Dean, Faculty of Science
- Senior Assistant Librarian, Science Library
- Chairpersons, Secretaries and Programme Coordinators of the M.Sc Programmes (as per the table below)
- Heads of the Departments, Faculty of Science (By Invitation – as per the table below)

No.	Board of Study	Chairperson	Secretary	M.Sc. Programme	Programme Coordinators
1	Board of Study in Biotechnology and Molecular Biology	Dr. P Samaraweera	Dr. MPCS Dhanapala	Clinical	Dr. WIT Fernando
				Biochemistry	Dr. H Amaratunga
				Molecular Biology & Biotechnology	Dr. MPCS Dhanapala
2	Board of Study in Biomedical Sciences	Dr. WRP Wijesinghe	Dr. PK Perera	Biomedical Sciences	Dr. WRP Wijesinghe
3	Board of Study in Chemical Sciences	Prof. MYU Ganehenage	Dr. JMS Jayasinghe	Analytical Chemistry	Dr. JATC Ariyaratne
				Industrial Chemistry	Dr. TP Gamagedara
				Industrial Chemistry	Dr. MB Wijesinghe
				Nanoscience & Nanotechnology	Dr. C Gunathilaka
				Nanoscience & Nanotechnology	Prof. RMG Rajapakse
4	Board of Study in Earth Sciences	Prof. NWB Balasooriya	Dr. PL Dharmapriya	Disaster Management	Dr. B Athurupana
				GIS and Remote Sensing	Dr. Jagath Gunatilake
				Gemmology & Industrial Minerals	Prof. SW Nawaratne
				Engineering	Dr. PL Dharmapriya
				Geology &	Dr. Jagath Gunatilake
					Dr. U Amarasinghe

				Water Resources Management	Prof. MP Perera
5	Board of Study in Environmental Science	Prof. HMD Namal Priyantha	Ms. CS Munasinghe	Environmental Science	Prof. GVAR Fernando
				Biodiversity Ecotourism & Environmental Management	Dr. GAN Suranjith
					Ms. CS Munasinghe
6	Board of Study in Mathematics	Dr. THKR De Silva	Dr. AMCUM Athapaththu	Industrial Mathematics	Dr. PGRS Ranasinghe
				Financial Mathematics	Dr. UD Wijesooriya
7	Board of Study in Physics	Prof. LRAK Bandara	Dr. T Ranawak	Physics of Materials	Prof. TMWJ Bandara
				Medical Physics	Dr. TRCK Wijayarathna
8	Board of Study Plant Sciences	Prof. SCK Rubasinghe	Dr. ADSNP Athukorala	Medical Microbiology	Prof. V Thevanesam
				Pharmaceutical Botany	Dr. ADSNP Athukorala
					Prof. GAD Perera
					After 2020 Batch
					Dr. C Ariyaratne
					Dr. BS Nanayakkara
				Biodiversity Conservation Management	Prof. AMTA Gunaratne
					Prof. KMGG Jayasuriya
				Postharvest Technology of Fruits & Vegetables	Prof. WAM Daundasekara
9	Board of Study Science Education	Prof. WAPP de Silva		Overall Programme Coordinators	Prof. WD Chandrasena
				Science Education (Biology Education)	Prof. SY Ekanayake
				Science Education (Chemistry Education)	Dr. ADSNP Athukorala
				Science Education (Mathematics Education)	Prof. CV Hettiarachchi
					Dr. AK Amarasinghe
					Dr. GWRMR
					Palamakumbura

				Science Education (Physics Education)	Dr. TP Ranawaka
				Diploma in Science Education	Dr. ARGAM Abeykoon Menike
10	Board of Study in Statistics & Computer Science	Prof. YPRD Yapa	Dr. SP Abeyesundara	Applied Statistics	Prof. YPRD Yapa
				Computer Science	Dr. SCJ Senaratne Dr. RD Nawarathne Prof. AAI Perera
				Data Science & Artificial Intelligence	Dr. HTK Abeyesundara Dr. H Usoof
				Information Technology	Dr. UAJ Pinidiyaarchchi Dr. DMMB Dehideniya
11	Board of Study in Zoological Sciences	Dr. TC Weeraratne	Dr. NMT Anupama	Applied Epidemiology	Dr. S Kumburegarma Dr. C Mendis
				Fish & Wildlife Management	Dr. LG Lokugalappaththi Dr. R Vandercone
12	By Invitation - Heads of the Department, Faculty of Science				
	Department		Name of the Head		
	Environmental & Industrial Sciences		Dr. C Wijesundara		
	Mathematics		Dr. WNP Rodrigo		
	Physics		Dr. V Sivakumar		
	Zoology		Prof. SH Boyagoda		

5. ACHIEVEMENTS

5.1 Awards and Research Publications

One hundred sixty eight (168) Research publications have resulted from the work carried out by academics/scientists affiliated to PGIS, which were published in international journals , e-journals and local journals. In addition, many abstracts have been published based on the presentations made by the scientists at conferences. Several scientists have won awards for outstanding research, including National Science Foundation awards and National Research Council awards.

The initial arrangements to issue International Journal of Environmental Issues (IJEI) had commenced and the launching ceremony had held in January 2023. The arrangements had made to continue 22 PGIS research grants and to provide financial assistance for 2 URC research grants.

5.1.1 Institutional Review 2023

A review panel consisted with Prof.Nazeera Salim, Prof. D. Achini M De Silva and Prof.Sisira Ediriweera visited PGIS as part of the institutional review of the University of Peradeniya on 11th May 2023.

The review panel conducted several meetings with chairpersons of committees, programme coordinators, staff responsible for student support and welfare, memebrs of teaching panels, admin and non academic staff, representatives of alumni associations and other external stake holders and representatives of student followed by a visit to laboratories and facilities during the review. The University of Peradeniya received A grade at the Institutional Review 2023.



5.2 Publications in refereed journals by PGIS affiliated members

No.	Title of the paper	Name of the author	Name of the journal
1.	Assessing the effectiveness of sample and RNA extract pool testing for the detection of SARS-CoV-2 RNA by real time RT-PCR	M.I.H. Sulthan, S.R.M. Shihab, B.N. Iqbal , A.P. Pitawela , F. Noordeen	<i>Sri Lankan Journal of Infectious Diseases</i>
2.	Dynamic behavior of fluid flow through a downscaled model of Bissokotuwa of the ancient reservoirs in Sri Lanka	D.C. Maddumage, B.M.K. Pemasiri	<i>Ceylon Journal of Science</i>
3.	rbcL nucleotide sequence-based phylogenetic analysis of <i>Nepenthes distillatoria</i> L.	H.P.K.U. Jayathilake, Kana Yamada, J.M.C.B. Jayasinghe and Sanath Rajapakse	Journal of Science-FAS-SEUSL (2023) 04(01) 21-26 ISSN:2738-2184
4.	Development of a multiplex real-time PCR assay for the simultaneous detection of <i>Leptospira</i> spp. and dengue viruses	C.D Gamage , A.K.U.I. Karunadasa , R Vijeyakumaran, N.S. Rathnayake , N. Koizumi , R. Muthugala , F. Noordeen	Sri Lankan Society for Microbiology 12th Annual conference and scientific sessions 2023
5.	Medium-vacuum thermal evaporation of CdS:O thin films towards industrial CdS/CdTe solar cells: Temperature and O2% optimization	A.A.I. Lakmal, K.M.N.S. Bandara , V.A. Seneviratne , B.S. Dassanayake	<i>Optik - International Journal for Light and Electron Optics</i>
6.	Low-Cost Perovskite Solar Cell Fabricated using the Expanded Graphite Back Contact and Electronically Conducting Activated Carbon as the Hole Transporting Material	B.C. Karunarathne, S.P. Dunuweera, A.T. Medagedara, D. Velauthapillai, R. Punniamoorthy, A.G. Perera, L. A. DeSilva, K. Tennakone, R.M. G. Rajapakse and G.R. A. Kumara	<i>ACS Omega</i>

7.	Modeling and semi-analytical solution for immiscible and miscible fingers formation during enhanced oil recovery	C.W. Sahabandu, Z.A.M.S. Juman, Z.A.M.S. Juman, B. Spangler, M. Dewasurendra	<i>International Journal of Modelling and Simulation</i>
8.	Breeding site selection and co-existing patterns of tropical mosquitoes	W.G.D. Chathuranga, T. C. Weeraratne, S. P. Abeysundara, S. H. P. P. Karunaratne, W. A. Priyanka P. de Silva	<i>Medical and Veterinary Entomology</i>
9.	Chloroplast genome, nuclear ITS regions, mitogenome regions, and Skmer analysis resolved the genetic relationship among <i>Cinnamomum</i> species in Sri Lanka	Pradeepa C. G. Bandaranayake , Nathasha Naranpanawa , C. H. W. M. R. Bhagya Chandrasekara, Hiruna Samarakoon, S. Lokuge, S. Jayasundara, Asitha U. Bandaranayake, D. K. N. G. Pushpakumara, D. Siril A. Wijesundara	<i>Plos one</i>
10.	Molecular and phenotypic characterization of <i>Colletotrichum plurivorum</i> and <i>Colletotrichum musae</i> causing banana anthracnose disease in the Central Province of Sri Lanka	WMS Kurera, NKB Adikaram, DMD Yakandawala , SS Maharachchikumbura , L Jayasinghe and K Samarakoon	<i>JOURNAL OF THE NATIONAL SCIENCE FOUNDATION OF SRI LANKA</i>
11.	<i>Plurivorum</i> and <i>Colletotrichum musae</i> causing banana anthracnose disease in the Central Province of Sri Lanka.	Kurera, W. M. S.; Adikaram, N. K. B.; Yakandawala, D. M. D.; Maharachchikumbura, S. S.; Jayasinghe, L.; Samarakoon, K	<i>Journal of the National Science Foundation of Sri Lanka</i>
12.	Population dynamics and social organization of sambar (<i>Rusa unicolor unicolor</i>) in Horton Plains National Park, Sri Lanka	Danushka S. Weerasekera, Sandun J. Perera, William J. McShea, K.B. Ranawana	<i>Biotropica</i>

13.	Molecular phylogeny and systematics of the South Asian freshwater-fish genus <i>Puntius</i> (Teleostei: Cyprinidae)	Hiranya Sudasinghe, Lukas Rüber, M. Meegaskumbura	<i>Zoologica Scripta</i>
14.	Aniline-Doped MOF-199 in MOF-Sensitized Solar Cells	Y.T. Poornima Pieris, Harith Ranathunga, Prof. Champika V. Hettiarachchi Perera, Dr. Ishanie R.	<i>ChemistrySelect</i>
15.	A Review on the Improvisation of Fill Factor in CdS/CdTe Solar Cells	A.A.I. Lakmal, G.K.U.P. Gajanayake, V.A. Seneviratne, D.S.M. De Silva and B.S. Dassanayake	<i>Sri Lankan Journal of Applied Sciences</i>
16.	Community Survey on Anthropogenic Activities Affecting the Rawan-Oya Tributary of Mahaweli River in Kandy District, Sri Lanka	Gayani K. Kapukotuwa, Krishni C. Weerakoon, Charmalie L. Abayasekara, and R.S. Rajakaruna	<i>ACS Publications</i>
17.	Chemical bath deposited ZnO nanowires for gas sensing: Effect of deposition duration	Y. K. Abeykoon, A. A. I. Lakmal, M. A. H. M. Munasinghe, B. S. Dassanayake & N. Gunawardhana	<i>Journal of Materials Research</i>
18.	Application of clustering and ordination methods to determine the optimal plot size for vegetation sampling of a Sri Lankan dipterocarp forest	S.C.D. Wimalasena, P. Wijekoon, S.S. Fernando and I.A.U.N. Gunatilleke	<i>Wiener Studien</i>

19.	Development, Characterization, in vitro Antidiabetic Activity of Chitosan–tripolyphosphate Nanoparticles Encapsulating Gmelina arborea Roxb. and Spondias pinnata (L.f) Kurz Aqueous Extracts	Ransika R. Wadasinghe, Dr. Pabasara Kalansuriya, Prof. Anoja P. Attanayake	<i>ChemistrySelect</i>
20.	The loach genus Lepidocephalichthys (Teleostei: Cobitidae) in Sri Lanka and peninsular India: multiple colonizations and unexpected species diversity	Hiranya Sudasinghe, Neelesh Dahanukar, Rajeev Raghavan, Tharindu Ranasinghe, Kumudu Wijesooriya, Rohan Pethiyagoda, Lukas Rüber & M.Meegaskumbura	<i>Hydrobiologia</i>
21.	Optimization of seed layer thickness for the growth of the one dimensional vertically oriented ZnO nanowires	Y. K. Abeykoon, A. A. I. Lakmal, M. A. H. M. Munasinghe, B. S. Dassanayake & N. Gunawardhana	<i>Journal of Materials Science: Materials in Electronics</i>
22.	Cu - Nitrogen doped graphene (Cu–N/Gr) nanocomposite as cathode catalyst in fuel cells – DFT study	Yashas Balasooriya , Pubudu Samarasekara , Chee Ming Lim, Yuan-Fong Chou Chau, Muhammad Raziq Rahimi Kooh, Roshan Thotagamuge	<i>Heliyon</i>
23.	Recharging Mechanisms and Seawater Intrusion in Karst Aquifers in Northwest Sri Lanka, Based on Hydrogeochemistry and Water Isotopes	U.G. Chaminda Bandara, Saranga Diyabalanage, Johannes A.C. Barth, and R. Chandrajith	<i>ACS Publications</i>
24.	Towards the establishment of national diagnostic reference levels for chest x-ray examinations in Sri Lanka: a multi-centric study	Sachith Welarathna, Sivakumar Velautham and Sivananthan Sarasanandarajah	<i>Journal of Radiological Protection</i>

25.	Density Functional Theory Investigation of Temperature-Dependent Properties of Cu-Nitrogen-Doped Graphene as a Cathode Material in Fuel Cell Applications	Yashas Balasooriya, Pubudu Samarasekara , Chee Ming Lim , Yuan-Fong Chou Chau , Muhammad Raziq Rahimi Kooh and Roshan Thotagamuge	<i>Molecules</i>
26.	BIOFERTILIZER USAGE FOR SUSTAINABLE AGRICULTURE – REVIEW OF CHALLENGES AND STRATEGIES	W.M.Rajitha.W. Weerakoon, H.M.T.G.A. Pitawala and L.D.B. Suriyagoda	Proceedings of International Conference on EcoHealth Nexus: Bridging Cascade Ecology and Human Well-Being ICEN 2023
	ENHANCEMENT OF PHOSPHOROUS REMOVAL FROM WASTEWATER USING MURUNKAN CLAY MIXED MEDIA	Mumthaj A.M.M., Dissanayaka D.M.S.H., Mowjood M.I.M.	<i>LARHYSS JOURNAL</i>
27.	INVESTIGATION OF THE BINARY CATION EFFECT AND THE IRRADIANCE LEVEL DEPENDENCE ON THE EFFICIENCY OF DYE-SENSITIZED SOLAR CELLS	H. M. N. Wickramasinghe, N. G. A Karunathilaka, D. M. T. Gnanarathne L. Ajith. DeSilva and T. M. W. J. Bandara	<i>SSRN</i>
28.	Effect of Storage Temperature on Storage Life and Sensory Attributes of Packaged Mustard Microgreens	Nayani N. Dayarathna ,Nalin S. Gama-Arachchige ,Jilushi W. Damunupola, Zhenlei Xiao ,Ashoka Gamage, Othmane Merah, and T.Madhujith	<i>Life</i>
29.	Dormancy, germination, and associated seed ecological traits of 25 Fabaceae species from northern India	K. M. G. G. Jayasuriya, S. S. Phartyal	<i>Plant Biology</i>

30.	Biogeography and evolutionary history of <i>Puntius</i> sensu lato (Teleostei: Cyprinidae) in Sri Lanka	Hiranya Sudasinghe, Tharindu Ranasinghe, Neelesh Dahanukar, Rajeev Raghavan, Lukas Rüber, Rohan Pethiyagoda & M. Meegaskumbura	<i>Nature – Scientific reports</i>
31.	Characterization of mitochondrial 12S rRNA gene of yellow-striped chevrotain (<i>Moschiola kathygre</i>) and white-spotted chevrotain (<i>Moschiola meminna</i>) and development of a PCR-RFLP marker for the unambiguous identification of the species	Tharanya Sugumar, Danushka S. Weerasekera, K.B. Ranawana, Nadeeka U. Jayawardana	<i>Animal Biotechnology</i>
32.	Drying of <i>Gymnema sylvestre</i> Using Far-Infrared Radiation: Antioxidant Activity and Optimization of Drying Conditions	Gunaratnam Abhiram, Abhiram Briyangari, Rasu Eeswaran	<i>AgriEngineering</i>
33.	Avifaunal Diversity and Abundance in the Proposed Sarasalai Mangrove Reserve, Jaffna, Sri Lanka	Nitharsan Aloysius, Shashi Madhushanka and Chathuri Chandrika	<i>Birds</i>
34.	Sustainable mining of natural vein graphite via acid -extraction from waste attached to rock pieces of vein banks	Asiri D.T. Medagedara, Poornima, Herath Mudiyanse T.G.A. Pitawala, Buddika Karunarathne, K. Kanishka H. De Silva, Masamichi Yoshimura , Kosala P. Walikannage , Thennakoon Mudiyanse W. J. Bandara, Rajapakse Mudiyanse G. Rajapakse & Gamaralalage R.A. Kumara	<i>Nature - Scientific Reports</i>

35.	<i>Unveiling Copy-Move Forgeries: Enhancing Detection With SuperPoint Keypoint Architecture</i>	A. Lakmal , K.M.N.S. Bandara , V.A. Seneviratne , B.S. Dassanayake	<i>optics</i>
36.	Highly efficient dye-sensitized solar cells with TiO ₂ -coated silver nanowire-incorporated tri-layered photoanode	H K H D Kankanamge, J M K W Kumari, M A K L Dissanayake, G K R Senadeera, B S Dassanayake & H C S Perera	<i>Bulletin of Materials Science</i>
37.	Synthesis of TiO ₂ -(B) Nanobelts for Acetone Sensing	Gayan W. C. Kumarage, Shasika A. Panamaldeniya, Dileepa C. Maddumage, Abderrahim Moumen, Valentin A. Maraloiu, Catalina G. Mihalcea, Raluca F. Negrea, Buddhika S. Dassanayake ,Nanda Gunawardhana, Dario Zappa, Vardan Galstyan and Elisabetta Comini	<i>Sensors</i>
38.	Polyaniline-conjugated graphite–montmorillonite composite electrode prepared by in situ electropolymerization for supercapacitor applications	Dananjali T. Rathnayake, Kohobhange S. P. Karunadasa, Apeksha S. K. Wijekoon, Chinthan H. Manoratne, R. M. G. Rajapakse & H.M. T. G. A. Pitawala	<i>Chemical Papers</i>
39.	Microtexture and grain size characteristics of lagoonal and riverine coastal deposits along the southeastern coast of Sri Lanka: implication for paleoenvironment	Chaturanga Sandaruwan, N. Madugalla, Madurya Adikaram, A. Pitawala & Tharanga Udagedara	<i>Arabian Journal of Geosciences</i>
40.	Development of an interactive solid waste information platform for the local authorities of Vavuniya, Sri Lanka	Sobana Kayanan, B. F. A. Basnayake & R. T. K. Ariyawansa	<i>Journal of Material Cycles and Waste Management</i>

41.	Anti-oxidative, anti-hyperglycemic and anti-obesity properties of selected edible leafy plants of Sri Lanka	Savani Ulpathakumbura, Nazrim Marikkar, Lalith Jayasinghe	<i>Food Chemistry Advances</i>
42.	Low-cost composite electrode consisting of graphite, colloidal graphite and montmorillonite with enhanced electrochemical performance for general electroanalytical techniques and device fabrication	Pannilage M. H. Madhushanka, Kohobhange S. P. Karunadasa, R. M. G. Rajapakse, Chinthan H. Manoratne & H. M. N. Bandara	<i>Chemical Papers</i>
43.	Stability and efficiency improvement of TiO ₂ -based dye-sensitized solar cells by surface modification of MgO	K. D. M. S. P. K. Kumarasinghe, R. M. G. Rajapakse, K. Tennakone & G. R. A. Kumara	<i>Journal of Solid State Electrochemistry</i>
44.	Standardization of <i>Pun podi</i> - a traditional Siddha medicine	Piratheepkumar Rajadurai, Nekadage Don Amal Wageesha, Sivakanesan Ramaiah, Sahayam Savariraj	<i>Journal of Research in Siddha Medicine</i>
45.	Efficiency enhancement and chrono-photoelectron generation in dye-sensitized solar cells based on spin-coated TiO ₂ nanoparticle multilayer photoanodes and a ternary iodide gel polymer electrolyte	T. M. W. J. Bandara, S. M. S. Gunathilake, G. B. M. M. M. Nishshanke, M. A. K. L. Dissanayake, N. B. Chaure, O. I. Olusola, B.-E. Mellander, M. Furlani & Ingvar Albinsson	<i>Journal of Materials Science: Materials in Electronics</i>

46.	Strobilanthes sripadensis, a new species of Acanthaceae from Sri Lanka	Rajapakse Mudiyanse Renuka Nilanthi, Bhathiya Gopallawa, Nuwan Jayawardana, Himesh Dilruwan Jayasinghe	<i>Phytotaxa</i>
47.	High-efficiency dye-sensitized solar cells fabricated with electrospun PVdF-HFP polymer nanofibre-based gel electrolytes	M A K L Dissanayake, M S H Hettiarachchi, G K R Senadeera, J M K W Kumari, K Umair, T M W J Bandara, I Albinsson, M Furlani, B-E Mellander, N B Chaure & O I Olusola	<i>Bulletin of Materials Science</i>
48.	Polymer-free gel electrolyte and its application in TiO ₂ -based electrochromic devices	H. M. B. I. Gunathilaka, V. A. Seneviratne & H. N. M. Sarangika	<i>Journal of Applied Electrochemistry</i>
49.	Mechanosynthesis of urea–hydroxybenzoic acid cocrystals as sustained-release nitrogen fertilizer	Trishna Rajbongshi, Shalika Parakatawella, Diptajyoti Gogoi, Poonam Deka, N.M. Adassooriya and Ranjit Thakuria	<i>RSC Sustainability</i>
50.	Effect of TiO ₂ nano fillers on ionic conductivity enhancement in Mg(BH ₄) ₂ :polyethylene oxide (PEO) polymer gel electrolyte	H. N. M. Sarangika, H. T. G. Shashintha, M. A. K. L. Dissanayake & G. K. R. Senadeera	<i>Journal of Solid State Electrochemistry</i>
51.	A multi-vendor multi-buyer integrated production-inventory model with synchronised unequal-sized batch delivery	Z.A.M.S. Juman, Rym M'Hallah, Ruchira Lokuhetti, Olga Battaia	<i>International Journal of Production Research</i>

52.	Tsunami-resilient building guidelines for Sri Lankan coastal belt: a critical review and consolidation based on significant institutional perceptions	Udari Gunarathna, Chaminda Senarathna Bandara, Ranjith Dissanayake, Harsha Munasinghe	<i>International Journal of Disaster Resilience in the Built Environment</i>
53.	THE RELATIONSHIP BETWEEN TOURISM AND FOREIGN DIRECT INVESTMENT INFLOW IN SRI LANKA: EVIDENCE FROM ARDL BOUNDS TESTING APPROACH	S. Mathusha	<i>Economic Research Conference of the Sri Lanka Forum of University Economists</i>
54.	Impact of social media usage on students' academic performance before and during the COVID-19 pandemic in Sri Lanka	M.M. Mohamed Mufassirin, M.I. Rifkhan Ahamed, M.S. Mohamed Hisam, M.M. Fazil	<i>Global Knowledge, Memory and Communication</i>
55.	Enhanced YOLOv4 for Facilitating Public Safety Management amidst Protests and Riots	K. Thiruthanigesan; Ruwan D. Nawarathna; R.G. Ragel	<i>International Conference on Industrial and Information Systems</i>
56.	A Systematic Approach for Object Detection in Unconstrained Environments	K. Thiruthanigesan; Ruwan D. Nawarathna; R.G. Ragel	<i>International Conference on Industrial and Information Systems</i>

57.	Investigation of electrodeposited CdTe thin films for solar cell development	Aparna Ukarande, Maruti V. Salve, Shweta Chaure, O. I. Olusola, T. M. W. J. Bandara, M. Furlani, B.-E. Mellander, M. A. K. L. Dissanayake, I. Albinsson & Nandu B. Chaure	<i>Journal of Materials Science: Materials in Electronics</i>
58.	Environmentally friendly adsorbent derived from rock melon skin for effective removal of toxic brilliant green dye: linear versus non-linear analyses	Romzi, A.A., Kooh, M.R.R., Lim, L.B.L., Priyantha, N. and Chan, C.M.	<i>International Journal of Environmental Analytical Chemistry</i>
59.	<i>Elaeocarpus mahamayensis</i> (Elaeocarpaceae), a new endemic species from the Knuckles Mountain Range in Sri Lanka	Silva, N., Yakandawala, D. And Yakandawala, K	<i>Phytotaxa</i>
60.	Checklist, typification details, and nomenclature status of Basidiomycota, originally described from Sri Lanka	Karunarathna, S.C., Priyashantha, A.H., Tibpromma, S., Galappaththi, M.C., Premarathne, B.M., Wijayawardene, N.N., Wimalasena, M.K., JAYALAL, R.U., Wickramanayake, K.D., Dangalla, H. and Jayathunga, W.H., R.S. Brahmanage, G. Weerakoon, K.G.S.U. Ariyawansa, N.Yapa, C.M. Nanayakkara, S. Ediriweera, Xin-Lei Fan, P.M. Kirk, Gui-Qing Zhang, A.Ediriweera, D. J. Bhat, TURKI M. Dawoud, K. L. W.Kumara, Chun Ying Deng, Dong-Qin Dai, D. S. Wijesundara, S. Madawala	<i>Phytotaxa</i>

61.	Colorimetric and Fluorometric detection of arsenic: arsenate and arsenite	M.Nawarathne, R.Weerasinghe, C. Dharmarathne	<i>Analytical Method in Environmental Chemistry</i>
62.	Gastrodia pushparaga (Orchidaceae, Epidendroideae, Gastrodieae), a new species from Sri Lanka	B.Gopallawa, A.Perera, I.Madola, D. Yakandawala, P.Kumar, H. Jayawickrama, M.W. Chase	<i>Phytotaxa</i>
63.	Pregnancy Outcomes during the COVID-19 Pandemic: A Study Based on a Tertiary Care Hospital in Sri Lanka	T. Ratnayake, D. D. D. Srimal Bandara and M.S.S. K. Bandara	<i>Journal of Infectious Diseases and Epidemiology</i>
64.	The Anti-Diabetic Potential Of Mushrooms: A Review	Elkhateeb, W., Galappaththi, M.C.A., El-Ghwas, D.E. and Daba, G.,	<i>Current Trends in Biotechnology and Pharmacy</i>
65.	THE ANCIENT TANK CONSTRUCTION TECHNOLOGY IN NORTH CENTRAL DRY ZONE OF SRI LANKA: A HYDRO-ECOLOGICAL ASSESSMENT	M.D.S.W. Goonathilake and M.P. Perera	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
66.	ADSORPTION OF LEAD (II) IONS ON MAGNETITE/MAGNESIUM OXIDE NANOCOMPOSITES	V. Gurunanthanan, M.I. Ishra, K.B.Wijayaratne, B.S. Dassanayake and H.C.S. Perera	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
67.	ASSESSMENT OF SOIL BACTERIAL DIVERSITY IN ORGANIC AND CONVENTIONAL AGROECOSYSTEMS VIA HIGH THROUGHPUT SEQUENCING	B.D. Tissera, M.K. Ramanayake, M.M.G.P.G. Mantilaka and H.M.L.I. Herath	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023

68.	URBAN BIRD DIVERSITY IN SELECTED LOCATIONS OF COLOMBO DISTRICT AND THE ATTITUDES OF RESIDENTS TOWARD BIRDS IN THEIR NEIGHBORHOOD	K.K.A. Perera and A.M.T.A. Gunaratne	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
69.	PREVALENCE OF ANTIBIOTIC RESISTANCE BACTERIA ALONG THE MAHAWELI RIVER SEGMENT BETWEEN KOTAGALA AND BALAGOLLA	F. Fareed, T. Suganya, P.T.A. Thilakarathna, R. Jinadasa1, T.N. Premachandra, S.K. Weragoda and S.H.P.P. Karunaratne	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
70.	GROSSULAR-GARNET BEARING CALC-SILICATE ROCKS FROM KAMBURUPITIYA, SOUTHERN HIGHLAND COMPLEX, SRI LANKA: IMPLICATIONS FOR PETROLOGICAL SIGNATURES	K.A.G. Sameera, G.W.A.R. Fernando and P.L. Dharmapriya	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
71.	INVESTIGATION OF RELEASE AND DETERIORATION OF CHRYSOTILE FIBRES IN CORRUGATED ASBESTOS-CEMENT ROOFING SHEETS	R.A.L. Sanjeewa and H.M.T.G.A. Pitawala	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
72.	AIR QUALITY TRENDS AND PATTERNS IN KANDY, SRI LANKA	S.M.D.M.C. Senarathna, R. Jayaratne, L. Morawska, K. Walikannage, R. Weerassoriya and G. Bowatte	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
73.	DOES SHELF LIFE AFFECT THE LEVEL OF MICROPLASTICS IN BOTTLED WATER	B.A.P.C. Premathilake, G.K. Kapukotuwa and R.S. Rajakaruna	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023

74.	FISH ASSEMBLAGE STRUCTURE AND ASSOCIATED ENVIRONMENTAL FACTORS OF RAWAN-OYA TRIBUTARY OF MAHAWELI RIVER	G.K. Kapukotuwa , C.L. Abayasekara , K.C. Weerakoon and R.S. Rajakaruna	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
75.	A COMPARISON OF BIRD DIVERSITY BETWEEN THE CORE AREA AND THE BUFFER ZONE OF BODHINAGALA FOREST RESERVE, SOUTHWESTERN SRI LANKA	W. N. Madusanka	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
76.	ASSESSING AGREEMENT BETWEEN TWO MEASUREMENT SYSTEMS USING REPLICATED SCALE MIXTURES OF SKEW-NORMAL MEASUREMENT ERROR MODELS WITH VARYING DEGREES OF FREEDOM	J. Duwarahan and L.S. Nawarathna	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
77.	A MEMETIC ALGORITHM FOR THE VEHICLE ROUTING PROBLEM WITH MOVING SHIPMENTS AT THE CROSS-DOCKING WAREHOUSE	S.R. Gnanapragasam and W.B. Daundasekera	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
78.	DECISION TREE ALGORITHMS TO DETERMINE GCE ORDINARY-LEVEL STUDENT PERFORMANCE FACTORS INFLUENCING ENGLISH AS A SUBJECT	H.A.K.B. Pinnawala	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
79.	COMPARISON OF THE PREDICTIVE PERFORMANCE OF LIU-BASED ESTIMATORS.	T. Kayathiri, M. Kayanan, and P. Wijekoon	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023

80	EXPLICIT FINITE DIFFERENCE METHOD FOR THE VALUATION OF AMERICAN PUT OPTION WITH DIVIDENDS USING LOGARITHMIC FRONT FIXING TRANSFORMATION	S. Kajanathan and P. Selvarajah	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
81.	MANUFACTURERS AND BUYERS INTEGRATED PRODUCTION INVENTORY MODEL WITH BETTER SYNCHRONISATION	M.S.M. Hisam, W.B. Daundasekera and W.N.P. Rodrigo	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
82.	CONVERGENCE OF THE FINITE DIFFERENCE METHOD FOR AN AGESTRUCTURED TWO-SEX POPULATION DYNAMICS MODEL OF THALASSEMIA TRANSMISSION	A.M.P Chandrasiri and T.H.K.R. De Silva	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
83.	TIME SERIES ANALYSIS FOR MODELING AND FORECASTING TEA EXPORTS IN SRI LANKA	T. Wickramasurendra and S.P. Abeyesundara	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
84.	A MATHEMATICAL MODEL FOR THE SPREAD OF COVID-19 IN SRI LANKA WITH THE ENVIRONMENTAL TRANSMISSION OF CORONAVIRUS	D.M.N.K. Dissanayaka and T.H.K.R. De Silva	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
85.	DISTRIBUTION OF THE CRITICALLY ENDANGERED AXIS PORCINUS (HOG DEER) (ZIMMERMANN, 1780) IN GALLE DISTRICT, SRI LANKA	B.H.S.M. Gunawardana, K.B. Ranawana and D. Weerasekara	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
86.	CUTICLE THICKNESS OF LARVAE OF PYRETHROID RESISTANT CULEX QUINQUEFASCIATUS MOSQUITOES IN	S.N. Palliyaguru, T.C. Weeraratne ¹ and W.A.P.P. de Silva ¹	Proceedings of the Postgraduate Institute of Science Research Congress,

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87.	EFFECT OF PHYSICOCHEMICAL PARAMETERS OF BREEDING WATER ON FITNESS OF DENGUE VECTOR MOSQUITOES	W.M.S.H. Wijesundara, B.V.D.S. Baddevithana, T.C. Weeraratne and W.A.P.P. de Silva	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
88.	PESTICIDAL ACTIVITY OF CRUDE SOLVENT EXTRACTS OF PODS AND LEAVES OF PSOPHOCARPUS TETRAGONOLOBUS (WINGED BEANS) AGAINST BLACK APHIDS	M.W.M.P. Nawarathne, W.A.P.P. De Silva and J.M.S. Jayasinghe	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
89.	ANAPLASMOSIS IN DOGS: A REVIEW ON SOUTH AND SOUTHEAST ASIAN COUNTRIES	V.N. Perera, R.S. Rajakaruna and A. Dangolla	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
90.	CHALLENGES IN CONTROLLING INSECT PESTS OF STORED GRAIN PRODUCTS IN SRI LANKA: INSIGHTS INTO INSECTICIDE METABOLIZING ENZYMES AND TARGET-SITE ALTERATIONS	G.N.P.V. Anuradha, W.R.G.W.N. Rajapaksha, W.A.P.P. de Silva and T.C. Weeraratne	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
91.	KNIME AND MACHINE LEARNING-BASED PREDICTION OF PDGFRA INHIBITORS FROM PHYTOCHEMICALS AS POTENTIAL CANCER DRUGS	B. Swetha, L.R.L.S. Kumari and W.R.P. Wijesinghe	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
92.	IDENTIFICATION OF POTENTIAL HER2 INHIBITORS FROM PHYTOCHEMICALS USING COMPUTER-AIDED DRUG DESIGN	A.A.H.E. Amarasinghe, L.R.L.S. Kumari and W.R.P. Wijesinghe	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023

93.	A COMPUTATIONAL APPROACH TO IDENTIFY BETA-LACTAM-LIKE COMPOUNDS FROM PHYTOCHEMICALS	K.A.M.A.G.D.M. Gunathilaka, S.P. Abeyesundara and W.R.P. Wijesinghe	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
94.	LIGAND-BASED VIRTUAL SCREENING OF POTENTIAL DRUG COMBINATIONS AGAINST AMINOGLYCOSIDE RESISTANCE IN BACTERIA	J.P.P.S. Rasangani and W.R.P. Wijesinghe	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
95.	EFFICACY OF THE INSECT GROWTH REGULATOR NOVALURON IN THE CONTROL OF DENGUE VECTOR MOSQUITOES	J.M.M.K. Herath , W.A.P.P. de Silva, T.C. Weeraratne and S.H.P.P. Karunaratne	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
96.	INTERROGATION OF SALTOL LOCI FROM FL 478 TO ELITE VARIETY BG 352: EARLY SCREENING DATA	B.I. Dasanayaka, D.M.H.R. Dissanayaka, D.S. De Z. Abeyesiriwardena and H.A.C.K. Ariyaratna	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
97.	GOOGLE STREET VIEW REVEALS NEW INSIGHT INTO THE DISTRIBUTION OF PANICUM MAXIMUM IN SRI LANKA	K.E.H.A. Dhanasekara, A.D.S.N.P. Athukorala and N.S. Gama-Arachchige	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
98.	MICROPLASTICS CONTAMINATION IN INDIAN BACKWATER OYSTERS (MAGALLANA BILINEATA) IN THE PANADURA ESTUARY, SRI LANKA	M.K.R.A.W.S.N. Nawarathna, M.I.G. Rathnasuriya, G. K. Kapukotuwa and R.S. Rajakaruna	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
99.	MORPHOMETRIC ANALYSIS OF GENUS PIPER (PIPERACEAE), SRI LANKA	B. Gopallawa, D.M.D. Yakandawala, A. Wickramasuriya and R. Samuel	Proceedings of the Postgraduate Institute of Science Research Congress,

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100.	MORPHOLOGICAL CHANGES IN EGGS AND LARVAE OF AEDES AEGYPTI ADAPTING TO SALINITY	S. Kokila, S.N. Surendran and S.H.P.P. Karunaratne	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
101.	ASSESSMENT OF CYTOTOXICITY OF SELECTED EDIBLE LEAFY PLANTS OF SRI LANKA	B.S.K. Ulpathakumbura, J.M.N. Marikkar and U.L.B. Jayasinghe	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
102.	COMPARISON OF X-RAY ATTENUATION IN THE ENERGY RANGE OF 50-80 keV IN ALUMINIUM AND ZIRCON MINERAL ENCASED IN EPOXY MATRIX	A.D.K.M. Weerasekara, V. Sivakumar, C.P. Jayalath, A. Jayasinghe, T.M.W.J. Bandara, K. Wijayarathne, D.M.T. Gnanarathne and D.K.K. Nanayakkara	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
103.	LOW-COST COUNTER ELECTRODE PREPARED USING ACTIVATED CARBON DERIVED FROM RICE HUSK FOR DYE- SENSITIZED SOLAR CELLS	M.I.U. Weerasinghe, P.M.L. Kumarage, I.G.K.D. Amarathunga, T.W.M.J. Bandara and G.R.A. Kumara	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
104.	EVALUATION OF THE POTENTIAL OF CANARIUM ZEYLANICUM SEED OIL FOR BIODIESEL PRODUCTION	P.A.W. Keshiya and M.Y.U. Ganehenegge	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
105.	PREPARATION AND CHARACTERIZATION OF COCONUT SHELL ACTIVATED CARBON BLACK FOR ELECTROPHOTOGRAPHY TONER APPLICATION	V.G.C. Samanmali, G.D.M.H. Wijewardhana, M.M.M.G.P.G. Mantilaka, T.B.N.S.Madugalla and W.P.S.L. Wijesinhe	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
106.	THE ENHANCEMENT OF	K.G.D.T.B. Kahawaththe, L.K.	Proceedings of the

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107.	ANTIDIABETIC AND ANTIOBESITY POTENTIAL OF OLEANOLIC ACID DERIVATIVES	T.M.T.D. Thennakoon, J.M.J. Jayasundara and J.M.S. Jayasinghe	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
108.	ANTIOXIDANT ACTIVITY COMPARISON OF COMMON DIFFERENT CURRY LEAVES VARIETIES IN SRI LANKA	B.A.S.U. Wanigasekara, D.M.D.B. Dasanayake , V. Karunaratne and S. Jayasinghe	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
109.	EFFECT OF QUATERNARY CATIONS ON THE EFFICIENCY OF QUASI-SOLIDSTATE DYE-SENSITIZED SOLAR CELLS	H.M.N. Wickramasinghe, K.M.S.P. Bandara, L.R.K.A. Bandara, W.M.K.B.N. Wijayaratne and T.M.W.J. Bandara	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
110.	ADSORPTIVE REMOVAL OF RHODAMINE B DYE FROM MAGNETIC MnFe ₂ O ₄ -MONTMORILLONITE NANOCOMPOSITE	K.P. Hewage and J.A.T.C. Ariyasena	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
111.	OPTIMIZATION OF THE SOLUTE DESCRIPTORS FOR CITRONELLAL BY GAS CHROMATOGRAPHY AND LIQUID-LIQUID PARTITION SYSTEMS	K.P. Hewage and J.A.T.C. Ariyasena	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
112.	ENHANCED SEMICONDUCTING PROPERTIES IN Co-MOF-74 UPON ENCAPSULATION OF ANILINE DERIVATIVES AS GUEST MOLECULES	P.D.T.S.N. Jayasundara, C.V. Hettiarachchi and H.A.I.R. Perera	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023

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113.	SOFT TEMPLATE-LESS ASSEMBLY OF A SHEATH OF NANOSTRUCTURED POLYANILINE ON LIGNOCELLULOSIC COIR FIBER: AN APPROACH TO A POROUS COMPOSITE SYNTHESIS BY IN-SITU POLYMERISATION	N.M.T.I. Nawarathna and W.S.S. Gunathilake	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
114.	THICKNESS EFFECT ON THE PHYSICOCHEMICAL PROPERTIES OF ELECTRODEPOSITED ZnTe LAYERS	O.I. Olusola, N.E. Adesiji1, O.O. Olusola, A.A. Faremi, S.S. Oluyamo, T.M.W.J. Bandara, N.B. Chaure, M. Furlani, B.E. Mellander, M.A.K.L. Dissanayake and I. Albinsson	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
115.	SYNTHESIS OF ACTIVATED CARBON AND TITANIUM DIOXIDE-BASED COMPOSITE FROM COCONUT SHELL FOR OPTIMIZED AND COSTEFFECTIVE SUPERCAPACITORS	L.M.D.K. Bandara, A.M.B.S. Alahakoon and T.M.W.J. Bandara	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
116	EFFECTIVENESS OF INTEGRATING STEM EDUCATION INTO SCIENCE TEACHING AND LEARNING PROCESS	M.G.K. Alahakoon and T.M.S.S.K. Yatigammana	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
117.	THE IMPACT OF SCHOOL RESOURCES ON THE PERFORMANCE OF STUDENTS' G.C.E. O/L (ORDINARY LEVEL) MATHEMATICS RESULTS	S. Meera and I.G.K. Udagedera	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
118.	IMPROVING SCHOOL ATTENDANCE OF A GRADE EIGHT STUDENT EMPOWERING COMPETENCE, AUTONOMY SUPPORT AND RELATEDNESS THROUGH SCIENCE ACTIVITIES: AN ACTION RESEARCH	N.W.L. Narangoda and W.D. Chandrasena	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023

119.	THE EFFECT OF INTRINSIC MOTIVATION ON SCIENCE ASPIRATIONS IN GRADE ELEVEN STUDENTS IN DEHIOWITA EDUCATION ZONE	N.W.L. Narangoda and W.D. Chandrasena	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
120.	ENHANCEMENT OF STUDENT ACHIEVEMENT IN SCIENCE OF A 1AB SCHOOL IN DEHIOWITA EDUCATION ZONE: AN ACTION RESEARCH	N.W.L. Narangoda and W.D. Chandrasena	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
121.	KNOWLEDGE, ATTITUDES, PRACTICES AND PARTICIPATION IN ENVIRONMENTAL CONSERVATION ACTIVITIES OF GRADE 11 STUDENTS IN FOUR SELECTED SCHOOLS IN MATALE DISTRICT, SRI LANKA	W.M.K.G. Wijerathna and A.M. T.A. Gunaratne	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
122.	THE EFFECTIVENESS OF ONLINE TEACHING AND LEARNING COMPARED TO IN-PERSON INSTRUCTIONS ON SCIENCE FOR JUNIOR SECONDARY STUDENTS: A CASE STUDY AT A CHOSEN SCHOOL IN THE KURUNEGALA EDUCATION ZONE	M.H. Shifana and M.Y.U. Ganehenege	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023
123.	EVALUATION OF TRADITIONAL AND SKILL-ORIENTED TEACHING AND ASSESSMENT IN ENHANCING GENERIC SKILLS OF STUDENTS IN CHEMISTRY COMPONENTS IN GRADE SEVEN SCIENCE: A CASE STUDY IN CENTRAL PROVINCE, SRI LANKA	K. Balasritharan , A. C. A. Jayasundera and W. D. Chandrasena	Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka: 3rd- 4thNovember 2023

124.	TUNING THE PARAMETERS AND SELECTING THE OPERATORS FOR THE GENETIC ALGORITHM TO SOLVE THE VEHICLE ROUTING PROBLEM	S.R. Gnanapragasam and W.B. Daundasekera	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
125.	STUDY OF NITROGEN DIOXIDE ANNUAL AVERAGE CONCENTRATION IN COLOMBO USING INVERSE DISTANCE WEIGHTED AND LOCAL RADIAL BASIS FUNCTION METHODS	W.H.D.T. Karunarathna K.M.N. Dissanayake and M.T.M. Dewasurendra	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
126.	MATHEMATICAL MODELLING FOR FINGERO-IMBIBITION DURING CARBONATED WATER FLOODING WITH MAGNETIC FIELD EFFECT	C.W. Sahabandu and M.T.M. Dewasurendra	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
127.	MDDIM SOLUTIONS IN SOLVING NONLINEAR FUZZY HEAT-LIKE EQUATIONS	C.W. Sahabandu and M.T.M. Dewasurendra	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
128.	A TWO-SEX AGE-STRUCTURED POPULATION DYNAMICS MODEL FOR THALASSEMIA TRANSMISSION	A.M.P Chandrasiri and T.H.K.R. De Silva	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
129.	ARTIFICIAL BEE COLONY ALGORITHM TO SOLVE LINEAR FRACTIONAL TRANSPORTATION PROBLEM WITH VARYING DEMAND AND SUPPLY	R. Gunarathne and W.N.P. Rodrigo	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023

130.	ODD HARMONIOUS LABELLING OF LADDER GRAPHS	K.M.P.G.S.C. Kapuhennayake , M.M.C Dilshan and A.A.I Perera	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
131.	A MANUFACTURES AND BUYERS INTEGRATED PRODUCTION INVENTORY SUPPLY CHAIN MODEL WITH UNEQUAL SIZE OF BATCH TRANSFER	M.S.M. Hisam, W.B. Daundasekera and W.N.P. Rodrigo	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
132.	MODELING THE TEA PRICES AT THE SRI LANKA TEA AUCTION: A TIME SERIES APPROACH	P. Selvarajah	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
133.	IMPROVING THE PRODUCTION EFFICIENCY IN APPAREL INDUSTRY THROUGH STATISTICAL PROCESS CONTROL: A CASE STUDY	S.T.R.D. Thalwaththe and W.B. Daundasekara	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
134.	FINITE DIFFERENCE METHOD TO SOLVE ONE-DIMENSIONAL SHALLOW WATER EQUATIONS	M.M. Zathiha and M.T.M. Dewasurendra	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
135.	INCIDENCE COLOURING OF STAR GRAPHS	M.M.C Dilshan and A.A.I Perera	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023

136	THE USE OF GEOGEBRA IN TEACHING AND LEARNING CONCEPTS IN GEOMETRY	L.V.P.K. Jayawardana	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
137.	EFFECT OF STUDENT ENGAGEMENT AND TEACHERS' EMOTIONAL SUPPORT: A COMPARATIVE STUDY IN PRIMARY AND JUNIOR SECONDARY LEVEL SCHOOLS IN KINNIYA EDUCATION ZONE, EASTERN PROVINCE OF SRI LANKA	S.M. Hassan, M.T.M Dewasurendra and K.M.N.M. Chathuranga	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
138.	PEDAGOGY OF MATHEMATICS EDUCATION: A COMPARATIVE STUDY OF EDUCATION SYSTEMS IN SRI LANKA AND FINLAND	M.N.M. Siyath, K.M.N.M. Chathuranga and M.T.M. Dewasurendra	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
139.	ACTION RESEARCH TO DEVELOP STUDENTS' ABILITY TO USE BASIC MATHEMATICAL SKILLS IN PROBLEM-SOLVING	P. Rathnayake	Proceedings of the International Conference on Mathematics and Mathematics Education: 14th and 15th July 2023
140.	Use of Response Surface Methodology – Statistical Approach for the Optimization of Simultaneous Removal of Hardness and Fluoride in Groundwater by Electrodialysis	J.U. Halpegama, K.Y. Heenkenda , Z. Wu, T. Binghui , K.G.N. Nanayakkara and A.C. Herath	International Journal of Environmental Issues, 2023, Vol. 01, No. 01
	Eco-friendly Farming vs. Conventional Farming: An Approach for Environmental Remediation in Paddy Cultivation	W.A.P.P. Rathnayake and A.N. Navaratne	International Journal of Environmental Issues, 2023, Vol. 01, No. 01
141.	PHOTOSYNTHETIC BIOMASS CURVES IN THE EARLY GROWTH STAGES OF SELECTED DOMINANT PLANT SPECIES IN	W.S.S.L. Aberathna and M.K.M. Fernando	Proceedings of International Conference on EcoHealth Nexus: Bridging Cascade Ecology and

	IRRIGATION CANAL SYSTEMS OF SRI LANKA		Human Well-Being ICEN 2023
142.	NANOCOMPOSITES FOR SUSTAINABLE COBALT (II) ION REMOVAL: SOL-GEL SYNTHESIS AND EXCEPTIONAL PERFORMANCE	V. Gurunanthanan, K.B. Wijayaratne, B.S. Dassanayake, and H.C.S.Perera	Proceedings of International Conference on EcoHealth Nexus: Bridging Cascade Ecology and Human Well-Being ICEN 2023
143.	CULTURAL TRADITIONS AND THEIR IMPACTS ON TANK IRRIGATION ACTIVITIES: A CASE STUDY OF THE NORTH CENTRAL PROVINCE, SRI LANKA	R.M.A.U.P. Ranathunga and M.P. Perera	Proceedings of International Conference on EcoHealth Nexus: Bridging Cascade Ecology and Human Well-Being ICEN 2023
144.	DEFLUORIDATION OF DRINKING WATER USING HEXADECYLTRIMETHYLAMMONIUM IONS (HDTMA+) AND L-LYSINE MODIFIED ZEOLITE-NANOCOMPOSITE	K.C. Jayangani and K.G.C. Senarathna	Proceedings of International Conference on EcoHealth Nexus: Bridging Cascade Ecology and Human Well-Being ICEN 2023
145.	BIOFERTILIZER USAGE FOR SUSTAINABLE AGRICULTURE – REVIEW OF CHALLENGES AND STRATEGIES	W.M.R.W. Weerkoon, H.M.T.G.A. Pitawala and L.D.B. Suriyagoda	Proceedings of International Conference on EcoHealth Nexus: Bridging Cascade Ecology and Human Well-Being ICEN 2023
146.	Exploring the Yield Response of Paddy (Oryza sativa L.) under Varying Levels of Soil Nitrogen, Phosphorus and Potassium	TN Kulasinghe, UWA Vitharana, RS Dharmakeerthi, DN Sirisena, WMUK Rathnayake	Tropical Agricultural Research
147.	Application of rainwater harvesting on the rooftops of residential buildings to reduce urban floods	G.C.M.K.Munasinghe	

148.	Quality of the sample-based RNA determines the real-time RT-PCR results in the laboratory diagnosis of COVID-19	Sibra RM Shihab, Bushran N Iqbal, Shiyamalee Arunasalam and Faseeha Noordeen	Diagnostic Microbiology and infectious disease
149.	A CTAB protocol for obtaining high-quality total RNA from cinnamon (<i>Cinnamomum zeylanicum</i> Blume)	Nishadi M. N. Liyanage, Bhagya C. H. W. M. Chandrasekara, and Pradeepa C. G. Bandaranayake	3 Biotech
150.	A Descriptive Study on Prevalence of Respiratory Viruses in Patients with Respiratory Symptoms during SARS-CoV-2 Pandemic in North Central Province, Sri Lanka	I.U.I.B.M. Sathgurupathi, K.P. Wanniarachchi, V.C. Liyanapathirana, S. Sumathipala	THE BULLETIN OF THE SRI LANKA COLLEGE OF MICROBIOLOGISTS
151.	Thesis: Synthesis of curcumin nanoparticles from raw turmeric rhizome and comparison of its physicochemical and antibacterial properties with natural bulk curcumin	Sandhuli Sanishya Hettiarachchi R.M.G. Rajapakse Sanath Rajapakse Shashipraba Dunuweera Asiri Nisansala Dunuweera Yohanka Perera	ASC Omega
152.	Comparative Analysis of Serum Biochemical Properties among Cattle in CKDu High Prevalence Areas in Anuradhapura District of Sri Lanka	I.A.M.P. Ileperuma, H.M.S.Wasana , G.D.R.K.Perera , H.T.K. Abeyesundara , Y. Wei 3	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023
153.	Photocatalytic Activity of Sol-gel Synthesized Fe ₃ O ₄ /MgO Nanocomposites for Methylene Blue Dye Degradation	V. Gurunanthanan, K.B. Wijayaratne, B.S. Dassanayake, and H.C.S. Perera	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023
154.	The Effect of pH and Initial Concentration on the Degradation Kinetics of Glyphosate in Biotic and Abiotic waters	D.A.T.W.K. Dissanayake, S. Malavipathirana, P. Ranasinghe, M.N.A. Mubarak, A.N. Navaratne5	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023

146.	Higher Filter Performance of Burned Coconut Shells Filter Media	D. Chanaka, M. Wijesinghe, S.K Weragoda, N. Priyantha	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023
147.	Investigation of the Role of Oxygen in Close-Spaced Sublimated CdS Layer for Enhancing the Efficiency of CdS/CdTe Thin Film Solar Cells	K.M.N.S. Bandara , A.A.I. Lakmal , V.A. Seneviratne, M.A.K.L. Dissanayake and B.S. Dassanayake	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023
148.	Synergistic Synthesis and Multifunctional Applications of Fe ₃ O ₄ /Graphene Oxide Nanohybrids	I. Iqbal , M.M.M.G.P.G. Manthilaka , R.G.S.C. Rajapakse, H.C.S. Perera	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023
149.	Impact of Bath Temperature on Optical and Morphological Properties of Chemical Bath Deposited CuO thin films	R.W.M.K Heenatikumbura , A.A.I. Lakmal and B.S. Dassanayake	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023
150.	Effect of Incorporation of Graphene to the Electrolyte on the Performance of Quasi-Solid-State Dye-Sensitized Solar Cells	K.M.S.P. Bandara, S.M.S. Gunathilake , T.M.W.J.Bandara , L.R.A.K. Bandara , W.M.K.B.N. Wijayaratne	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023
151.	Determination of the Solute Descriptors for Eugenol Acetate by Gas Chromatography and Liquid-Liquid Partition Systems	K.P. Hewage , J.A.T.C. Ariyasena	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023

152.	A Genetic Algorithm to Solve the Integrated Vehicle Routing and Vehicle Sequencing Problem with a Single-Door Depot	S.R. Gnanapragasam, W.B. Daundasekera	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023
153.	Choice of the Inverse Linear Mapping in the Method of Directly Defining the Inverse Mapping for Inhomogeneous Heat and Advection Problems	C.W. Sahabandu, M. Dewasurendra	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023
154.	A Method of Optimal Homotopy Analysis for Solutions of Boundary Layer Convection Heat Transfer of High-Speed Flow Over a Flat Plate	B.S.K. De Silva, M.T.M. Dewasurendra	Proceedings of Peradeniya University International Research Sessions 2023, Sri Lanka, Vol. 24, 20th & 21st September 2023
155.	Sol-gel synthesized Fe ₃ O ₄ /MgO Nanocomposite: A magnetic sorbent for Cd(II) ions	V. Gurunanthanan, K.B. Wijayaratne, B.S. Dassanayake, H.C.S. Perera	7 th International Research Conference of Uva Wellassa University, IRCUWU2023
156.	Applied nucleation affects soil restoration of degraded grasslands in the Knuckles conservation forest, Sri Lanka	Gunasekara R.D.A. ,Gunaratne A.M.T.A. , Seneviratne G. , Gunatilleke I.A.U.N. and Gunatilleke C.V.S.	Proceedings of 10th Ruhuna International Science & Technology Conference (RISTCON)
157.	Synthesis and Characterization of Graphene Oxide UsingBoric and Phosphoric Acids as Protective Agents	Pramodika W.D.R., Koswaththa A.V.R.S., Balasooriya N.W.B. and Kumara G.A.R.	Proceedings of 10th Ruhuna International Science & Technology Conference (RISTCON)
158.	Development of 2D hexagonal nanoplates of α -Fe ₂ O ₃ /rGO composites via one step hydrothermal process	Karunathilaka W.M., Gallage .P.1 , Premadasa P.M. , Munasinghe M.A.H.M. , Gunawardhana N.	Proceedings of 10th Ruhuna International Science & Technology Conference (RISTCON)

159.	Comparison of greedy method and greedy estimate in generating initial solutions to closed small-scale capacitated vehicle routing problems	Gnanapragasam S.R.and Daundasekera W.B.	Proceedings of 10th Ruhuna International Science & Technology Conference (RISTCON)
160.	Sol-gel synthesized Fe ₃ O ₄ /MgO Nanocomposite: A magnetic sorbent for Cd(II) ions	V. Gurunanthanan, K.B. Wijyaratne, B.S. Dassanayake, H.C.S. Perera	7 th International Research Conference of Uva Wellassa University, IRCUWU2023
161	Magnetic energy of face-centered cubic structured ferromagnetic ultra-thin films with three spin layers as described by fourth-order perturbed Heisenberg Hamiltonian	M.S.M. Farhan , P. Samarasekara	7 th International Research Conference of Uva Wellassa University, IRCUWU2023
162.	Role of exogenous gibberellic acid in mitigating drought stress in immature tea plants (Camellia sinensis)	M.M.N. Damayanthi, T.L. Wijeratne, J.W. Damunupola	7 th International Research Conference of Uva Wellassa University, IRCUWU2023
163.	A Novel Approach for Rice Yield Estimation through Crop Surveying of Paddy Using UAV Multispectral Imaging	Weerasekare W.M.K.P.K, Senavirathne B.M.C.B , Weerasekare W.M.D.S, and Abenayake N.R	9 th International Conference of Sabaragamuwa University of Sri Lanka (ICSUSL, 2023)
164.	Efficient Removal of Hg(II) from Aqueous Solutions Using Fe ₃ O ₄ /MgO Adsorbent	Gurunanthanan V., Wijyaratne K.B., Dassanayake B.S., and Perera H.C.S.	9 th International Conference of Sabaragamuwa University of Sri Lanka (ICSUSL, 2023)
165.	Textural Analysis and Heavy Mineral Abundance of Swash Zone Sediments: A Case Study of Pulmoddai Beach Placer (East Coast) of Sri Lanka	Gunawardana A.V., Wickramasooriya A., Balasooriya N.W.B., and Sami M.	9 th International Conference of Sabaragamuwa University of Sri Lanka (ICSUSL, 2023)
167.	9 th International Conference of Sabaragamuwa University of Sri Lanka	B. Abiramy	IRCHSS 2023
168.	Simple cubic structured ferromagnetic thin films with two spin layers explained by fourth order perturbed Heisenberg Hamiltonian	M. S. M. Farhan and P. Samarasekara	International Conference on Applied and Pure Sciences, 2023 Faculty of Science, University of Kelaniya, Sri Lanka

5.2 Ph.D., M.Phil. and M.Sc. Degrees Awarded

5.2.1 Ph.D. DEGREES AWARDED

No.	Degree Awardees	Titles of Theses	Supervisors
1.	Mr. Gunarathna W A	COMPUTATIONAL TECHNIQUES FOR HIGHER ORDER APPROXIMATIONS OF FRACTIONAL DERIVATIVES WITH APPLICATIONS	Dr. H M Nasir Prof. W B Daundasekara
2.	Mr. Lees D J	WATER INGRESS IN ROCK TUNNELS, ITS CONTROL AND MITIGATION - CASE STUDY FROM UMA OYA, SRI LANKA	Dr. D J Gunathilaka Dr. HA Dharmagunawardhana
3.	Mr. Samarasinghe V G A U	INVASIVE ALIEN PLANTS FOR CONTROL OF PESTS IN AGRICULTURE: FUNGICIDAL AND INSECTICIDAL PROPERTIES OF SELECTED INVASIVE PLANTS AND MONTMORILLONITE COMPOSITES OF THEIR PESTICIDAL EXTRACTS	Prof. B M R Bandara Prof. N C Badara Prof. J W Damunupola Prof. D S A Wijesundara
4.	Mr. Tharshan R	MIXED POISSON DISTRIBUTIONS AND POISSON REGRESSION MODELS FOR OVER DISPERSED COUNT DATA	Prof. P Wijekoon
5.	Mr. Damayanthi M M N	PLANT HORMONAL REGULATION ON PHYSIOLOGICAL CHANGES IN TEA (<i>Camellia sinensis</i> L.) DURING DROUGHT STRESS	Dr. (Ms) T L Wijerathne Prof. J W Damunupola
6.	Ms. Weerasekara W M D S	ECOLOGY OF SAMBAR DEER (<i>Rusa unicolor unicolor</i>) IN HORTON PLAINS NATIONAL PARK, SRI LANKA	Prof. K B Ranawana Dr. Sandun J Perera
7.	Ms. Hathurusinghe H A B M	TRANSCRIPTOMICS, MICROSCOPY AND MOLECULAR INTERACTIONS: A MULTIFACETED EXPLORATION OF FLORAL AND BARK DEVELOPMENT OF CEYLON CINNAMON, <i>Cinnamomum verum</i> Blume (SRI LANKA)	Prof. P C G Banadaranayake Prof. D K N G Pushpakumara
8.	Mr. Sampath S N T I	COMBINED THERAPEUTIC DRUG LEADS FOR ANTIDIABETIC AND ANTIHYPERLIPIDAEMIC TREATMENTS FROM A SELECTED MEDICINAL PLANT MIXTURE	Dr. S Jayasinghe Prof. A P Attanayake Prof. V Karunaratne

9.	Ms. Bowange RWTMRTK	INVESTIGATION OF GENETIC DIVERSITY OF CYANOBACTERIA IN DIFFERENT WATER BODIES OF SRI LANKA WITH THEIR TAXONOMICAL IDENTIFICATION , NUTRIENT PROFILING AND TOXIN ANALYSIS	Prof. K L W Kumara Prof. D M D Yakadawala Prof. R Rathnayake Dr. S Abenayake
10.	Ms. Nilanthi R M R	AN INTERGRATIVE TAXONOMIC STUDY OF GENUS <i>Strobilanthes</i> IN SRI LANKA	Prof. P Bandaranayake Prof. D S A Wijesundara

5.2.2 M.Phil. DEGREES AWARDED

No.	Degree Awardees	Titles of Theses	Supervisors
1.	Ms. Sripal D D N	IMPACTS OF DIFFERENT BORDERING LAND USES ON REGENERATION AND INVASIBILITY OF ISOLATED LOWLAND RAINFOREST REMNANT IN THE KNUCKLES RANGE, SRI LANKA	Prof. C V Hettiarachchi Prof. H A I R Perera
2.	Ms. Gunawardhana C B	CHEMISTRY AND BIOACTIVITY OF <i>COSTUS SPECIOSUS</i> AND ASSOCIATED FUNGI: <i>PHOMA MULTIROSTRATA</i> AND <i>GUIGNARDIA MANGIFERAE</i>	Prof. Ruvini Liyanage Prof. Lalith Jayasinghe Prof. B C Jayawardane
3.	Mr. Wijewardana N T P	BEHAVIOURAL RESPONSES OF COCONUT MITE, <i>Aceria guerreronis</i> AND VARIATION OF BIOCHEMICAL PROPERTIES OF COCONUT FRUITS OF SELECTED COCONUT VARIETIES IN RESPONSE TO COCONUT MITE FOR DYE/Q-DOT SENSITIZED SOLAR CELLS	Prof. S S Iqbal Prof. Namal Priyantha Prof. M C M Iqbal
4.	Ms. Sobana K	DEVELOPMENT OF COMPREHENSIVE INTEGRATED SOLID WASTE MANAGEMENT PLAN (CISWMP) FOR VAVUNIYA DISTRICT	Prof. G R A Kumara Prof. R M Rajapakse
5.	Ms. Sewwandi S M V K	NUTRITIONAL AND BIOCHEMICAL PROPERTIES OF RAW AND PROCESSED <i>Artocarpus nobilis</i> SEEDS	Prof. D N Karunarathne Prof. D B M Wickramaratne
6.	Ms. Perera U M P K	DEVELOPMENT OF ENVIRONMENTAL BENIGN NANO FERTILIZER FOR NITROGEN MANAGEMENT	Prof. Nedra Karunanaratne Dr. K M G K Pamunuwa
7.	Ms. Oshadi H D C L	NOVEL BIOCHAR COMPOSITES FOR REDUCING FLUORIDE AND HARDNESS IN	Dr. M H Haroon

		DRINKING WATER FROM AREAS WITH CHRONIC KIDNEY DISEASE OF UNKNOWN ETIOLOGY	Prof. U L B Jayasinghe
8.	Ms. Kapukotuwa R W M G K	EFFECT OF NATURAL AND ANTHROPOGENIC ACTIVITIES ON BIOTIC AND ABIOTIC FACTORS OF RAWAN-OYA TRIBUTARY OF MAHAWELI RIVER IN KANDY DISTRICT, SRI LANKA	Prof. J M S Bandara Dr. A C A Jayasundara
9.	Ms. Hansima M A C K	FOULING MECHANISMS OF ELECTRODIALYSIS REVERSAL MEMBRANES DURING THE PURIFICATION OF GROUNDWATER WITH DISSOLVED ORGANIC CARBON AND CALCIUM IONS	Dr. R D Nawarathna
10.	Ms. Wickramasinghe H M N	PERFORMANCE ENHANCEMENT AND COST REDUCTION OF DYE - SENSITIZED SOLAR CELLS BY DEVELOPING NOVEL ELECTROLYTES AND CARBONACEOUS COUNTER ELECTRODE	Prof. H M T G A Pitawala Dr. A L T Hewawasam
11.	Ms. Farhana M A	SYNTHESIS AND CHARACTERIZATION OF Sb ₂ S ₃ AND FABRICATION OF EFFICIENT THIN FILM SOLAR CELLS	Dr. P N Ranasinghe Prof. R Mahanama Dr. Thilak Hewawasam
12.	Ms. Weerasekara W M L S	FEEDING, RANGING AND SEXUAL BEHAVIOUR OF FREE-RANGING <i>Macaca sinica</i> ssp. <i>aurifrons</i> (DUSKY TOQUE MACAQUE) INHABITING LOWER HANTHANA, SRI LANKA	Prof. R L R Chandrajith Prof. M A S P K Malaviarachchi
13.	Ms. Kanagaratnam J N	STRUCTURAL MODIFICATION OF SRI LANKAN GRAPHITE FOR THE RECHARGEABLE BATTERY APPLICATION	Prof. Pradeepa Bandaranayake Prof. D K N G Pushpakumara
14.	Ms. Bandara K M N T K	IMPACT OF TEACHER STUDENT INTERACTIONS ON SCIENCE LEARNING: A CASE STUDY IN BADULLA EDUCATIONAL ZONE	Prof. Renuka Ratnayake Prof. S K Gunathilake Dr. Senani Karunaratne
15.	Ms. Naranpanawa H M H D K	DEVELOPMENT OF BATTERY GRADE SRI LANKAN VEIN GRAPHITE THROUGH OPTIMIZATION OF PURIFICATION AND SURFACE MODIFICATION FOLLOWED BY SCALING UP OF THE PROCESSES	Prof. T Hewawasam Prof. Rohana Chandrajith Prof. Rohan Weerasooriya Dr. S K Wearagoda
16.	Ms. Srivishagan S	CLASSIFICATION AND ANALYSIS OF ALZHEIMER'S DISEASE USING DEEP LEARNING ON NEUROIMAGING DATA	Prof. P. B. Hewavithana Dr. U. J. M. A. L. JayasingheDr. B. S. Weerakoon

17.	Mr. Kulangana T	REMOVAL OF PHOSPHATE FROM CATTLE FARM EFFLUENT AND PRODUCE A SUSTAINABLE SOURCE OF PHOSPHATE FERTILIZERS	Prof. P. B. Hewavithana Dr. M. L. Jayatilake Dr. B. S. Weerakoon
	Ms. Hewapathirana N S	HATCHING SUCCESS, NEST TEMPERATURE, AND EMBRYONIC DEVELOPMENT OF HATCHERY RELOCATED EGGS OF GREEN (Chelonia mydas) AND OLIVE RIDLEY (Lepidochelys olivacea) TURTLES	Prof. A D L C Perera Prof T M S S K Yatigammana
19.	Ms. Panamaldeniya S A	NOVAL TiO ₂ /GRAPHENE AND Nb ₂ O ₅ /GRAPHENE COMPOSITE ANODES FOR LITHIUM - ION BATTERIES	Prof T M S S K Yatigammana Dr. ZANE MA RHEA
20.	Ms. Sewwandi A A M	MICROPLASTICS- BOUND TRANSPORT OF PHARMACEUTICALS, PERSONAL CARE PRODUCTS (PPCPs) AND TOXIC TRACE METALS IN WATER	Prof. S P Benjamin Prof. P Samaraweera
21.	Ms. Madamarandawala J M P S	GENETIC CHARACTERIZATION OF DRUG RESISTANT <i>Mycobacterium tuberculosis</i> ISOLATED FROM PULMONARY TUBERCULOSIS PATIENTS AND ASSOCIATED HOST BLOOD TRANSCRIPTOMICS	Prof. D Magana -Arachchi Prof. S Rajapakse Prof. D Medagedara

5.2.3 M.Sc. DEGREES AWARDED

No.	Degree Awardee	Title of Thesis	Supervisor(s)
Analytical Chemistry			
1.	Mr. Herath H M A S R	QUANTITATIVE ASSESMENT OF FLUORIDE IN TEA IN TEA BAGS OF CEYLON BRANDS	Prof. A D L C Perera
2.	Mr. Wathulanda H M C B	PHOTOCATALYTIC DEGRADATION OF SELECTED REACTIVE DYES USING COBALT TRIMESIC AND COBALT SUCCINIC COORDINATION POLYMERS	Prof. C V Hettiarachchi

3.	Mr. Vishwanath T A	ACETALDEHYDE AND ANTIMONY (sb) IN POLYETHYLENE TEREPHTHALATE (PET) BOTTLED WATER: QUALITATIVE AND QUANTITATIVE CHEMICAL ANALYSIS	Dr. A C A jayasundara
4.	Ms. Wijerathne H M S M	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR RAPID ESTIMATION OF CONTENT OF CHOLECALCIFEROL PRESENT IN INTERMEDIATE PRODUCT SAMPLE OF VITAMIN D3 CAPSULES	Dr. J A T C Ariyasena
5.	Ms. Galappaththi R H	DETERMINATION OF AFLATOXINS IN COMPLEX MATRICES; AN LC-MS/MS METHOD VALIDATION APPROACH TO BLACK TEA MATRIX	Prof. S Malavipathirana
Clinical Biochemistry			
6.	Ms. Weeraddana G H	COMPARISON OF PHYSICO-CHEMICAL PROPERTIES OF VIRGIN COCONUT OIL EXTRACTED BY DIFFERENT METHODS	Prof. A Wanigasekara
Nanoscience & Nanotechnology			
7.	Ms. Kumari K D K P	SCREENING AND CHARACTERIZATION OF PROTEINACEOUS PROTEASE INHIBITORS PRESENT IN SEEDS OF <i>Mucuna pruriens</i> AND <i>Canavalia ensiformis</i>	Prof. R G S C Rajapakse Prof. S T Suresh
8.	Ms. Ramzil H F R	SYNTHESIS OF POROUS SILICA MICROPARTICLES FOR THE ENCAPSULATION AND CONTROLLED DELIVERY OF ENALAPRIL	Dr. M M M G P Gayanath Manthilaka
9.	Mr. Dilhan J A M	BIODEGRADABLE POLYMER-COATED UREA GRANULES AS A SLOW- RELEASE NITROGEN SOURCE	Dr. N M Addassooriya
10.	Ms. Varathaseelan S D	SYNTHESIS OF COLLOIDAL MAGNETITE NANOPARTICLES USING NATURALLY OCCURRING LATERITE	Dr. M M P G Manthilake
11.	Mr. Lanka G M M P	EFFECTS OF SURFACTANCE ON THE MORPHOLOGY OF HYDROXIAPATITE NANOPARTICLES	Prof. R M G Rajapakse
Experimental Biotechnology			
12.	Ms. Karunadasa A K U I	LEPTOSPIRAL 3-HYDROXYACYL-COA DEHYDROGENASE AS A POTENTIAL EARLY URINARY BIOMARKER OF LEPTOSPIROSIS IN SRI LANKAN SETTING	Prof. C D Gamage Prof. C Toma

13	Ms. Bandara W M I .	ISOLATION AND CHARACTERIZATION OF PHOSPHOROUS SOLUBILIZING MICRO-ORGANISMS ASSOCIATED WITH CROP LEGUMES	Prof. S A Kulasooriya Prof. R G S C Rajapakse
14	Ms. Karunarathna J A D D .	ISOLATION OF LYPOLYTIC BACTERIA FROM OIL CONTAMINATED SOIL AND CHARACTERIZATION OF LIPASES	P Samaraweera
Applied Statistics			
15	Ms. Herath H M K B .	METHOD COMPARISON OF SPIROMETRY INTERPRETATION IN SRI LANKA	Dr. H T K Abeyesundara
16	Ms. Ekanayake W E M D T .	A MODEL FOR PROTECTING CONFIRMED LEPTOSPIROSIS CASES IN SRI LANKA USING STATISTICAL MODELLING	Dr. L S Nawarathne
17	Ms. Malalagama M P N C .	SENTIMENTAL ANALYSIS AND CLASSIFICATION OF COMMENTS OF CONTRASTING YOUTUBE CHANNELS	Dr. L S Nawarathne
18	Ms. Wickramasinghe W M I S .	INTERGRATING SEX SPECIFIC RADIOMIC FEATURES FOR IMPROVED SURVIVAL PREDICATION IN GLIOBLASTOMA MULTIFORME: A MACHINE LEARNING APPROACH	Dr. S P Abeyesundara Dr. R VJitha
	Mr. Sampath J K H	FACTORS INFLUENCING KNOWLEDGE , PRACTICES, AND ATTITUDES (KPA) TOWARDS COVID-19 AMONG SRI LANKAN COMMUNITY COPARATIVE ANALYSIS OF CLASSIFICATION TECHNIQUES ON KPA	L S Nawarathne R S Rajakaruna
	Ms. Lenora K M	RECENT CHANGING CHARACTERISTICS OF WET AND DRY PATTERNS IN BADULLA, SRI LANKA	Dr. S P Abeyesundara
Computer Science			
19	Ms. Dissanayake K M S U M .	ARTIFICIAL NEURAL NETWORK MODEL FOR IDENTIFICATION OF TEA CLONES	Dr. B A D Samansiri
20	Ms. Santhrajeyam R .	AGE AND GENDER ESTIMATION FROM FACIAL IMAGES USING DEEP LEARNING	Prof. U A J Pinidiyaarachchi Dr. T Koku

Engineering Geology & Hydrogeology			
21.	Mr. Weligepola W K G V	A STUDY ON SUBSURFACE BEHAVIOR OF SALINE WATER IN TRINCOMALEE DELTA- AN ASSESMENT OF POTENTIAL IMPACT DUE TO SAND MINIG	Mr. N De Silva
22.	Mr. Pathirana L P H P	STRUCTURAL CONTROL ON GRAPHITE DISTRIBUTION OF KARASNAGALA MINING AREA	Prof. S Malaviarachchi
23.	Ms. Manoj J K D	DESIGNING OF GROUT CURTAIN A CASE STUDY ON LOWER UMAOYA DAM, CENTRAL AND UVA PROVINCES IN SRI LANKA	Dr. J Gunathilake
GIS & Remote sensing			
24.	Mr. Nusran M U M	FINDING A SUITABLE LOCATION FOR SEWAGE DISPOSAL SITE IN THE BADULLA MUNICIPAL COUNCIL AREA	Dr.Jagath Gunathilake
25.	Mr. Jayawardana H M S	ASSESING THE ATOTEMPORAL VARIABILITY OF SOIL, LANDUSE, CLIMATE, PEST, AND YIELD FOR PRECISION FARMING OF CASHEW IN WANATHAWILLUWA, SRI LANKA	Dr. Jagath Gunathilake Mr. .N M P Gunawardhana
26.	Ms. Abeysekara G D J M	GISMMBASED ANALYSIS OF SELECTING GEOGRAPICALLY SUITABLEAND ENVIRONMENTALLY SAFE SITES FOR RESIDENCE :CASE STUDY FROM KESBEWA ,SRI LANKA	Dr. Jagath Gunathilake Mr.Prabhath Gunathilake
27.	Ms. Chathurika A G J	DIVERSITY AND DISTRIBUTION OF MANGROVES IN REKAWA LAGOON ,SRI LANKA: GIS AND REMOTE SENSING APPROACH	Prof. A M T Gunarathne Dr. Jagath Gunathilake
28.	Ms. Jayathilaka H B T P	REMOTE SENSING BASED SURFACE WATER QUALITY ANALYSIS OF URBAN LAKE IN COLOMBO DISTRICT,SRI LANKA	Dr. Jagath Gunathilake Dr. V P I S Wijerathne

29.	Ms. Dayarathna B M A N	USE OF RADAR AND OPTICAL REMOTE SENSING FOR LANDSLIDE DETECTION: A CASE STUDY OF ARANAYAKE LANDSLIDE IN SRI LANKA	Dr. A K R N Ranasinghe Mr. S Sivantharajah
Water Resources Management			
30.	Mr. Herath U P B	MODIFICATION OF NORMALIZED DIFFERENCE WATER INDEX (NDWI) FOR ENHANCED DETECTION OF SRI LANKAN (TROPICAL) WATERBODIES (TANKS) IN MULTISPECTRAL M REMOTE SENSING IMAGERY	Prof. K D W Nandalal
31.	Mr. Sadaath M K J M	CASE STUDY OF SURFACE WATER QUALITY ANALYSIS VS ENVIRONMENTAL AND SOCIO- ECONOMIC IMPACT IN BADULU OYA , SRI LANKA	Dr. A C A Jayasundara Mr.J I P Perera
32.	Mr. Bandara K M S	IMPACT ON WATER RESOURCES DUE TO CONSTRUCTION OF SOUTHERN EXPRESSWAY EXTENSION FROM WETIYA TO ANDARAWEWA	Mr. S N R M C B Herath
Medical Microbiology			
33.	Ms. Kurukulasooriya R K	PREVALENCE OF SHIGA TOXIN HARBOURING <i>Escherichia coli</i> O157 IN DRINKING WATER SUPPLIERS OF NORTH WESTERN PROVINCE , SRI LANKA	Dr. S Pathirage Dr. C Gamage
34.	Ms. Nusra N F	ANTIMICROBIAL ACTIVITY OF FRESH WATER MICROALGAE <i>Chlorella sp.</i> AND <i>Chlorococcum sp.</i> LOVE CELLS AGAINST SELECTED BACTERIA	Dr. Jagath Gunathilake
35.	Ms. Jayasinghe S P S N	PREVALENCE OF <i>Yersinia</i> <i>enterocolitica</i> IN MEAT COLLECTED FROM WET MARKETS, SUPERMARKETS, VILLAGE RETAIL SHOPS AND SUNDAY MARKETS IN A SELECTED MOH AREA IN NORTH WESTERN PROVINCE OF SRI LANKA	Dr. S Pathirage Dr. C Gamage
36.	Ms. De Silva H C	PREVALENCE OF <i>Compylobacter</i> <i>sp.</i> IN RETAIL MEAT IN NATTANDIYA MOH AREA , SRI LANAKA	Dr.Sujatha pathirage Dr. Sarangi Athukorala
37.	Ms. Cooray N C M	PRESENCE OF SUB CLINICAL LEPTOSPIROSIS IN DAIRY HERD AND RELATIONSHIP FOR ABORTION	Dr. P S Fernando Prof. C Gamage

38.	Mr. Herath K H M S M	UNDERSTANDING THE IMMUNOLOGICAL RESPONSE IN CATTLE IN NORTH CENTRAL PROVINCE TO LACALLLY PRODUCED BRUCELLA ABORTUS S 19 VACCINE	Dr. P S Fernando DR. R Priyantha
39.	Ms. Rangika A E A	NSI PROFILES IN A SWAMPLE OF DENGUE SUSPECTED PATIENTS FROM A TERTINARY CARE HOSPITAL	Prof. Faseeha Noordeen
Pharmaceutical Botany			
40.	Mr. Fernando K P M W D A M A	GREEN SYNTHESIS OF SILVER NANOPARTICLE WITH PANCHAVALKALA AND ITS ANTIMICROBIAL ACTIVITY	Prof. J A M SJayatilake
41.	Ms. Gamage K G C P	CHARACTERIZATION OF PHYSICOCHEMICAL PROPERTIES, ANTIMICROBIAL ACTIVITY AND BRINE SHRIMP LETHALITY OF SILVER NANOPRACTICLES AND RAJARATA BHASMA	Dr. S K M K Harapathdeniya Dr. S S S De Jagoda Prof. B R Fernando
Biodiversity, Ecotourism & Environment Management			
42.	Ms. Amarathunga S N D	COMPARISON BETWEEN THE KURUNEGALA TEACHING HOSPITAL AND THE GALGAMUWA BASE HOSPITAL REGARDING THE MANAGEMENT PRACTICES OF CLINICAL WASTE	Dr. A C A Jayasundara W M C S Wijesundara
43.	Ms. Rajapakse A U K H	ROLE OF RESPONCIBLE TRAVEL IN REBUILDING TOURISM IN POST-PANDEMIC ERA IN SRI LANKA	Prof. S K yatigammana Dr. P B Dharmasena
44.	Ms. Dissanayake N W M S M	DENGUE VECTOR CONTROL PROGRAMS IN TRINCOMALEE DISTRICT FORCUSING ON AREAS WITH THE PROTENTIAL FOR PROMOTING ECOTOURISM	R S Rajakaruna W A Priyanka De Silva
45.	Mr. Nanayakkara P S S	ASSESMENT OF THE ECOLOGY AND HABITAT PREFERENCE OF THE PETHIA NIGROFASCIATA BASED ON WAK OYA STREAM OF SRI LANKA	Prof. P K P Perera

46.	Ms. Samarakoon S M H G N P M	POTENTIAL FOR PROMOTING AVITOURISM IN SELECTED HABITATS,MULLAITIVU DISTRICT,SRI LANKA	Dr. C S Wijesundara
47.	Ms. Thananthika M	IMPACT OF SALT STRESS ON BIOCHEMISTRY ,PHYSIOLOGY,MORPHOLOGY AND ANATOMY OF TOMATO (<i>Solanum lycopersicum</i> L),AND CHILLI (<i>Capsicum annuum</i> l.) PLANTS	Dr. Vengedaramana
48.	Ms. Arampola B M N	POST IMPACT S AND ECOTURISM POTENTIALS OF MORAGAHAKANDA RESERVOIR AND SURROUNDINGS	Prof. Udeni Edirisinghe
49.	Ms. Jayakody J P S	VOLUNTOURISM:INVOLVEMEN T AND ACTIVITIES OF INTERNATIONAL TOURISTS IN BIODIVERSITY CONSERVATION IN SRI LANKA FROM 2019 TO 2021	Prof. R Rajakaruna
50.	Ms. Dewaraj K E	ASSESSMENT OF PROTECTIONS FOR ECO TOURISM IN PALUGASWEWA TANK CASCADE SYSTEM	Prof. S K Yatigammana Dr. P B Dharmasena
51.	Ms. Weerasinghe M D A N	COMPOSITION OF NATIVE PLANT SPECIES IN URBAN PARKS IN COLOMBO	A M A S Attanayake
52.	Ms. Peiris M U H	COMPARISON OF ODONATA DIVERSITY IN TWO LOWLAND EVERGREEN RAINFOREST FRAGMENTS IN SRI LANKA	Prof. A M T A Gunaratne
53	Mr. Medawala U G M S	DEVELOPMENT OF BODY CONDITION SCORING INDICES FOR ASIA ELEPHANT (<i>Elephas maximus maximus</i>)IN PINNAWALA ELEPHANT ORPHANAGE, SRI LANKA	K B Ranawana
54	Mr. Gunawardana B H S M	ASSESSMENT OF DAMAGE COUSED BY HOG DEER AXIS PORCINUS (ZIMMERMANN,1780) TO CINNAMON PLANTATIONS IN GALLE DISTRICT, SOUTHWESTERN SRI LANKA	Prof . K B Ranawana

Medical Physics			
55.	Mr. Wanninayake W M N M B	RADIATION DOSE AUDITING FOR SELECTED X-RAY EXAMINATION : A CASE STUDY IN TWO HOSPITALS IN COLOMBO DISTRICT	Dr. V Sivakumar
Science Education			
56.	Ms. Somarathna W D	INVESTIGATION OF THE EFFECTIVENESS OF MULTI- APPROACH METHOD OF TEACHING IN ENHANCING PERFORMANCE OF THE STUDENTS IN TRIGONOMETRY IN COMBINED MATHEMATICS OF GCE(A/L): A CASE STUDY IN KEGALLE EDUCATION ZONE	Dr. W D Chandresena
57.	Ms. Hasanthika J.M.L	FACTORS AFFECTING PHYSICS RESULTS OF G.C.E. (A/L) STUDENTS IN BADULLA DISTRICT	Dr. P W S K Bandaranayake
58.	Ms. Kumari K V S	THE IMPACT OF TECHNOLOGY AND GAME BASED LEARNING ON THE PERFORMANCE LEVEL AND REDUCING ANXIETY FOR GEOMETRY OF GRADE 11 STUDENTS IN KURUNEGALA ZONE	Dr. G W R M R Palamakumbura
59.	Ms. Jayasingha J D T U K	THE IMPACTS OF PRIMARY TEACHERS' PEDAGOGICAL SKILLS ON STUDENTS' ACHIEVEMENT IN MATHEMATICS	Dr. W D Chandrasena
60.	Mr. Anantharuban T	FACTORS INFLUENCING STUDENT'S SELECTION OF PHYSICAL SCIENCE STREAM IN G.C.E.(A/L) : A CASE STUDY IN KALKUDAH EDUCATION ZONE	Dr. U N B Dissanayake
61.	Mr. Sathiaselvan A S	USE OF ACTIVITY BASED LEARNING TO TEACH GEOMETRY IN GCE (O/L) IN KALKUDAH ZONE	Dr. U G I G K Udagedara

62.	Ms. Wijerathna W M K G	KNOWLEDGE, ATTITUDES AND PARTICIPATION FOR ENVIRONMENTAL ACTIVITIES OF GRADE 11 STUDENTS IN FOUR SELECTED SCHOOLS IN MATALE DISTRICT, SRI LANKA	Prof. A M T A Gunarathne
63.	Mr. Devandran S A	ERRORS AND MISCONCEPTIONS IN ADDITION AND SUBTRACTION OF FRACTIONS: A CASE STUDY OF GRADE NINE STUDENTS IN HATTON ZONE	Dr. G W R M R Palamakumbura
64.	Mr. Senapathi S P H K	FACTORS AFFECTING STUDENT PERFORMANCE OF GRADE 9 SCIENCE SUBJECT IN SELECTED TYPE 2 PLANTATION VERSUS NON- PLANTATION SCHOOLS; A CESE STUDY IN KEGALLE DISTRICT	Prof. K W Dammunupola Prof. K M G G Jayasooriya
65.	Ms. Perera H N	INVESTIGATION OF FACTORS ASSOCIATING WITH GCE (ORDINARY LEVEL) FAILURES IN WESTERN PROVINCE	Dr. W D Chandresena Dr. A Amarasinghe
66.	Mr. Fernando M K G S	INVESTIGATION OF FACTORS AFFECTING STUDENTS' LOW ENROLLMENT IN G.C.E.(A/L) SCIENCE STREAM IN VIYALUWA EDUCATION ZONE	Dr. W D Chandrasena
Information Technology			
67.	Mr. Bandaranayake D W N C	CLOUD DATA WAREHOUSING SOLUTION FOR UNIVERSITY APPLICATION	Prof. U A J Pinidiyaarachchi
68.	Mr. Ramanan M	THE IMPACT OF ICT IN VOCATIONAL AND TECHNICAL EDUCATION DURING THE PANDEMIC (COVID-19) AND BEFORE THE PANDEMIC IN SRI LANKA: A COMPARATIVE STUDY	Dr. H A Usoof
69.	Mr. Ekanayake S W M V M	MAPPING RESEARCH CONTRIBUTIONS OF SRI LANKAN HIGHER EDUCATION	Prof. S R Kodithuwakku Prof. Saman Seneweera Mr. P M P C Gunathilake

		INSTITUTES WITH UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS	
70.	Mr. Nanayakkara H V I N	IMPACT OF ROBUST ICT FRAMEWORK AND ORGANIZATIONAL DEVELOPMENT OF MULTIPURPOSE CO- OPERATIVE SOCIETIES LTD, CENTRAL PROVINCE IN SRI LANKA	Mr. D S Deegalla
Applied Epidemiology			
71.	Mr. Sheron V A	FACTORS INFLUENCING THE QUALITY OF LIFE OF PATIENTS WITH END STAGE RENAL DISEASE UNDERGOING HEMODIALYSIS AT TEACHING HOSPITAL JAFFNA	Prof . Sampath Tennakoon Dr. Shalika Kumburegama
72.	Ms. Rathnayaka R M A S	SPATIAL AND TEMPORAL TREND OF LEISHMANIASIS IN KANDY DISTRICT, SRI LANKA	Prof. Samapath Tennakoon Dr. P Nithershini
Industrial Mathematics			
73.	Mr. Gladson M A	OBTAINING BOUNDS TO THE INTEGRATED INVENTORY SYSTEM WITH SYNCHRONIZED UNEQUAL SIZED BATCH DELIVERY UNDER INTERVAL DEFINED PRODUCTION AND DEMAND RATES	Prof. A A I Perera
74.	Mr. Wijesekara W P T T	AN IMPROVED GENETIC ALGORITHM TO THE HYBRID ELECTRIC VEHICLE ROUTING PROBLEM WITH MODE SELECTION	Dr. Z A M S Jaman
75.	Mr. Thalawaththe S T R D	IMPROVING THE PRODUCTION EFFICIENCY IN APPAREL INDUSTRY THROUGH STATISTICAL PROCESS CONTROL :A CASE STUDY	Prof. W B Daundasekara
76.	Ms. Priyanka P A I M	EXAMINATION TIME TABLE SCHEDULING BASED ON QUADRATIC ASSIGNMENT PROBLEM	Dr. G W R M R Palamakumbura

77.	Dheerasinghe G W M M K	EXPLORATION IN ALGEBRAIC GRAPH THEORY	Dr. PG R S Ranasinghe Prof. AAI Perera
Physics of Materials			
78	Mr. Rathnayaka K U R R S	HIGH SURFACE CONDUCTING ,LOW TRANSPARENT FLUORINE-DOPED TINOXIDE THIN FILMS WITH LIGHT SCATTERING MORPHOLOGY FRO DYE- SENSITIZED SOLAR CELL APPLICATIONS	Prof. T M W J Bandara Dr. K B Wijayaratne
79	Mr. Balasooriya G A Y R	Cu-NITROGEN DOPED GRAPHENE(Cu-N/Gr) NANOCOMPOSITE AS CATHODE CATALYST IN FUEL CELLS – DFT STUDY	Prof. P Samarasekara Dr. Roshan N Thotagamuge
Environmental Science			
80	Ms. Piyadigama P H S	SOIL AND GEOCHEMICAL CHARACTERISTICS OF ELEPHANT GEOPHAGIC SOILS IN UDAWALAWA NATIONAL PARK ,SRI LANKA	Prof. G W A Rohana Feranando

5.3 Postgraduate Output During the Year

5.3.1 Graduation

286 grandaunts from Postgraduate Institute of Science received their postgraduate degrees of PhD/ MPhil/Masters and MSc while 97 students obtain postgraduate diploma.

Degree	No. of Students
Ph.D.	10
M. Phil.	21
M.Sc.	82
Masters	173
Diploma	97
Total	383



5.3.2 Output of Postgraduate Degree Programmes 2023 (from January to December 2023)

Programme of Study	Degree (PD/Master's/MPhil/ PhD)	No. Graduate d Total
Biochemistry and Molecular Biology	MPhil	2
Chemical Sciences	MPhil	2
Environmental Science	MPhil	5
Earth Sciences	MPhil	2
Physics	MPhil	3
Plant Science	MPhil	2
Statistics And Computer Science	MPhil	1
Science Education	MPhil	1
Zoological Sciences	MPhil	3
Biochemistry And Molecular Biology	Ph.D	1
Chemical Sciences	Ph.D	2
Environmental Science	Ph.D	1
Earth Sciences	Ph.D	1
Mathematics	Ph.D	1
Plant Science	Ph.D	2
Statistics And Computer Science	Ph.D	1
Zoological Sciences	Ph.D	1
Clinical Biochemistry	Master of Science	1
Experimental Biotechnology	Master of Science	3
Analytical Chemistry	Master of Science	5
Nanoscience And Nanotechnology	Master of Science	5
Engineering Geology & Hydrogeology	Master of Science	3
Gis and Remote Sensing	Master of Science	6
Water Resources Management	Master of Science	3
Biodiversity, Ecotourism And Environment Management	Master of Science	14
Industrial Mathematics	Master of Science	5
Medical Physics	Master of Science	1
Medical Microbiology	Master of Science	7
Pharmaceutical Botany	Master of Science	2
Science Education	Master of Science	11

Applied Statistics	Master of Science	6
Computer Science	Master of Science	2
Information Technology	Master of Science	4
Applied Epidemiology	Master of Science	2
Physics Of Materials	Master of Science	2
Experimental Biotechnology	Masters	6
Analytical Chemistry	Masters	20
Nanoscience And Nanotechnology	Masters	19
Gis and Remote Sensing	Masters	3
Environmental Science	Masters	8
Applied Statistics	Masters	9
Computer Science	Masters	45
Information Technology	Masters	22
Physics Of Materials	Masters	5
Disaster Management	Masters	1
Medical Microbiology	Masters	3
Data Science	Masters	4
Engineering Geology & Hydrogeology	Masters	3
Water Resources Management	Masters	4
Medical Physics	Masters	5
Industrial Mathematics	Masters	7
Pharmaceutical Botany	Masters	9
Science Education	PG Diploma	29
Clinical Biochemistry	PG Diploma	4
Analytical Chemistry	PG Diploma	3
Industrial Chemistry	PG Diploma	2
Nanoscience And Nanotechnology	PG Diploma	1
Disaster Management	PG Diploma	2
Engineering Geology & Hydrogeology	PG Diploma	2
Gis And Remote Sensing	PG Diploma	5
Water Resources Management	PG Diploma	1
Biodiversity, Ecotourism And Environment Management	PG Diploma	5

Environmental Science	PG Diploma	3
Medical Microbiology	PG Diploma	1
Pharmaceutical Botany	PG Diploma	1
Science Education	PG Diploma	26
Applied Epidemiology	PG Diploma	7
Computer Science	PG Diploma	5
Total		383

5.3.3 Local Students New Entrants and Enrolment (Total No. of Students) in Postgraduate Degree Programmes 2023

Programme of Study	New Entrants (January – December 2023)	Student Enrolment (Total no. of registered students - academic work in progress
Postgraduate Diploma		
Science Education	8	8
Sub Total	0	8
Master's Degree (M.Sc.)		
Masters In Analytical Chemistry	12	139
Masters In Applied Statistics (SLQF 9/10)	0	73
M.Sc. In Biodiversity, Ecotourism & Environment Management	0	18
Masters In Biodiversity, Ecotourism & Environment Management (SLQF 9/10)	12	53
Masters In Computer Science(SLQF 9/10)	0	176
M.Sc. In Clinical Biochemistry	0	5
Masters In Clinical Biochemistry(SLQF 9/10)	0	37
M.Sc. In Disaster Management	0	17
Masters In Disaster Management(SLQF 9/10)	0	45
Masters In Engineering Geology & Hydrogeology (SLQF 9/10)	0	44
Masters In Environmental Science(SLQF 9/10)	16	98
Masters In Experimental Biotechnology(SLQF 9/10)	0	55
Masters In GIS & Remote Sensing(SLQF 9/10)	0	127
Masters In Industrial Chemistry(SLQF 9/10)	0	49
M.Sc. In Industrial Mathematics	0	7
Masters In Industrial Mathematics(SLQF 9/10)	12	69
Masters In Information Technology(SLQF 9/10)	0	84
Masters In Medical Physics(SLQF 9/10)	0	18
Masters In Nanoscience & Nanotechnology(SLQF 9/10)	11	133

Masters In Pharmaceutical Botany(SLQF 9/10)	0	28
Masters In Physics of Materials(SLQF 9/10)	0	45
Masters In Science Education(SLQF 9/10)	6	102
M.Sc. In Medical Microbiology	0	10
Masters In Medical Microbiology(SLQF 9/10)	4	52
M.Sc. In Gemmology & Industrial Minerals	0	3
Masters In Gemmology & Industrial Minerals(SLQF 9/10)	0	25
M.Sc. In Water Resources Management	0	6
Masters In Water Resources Management(SLQF 9/10)	12	35
M.Sc. In Applied Epidemiology	0	10
Masters In Applied Epidemiology(SLQF 9/10)	0	40
Masters in Data Science(SLQF 9/10)	0	72
Masters in Molecular Biology And Biotechnology (SLQF 9/10)	20	20
Sub Total	105	1695
M.Phil.		
Mphil in Biomedical Sciences	0	1
Mphil in Biochemistry & Molecular Biology	6	18
Mphil in Chemical Sciences	10	63
Mphil in Environmental Science	2	24
Mphil in Earth Sciences	5	35
Mphil in Mathematics	6	12
Mphil in Physics	4	22
Mphil in Plant Sciences	4	18
Mphil in Statistics & Computer Science	4	15
Mphil in Science Education	2	11
Mphil in Zoological Sciences	5	9
Sub Total	48	228
Ph.D.		
PhD in Biochemistry & Molecular Biology	3	3
PhD in Chemical Sciences	5	6
PhD in Environmental Science	4	5
PhD in Earth Sciences	1	4
PhD in Mathematics	1	4

PhD in Physics	2	2
PhD in Plant Sciences	4	6
PhD in Statistics & Computer Science	2	4
PhD in Science Education	3	4
PhD in Zoological Sciences	4	4
Sub Total	29	42
Grand Total	190	1973

5.3.4 Foreign Students enrolment in Postgraduate Degree Programmes

Programme of Study	Country	Student Enrolment (total no. of registered students) (as at 31st December 2023)		
		Male	Female	Total
Master's Degree				
Science Education	China	10	15	25
Disaster Management	Canada/ Kuwait	1	1	2
GIS and Remote Sensing	Congo	1	0	1
Sub Total		12	16	28
M.Phil.				
Environmental Science	China	1	0	1
PhD				
Earth Sciences	Australia	1	0	1
Sub Total		1	0	1
Grand Total		14	16	29



5.4 Research Facilities and Activities

5.4.1 Research facilities and laboratory functioning

Laboratories were prepared for students to conduct their research projects conveniently by providing facilities including needy equipments, chemical & consumable stores and storage areas.



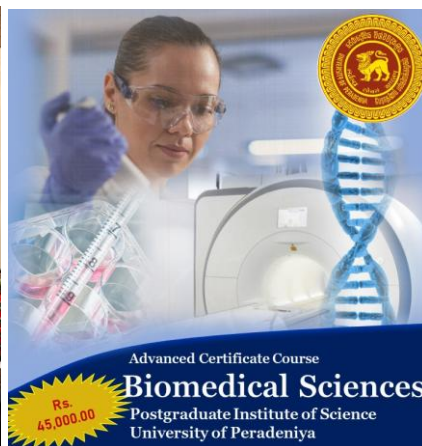
5.4.2 PGIS research Grants programme 2023

The PGIS administered 36 local and foreign research grants. A scheme for awarding research grants from earned funds was established. In year 2021, PGIS funded eleven new PGIS Research Grants and ten extensions for the 2021 grants through generated funds. The Institute launched the International Journal of Environmental Issues in year 2023. Further the Biodiversity Research Unit has been established in view of to provide environmental conservation in selected areas

6. CONFERENCES AND SHORT-TERM PROGRAMMES

(Research Areas :Biotechnology and Molecular Biology ,
Biomedical Sciences ,Chemical Sciences , Earth ,Sciences ,
Environmental Science ,Mathematics , Physics , Plant
Sciences, Science Education, Statistics,& Computer Science,
Zoological Sciences)

The PGIS annually conducts many short-term programmes including conferences and in-service training programmes; some of those programmes are conducted on a regular basis. The regular short-term programmes conducted in 2023 include three '**Workshops on Scientific Writing**', '**Short Course on GIS and Applications**'. The PGIS also offers consultancy services to local industries and state- and private-sector institutions. The Information with related to the Conferences and other events are given below.



6.1 PGIS Research Congress (RESCON) – 2023



The PGIS Research Congress is the major annual research conference of the Postgraduate Institute of Science. The congress provides an excellent platform to share knowledge and network with scientists across the country and abroad through the presentation of cutting-edge research. This event, the largest in the PGIS calendar, has evolved into a vital platform for knowledge exchange, uniting both local and international research. Scheduled on the 3rd and 4th of November 2023, 178 abstracts spanning under five major themes; Life Sciences, Physical Sciences, ICT, Mathematics, and Statistics, Science Education, and Earth and Environmental Sciences, were presented.

The Congress was held on the 03rd and 04th of November 2023. The Inauguration Ceremony, together with the keynote speech by Prof. Kosala Weerakoon of Rajarata University of Sri Lanka, was held on the 03rd November 2023, and the Technical Sessions were held on 04th November 2023.

Technical Sessions of the RESCON 2023 were successfully completed with Prof. Johannes Barth, Dr. Chaminda Ranasinghe, Prof. Danny O'Hare, Prof. Shironica Priyanthi Karunanayaka as plenary speakers.

6.2 Short-Term Programmes



Some additional short-term programmes conducted in 2023 were: .

- Advanced certificate course in Biomedical Sciences from March to April 2023
- Certificate course in Bioinformatics Introduction and Methods from 24.07.2023 – 12.01.2024

6.2.1 Workshops, Conferences ,Webinars Held in 2023

	Programme/Theme	Organized by Fac./Dep./Center/Unit	Dates
1	The Education Expo 2023	International Relations Office, Higher Education Commission of Pakistan and the Postgraduate Institute of Science (PGIS), University of Peradeniya,	2nd of March 2023
2	Sound Management of Mercury and Mercury Containing Waste	National Cleaner Production Centre in collaboration with the Ministry of Environment	2nd March 2023 at the PGIS
3	Green Youth Project funded by JAICA, through PGIS	Implemented by the The University of Sacred Heart ,Tokyo, Japan	18 th to 24 th March 2023 Visited PGIS 19.03.2023
4	Discussion “Ancient Irrigation Systems “	Centre for Environmental Sustainability (CES) and PGIS	29 th March 2023

5	International Conference on Mathematics and Mathematics Education	Board of Study in Mathematics	14 th & 15 th July 2023
6	Flag ship Space and Planetary Geosciences research programme	Board of Study in Earth Science	28 th June 2023
7	Webinar on Grievances	Grievance Committee and Counseling Unit of the PGIS	10th June, 2023
8	workshop on Development of central startup hub and filling the gaps/ Insight in to UK tech/ investment landscape going global	Business Linkage, Innovation, Incubation and Technology Transfer Office (Blitto) University of Peradeniya	25 th June 2023
9	International Conference on Environmental Sustainability (ICCES 2023)	Center for Environment Sustainability	25 th August 2023
10	Workshop on IASTM and cupping therapy	AADP, Faculty of Allied Health Science, University of Peradeniya	30 th September 2023
11	Workshop on nEURO care system	University of Peradeniya	30 th and 31 st October 2023
12	DAAD performance session	International Relations Office (InRO) University of Peradeniya	06 th October 2023
13	Pre Conference work shop Current trend in Photoelctrochemical and Photovoltaic Materials, Devices and	PGIS	06 th October 2023

14	JICA Chair Programme - Modernization of Japans Administrative system	International Relations Office (InRO) University of Peradeniya	17 th October 2023
15	RESCON	PGIS	03 rd & 04 th November 2023
16	International Symposium on Pathogen Genomics	Board of Study in Biomedical Science, PGIS	2th November .2023
17	Evidence based research & systematic reviewers	BoS in Zoological Science,PGIS	14th December 2023

7. DEVELOPMENT OF HUMAN AND PHYSICAL RESOURCES

7.1 Human Resources

During the year both faculty as well as non-academic staff of PGIS rendered valuable service to the achievement of institutional goals

7.1.1 Academic staff (Visiting)

Board of Study	Subject	Medium	Senior Professor/ Professor/Assoc. Professor	Senior Lecturer/ Lecturer	Instructor
Biochemistry of Molecular Biology	Clinical Biochemistry	English	10	13	-
	Experimental Biotechnology		09	05	10
Chemical Sciences	Analytical Chemistry		03	13	20
	Industrial Chemistry		17	15	05
	Nanoscience & Nanotechnology		21	23	11
Earth Sciences	Disaster Management		04	15	-
	GIS & Remote Sensing		05	12	11
	Water Resources Management		06	09	-
Environmental Science	Biodiversity, Ecotourism & Environment Management		10	07	01
	Environmental Science		12	10	01
Mathematics	Industrial Mathematics		02	10	-
Physics	Physics of Materials		06	11	-
	Medical Physics		04	18	03
Plant Sciences	Medical Microbiology		08	16	-

	Pharmaceutical Botany		04	10	10
Science Education	Diploma in Science Education		-	15	-
	Science Education (Chinese Students)		07	15	03
Statistics & Computer Science	Applied Statistics		02	12	-
	Computer Science		06	12	03
	Data Science		04	14	01
	Information Technology		04	10	05
Zoological Sciences	Applied Epidemiology		05	12	-
	TOTAL		149	277	75

7.1.2 Approved Cadre and Present Staff 2023 - All Staff

*) Cadre positions of Temporary Research Assistant and Temporary Instructor are not permanently categorized

**) 4 Cadre positions of Management Assistant are in personal to holder basis

Service Category	Designation	Salary Code	DMS approved Cadre	Existing Cadre		Vacancies
				Permanent	Temporary	
Senior Level	Director	U - AC 5	01	01	00	00
	Professor	U - AC 5	05	00	01 – Senior Lecturer – Grade I on Contract Basis (Resigned on 31.10.2023)	05
	Associate Professor	U - AC 4			01 – Senior Lecturer – Grade II on Assignment Basis (Resigned on 10.01.2024)	
	Senior Lecturer/Lecturer/Lecturer (Probationary)	U - AC 3				
	Senior Assistant Registrar/Deputy Registrar	U - EX 2	01	00	00	01
	Senior Assistant Bursar/Deputy Bursar	U - EX 2	01	01	00	00
	Assistant Registrar	U - EX 1	01	01	00	00
	Electronics Engineer	U - EX 1	01	01	00	00
Tertiary Level	Scientific Assistant	U - AS 1	01	01	00	00
Secondary Level	Technical Officer (Audio Visual)	U - MT 1	01	00	00	01
	Technical Officer	U - MT 1	03	01	00	02
	Management Assistant	U - MN I	07	10	00	00
			04			
			(Personal to holder)			
	Management Assistant (Store Keeping)	U - MN I	01	01	00	00
	Management Assistant (Book Keeping)	U - MN I	01	01	00	00
	Management Assistant (Shroff)	U - MN I	01	01	00	00
Primary Level	Driver	U - PL 3	03	02	00	01
	Electrician	U - PL 3	01	00	00	01
	Lab Attendant	U - PL 2	01	00	00	01
	Works Aide	U - PL 1	04	03	00	01
	Office Machine Operator*	U - PL 1	01	00	00	00
*)Temporary Research Assistant		Fixed	02	00	00	02
*)Temporary Instructor		Fixed	02	00	01	00
					01	
					(Assignment Basis)	

7.2 Physical Resources

7.2.1 Information on IT Utilization

Table 1: IT Infrastructure/ Labs/Internet

Number of labs for Students	Number of computers for Students	Number of labs for Education (Academics)	Number of computers for Education (Academics)
5	192	5	3

Table 2: IT Peripherals (as at 31st December 2021)

	No.
Number of Computers for students	
Desktop computers	137
Laptops/tabs	55
Number of Computers for Administrative Staff	
Desktop computers	4
Laptops/tabs	4
Number of Computers for Academic and Academic Support Staff	
Desktop computers	3
Laptops/tabs	1
Number of Computers for Nonacademic Staff	
Desktop computers	20
Number of servers	11
Number of printers (heavy duty)	2
Number laser printers	15
Number of scanners	1
Other IT equipment - Digital cameras, etc.	
Smart Board	6
Web Cameras	5
Camera	1
Number of computer labs	5
Computers in each lab	56,68,55,5,8
Number of student computers for internet accessing	192
Number of staff Computers for internet accessing	24

8. ADMINISTRATIVE AND FINANCIAL ACHIEVEMENT

8.1 Details of the Infrastructure Facilities

8.1.1 Total Income in 2022 and 2023

	2023 (Rs.)	2022(Rs.) (Restated)
Recurrent Grant	-	25,998,000
Self-Financing Activities	58,973,310	99,465,726
All other Internal Income	109,917,822	257,229,264
Total	168,891,132	382,692,990

8.1.2 Capital Payments in 2022 and 2023

Capital Payments	Government Grant		Generated Income		Total Payments	
	2022 (Rs)	2023 (Rs)	2022 (Rs)	2023 (Rs)	2022 (Rs)	2023 (Rs)
Building		-				
Lab & Teaching Equipment		-	64,156,928	624,250	64,156,928	624,250
Office Equipment		-	131,745	1,679,120	131,745	1,679,120
Library Books		-		142,302	-	142,302
Telephone		-		5,490	-	5,490
Total	-		64,288,673	2,451,162	64,288,673	64,288,673

8.1.3 Recurrent Expenditure

Programme	Expenditure (Rs.)
Personal Emoluments –Academic	20,228,538
Personal Emoluments -Non Academic	33,886,485
Travelling Expenses	128,280
Supplies	4,440,122
Maintenance Expenses	4,313,088
Contractual Services	12,568,583
Other Recurrent Expenses	18,894,667
Exchange Loss	41,494,616
Depreciation	48,404,715
Grand Total	184,359,094

8.1.4 Financial Progress (Expenditure)

Subject	2022
Recurrent	71%
Capital	10%

8.1.5 Financial Performance Analysis

Subject	Exp. Per Student Rs.
Recurrent Expenditure per student (RE)	To be Calculated based on above mentioned recurrent expenditure

8.1.6 Fund Allocation, Utilization and Management

	Allocation (Mn)	Received and Utilized (Mn)
Capital Grants	-	-
Recurrent Grants	26.418	25.998

8.1.7 Research Grants Received (External Funds, 2018-2023)

Year	No. of Research Grants	Value (Rs.)
2018	4	14,001,100.00
2019	6	10,288,860.00
2020	4	995,000.00
2021	2	341,898.00
2022	-	-
2023	02	9,259,199.51

8.1.8 Details of Research Grant Expenditure (Foreign Funded) Year 2023

Name of The Grantee	Title of the project	Total Grant Amount	Receipts in 2023 (Rs.)	Expenditure in 2023 (Rs.)
Prof. D Yakandawala Department of Botany Faculty of Science	Biogeography and Phylogenetics of Genus Piper	€192,310	1,308,188.75	635,353.14
Prof.R S Rajakaruna Department of Zoology Faculty of Science	Sea turtle egg sales and consumptive use in Sri Lanka	USD \$ 1,040	-	50,238.00
Prof Banadara T M W J Department of Physics Faculty of Science	Novel Nano-structures for performance enhancement of low-cost solar cells	SEK 105,000	2,720,799.51	1,940,296.51
Prof. D Yakandawala Department of Botany Faculty of Science	Conservation of Bogner's water-trumpet(Cryptocoryne bogneri) in sri lanka	USD 20,000	6,538,400.00	-
TOTAL			10,567,388.26	2,625,887.65

8.1.9 Details of Research Grant Expenditure (Local Funded) Year 2023

Name of The Grantee	Title of the project	Total Grant Amount	Receipts in 2023	Expenditure in 2023
			(Rs.)	(Rs.)
Prof.KMG Jayasooriya Ministry of Environment Research study	Comparative analysis of soil carbon sequestration capacity of different mangrove and associated plant communities in the Manduganga RAMZAR site and Madampa Vila sanctuary	343,900.00	-	160,839.00
Prof. H M S P Madawala, Department of Zoology Faculty of Science	"Study on Floristic Diversity of Ambokka Mountain Range"	275,000.00	-	50,726.00
Prof. A Pitawala, Department Of Geology Faculty Of Science	Research grant on safe use of Chrysotile Asbestos in Sri lanka	4,392,000.00	-	523,540.28
Dr. NSP Kumburegama, Department of Zoology Faculty Of Science	Diversity of freshwater snails in the central province of Sri Lanka and their DNA bar coding and molecular phylogenic analysis	232,000.00	-	146,621.16
Dr.PG Manthilake	Proposed Project on synthesis of value added products from Sri Lankan Zircon Sand	4,401,600.00	-	106,250.00
TOTAL			-	987,976.44

8.1.10 Details of Research Grant awarded by PGIS Year 2023

Name of the Grantee	Title of the project	Grant Amount		Receipts in 2023	Expenditure in 2023
		Year 1	Year 2	(Rs.)	(Rs.)
Dr.PA Dharmapriya Department of Geology, Faculty of Science	Micro paleontological and Litho-chemo Stratingraphical Characteristics of Sedimentary Sequence in the Manner Basin: probing the Potential of hydrocarbons and Constraints the Depositional Environments and Paleo climate during the Basin Filling	499,750.00	620,000.00	382,518.18	382,518.18
Prof.NWB Balasooriya Department of Geology, Faculty of Science	Sri Lanka Vein Graphite: Purification and Utilization for Advanced Application	500,000.00	500,000.00	-	-
Dr.TMWJ Bandara, Department of Physics, Faculty of Science	Optimizing quasi solid-state photo electrochemical solar cells by improving charge transport in electrolytes by utilizing mixed cations and electrodes by graphite/grapheme quantum dots.	485,000.00	610,000.00	-	423,524.00
Dr.BMK Pemasiri Department of Physics, Faculty of Science	Development of efficiency and stability of photo electrochemical solar cell by improving appropriate gel polymer electrolytes	495,000.00	480,000.00	-	131,920.00
Dr.WRP Wijesinghe Department of Botny, Faculty of Science	Genomic elucidation of antibiotic resistant Pseudomonas aeruginosa and Acinetobacter baumannii in livestock waste of Sri Lanka	500,000.00	500,000.00	152,000.00	152,000.00
Dr. HACK Ariyaratna Department of Botany, Faculty of Science	Diversity and distribution of fungal-borne, pathogens associated with prevailing diseases in finger millet and other major cereal crops in Sri Lanka	500,000.00	620,000.00	510,000.00	510,000.00
Prof. Deepthi Yakandawala, Department of Botny, Faculty of Science	Biogeography and Phylogenetics of Genus Piper	500,000.00	500,000.00	219,523.00	195,300.00
Prof.KB Ranawana, Department of Zoology, Faculty of Science	Population Structure and herb ivory of sambar deer (Rusa unicolor unicolor) in Horton plains National Park, Sri Lanka	490,000.00	490,000.00	-	173,500.00

Dr.TC Weeraratne, Department of Zoology, Faculty of Science	Insecticide resistant levels and resistant mechanisms in insect pests of stored grains in Sri Lanka	495,000.00	498,000.00	274,073.19	692,223.19
Prof.WB Daundasekara Department of Mathematics, Faculty of Science	Multi-Vendor Multi-Buyer Integrated Inventory Supply Chain by incorporating some realistic factors with a better Synchronization: development of a realistic model and an efficient solution technique	410,000.00	410,000.00	160,000.00	160,000.00
Dr.THKR De Silva, Department of Mathematics, Faculty of Science	Mathematical Modeling of spread of Covid-19 with the Environmental Transmission of Corona virus and the Optimal	500,000.00	497,000.00	-	-
Dr. Amalka Pinidiyaarachchi , Department of Statistics & Science, Faculty of Science	Identification and classification of brain disease using deep learning on neuroimaging data	500,000.00	500,000.00	-	-
Dr.V Sivakumar , Department of Physics, Faculty of Science	URC Research Grant 280	600,000.00	-	-	400,000.00
Prof. SHPP Karunarathne, Department of Zoology, Faculty of Science	URC Research Grant 265	600,000.00	600,000.00	600,000.00	600,000.00
Dr. PK Perera Department of Zoology, Faculty of Science	Epidemiological investigations of ovine and bovine theileriosis in Jaffna, Sri Lanka	620,000.00	620,000.00	-	-
Prof. WA Priyanka De Silva, Department of Zoology	Epidemiology and vector Surveillance of Leishmaniasis in Central Sri Lanka	424,000.00	610,000.00	95,000.00	95,000.00
Dr. MPCS Dhanapala, Department of Biochemistry and Molecular Biology	Identification and characterization of mode of inheritance of dwarfism and type of mutation present in three different dwarf rice Sri Lanka	620,000.00	620,000.00	-	-
Dr. LK Narangammana, Department of Physics	Development and investigation of non-toxic, low-cost, thermoelectric materials using organic and inorganic	620,000.00	620,000.00	78,100.00	78,100.00

	semiconductors				
Dr. BS Nanayakkara, Department Of Botany	Development of a novel chromatographic stationary phase from a natural substance	620,000.00	620,000.00	448,600.00	448,600.00
Dr. JATC Ariyasena, Department of Chemistry	Seed dormancy, storage behavior and some morpho-chemical properties of the dispersal units in species of the family Dilleniaceae	620,000.00	620,000.00	280,000.00	280,000.00
Prof. KMGG Jayasuriya, Department of Botany	Enhanced photocatalytic degradation of microplastics in soil using Sri Lankan red earth	603,530.00	616,310.00	122,588.75	122,588.75
Dr. HMKNH Koralegedara, Department of Geology	Effects of conversion to organic agriculture on biodiversity	620,000.00	620,000.00	355,064.15	355,064.15
Dr. WMKBN Wijayaratne, Department of Physics	All-solid-state dye-sensitized solar cells using organic/inorganic hole conductors, enhanced with locally found biological micro/nano-structures	620,000.00	620,000.00	355,100.00	355,100.00
Prof.SH Boyagoda Department of Zoology Faculty of Science	Effects of conversion to organic agriculture on biodiversity	620,000.00	620,000.00	182,741.00	182,741.00
TOTAL				2,393,114.37	5,738,179.27

9. FAILURES AND JUSTIFICATIONS

The scheduled academic programmes and examinations for the year 2023 could not be conducted on time due to the delay occurred owing to the Covid-19 pandemic and the financial crisis. Online lectures were delivered and end semester examinations were conducted as remedial measures. Due to the financial crisis the expected construction work and procurements have to be postponed. Due to the issuance of government circulars restricting new recruitments the expected recruitment were on hold and additional work load had to be entrusted on the current work force. Approval is still pending at the UGC level for two Masters/MSc programmes which were expected to commence in year 2023. The PGIS organized short course on the same subject discipline to promote the programme to be advertised in future.

10. FUTURE PLANS OF PGIS

Future Plans

- Revision of curricula and courses that have not been revised; introduction of new industry-based degree programs and short-term training courses in light of the country's current and future needs
- Implementation of new standards and guidelines for quality assurance in PG Education at PGIS
- To expand avenues for research output dissemination by strengthening in-house publishing and access to peer-reviewed and indexed scientific journals, as well as reward best-performing master students.
- Development of infrastructure, smart classrooms, instrumentation, and laboratory facilities for advanced research and to advance online academic program delivery
- Facilitating conducting international and national conference-workshops on a virtual/physical platform
- Conducting a number of training programs on general and financial management to improve staff members' leadership, teamwork, and motivation

- Executed necessary action to signed MOUs with foreign universities and research institutes to offer postgraduate programs and collaborate on research .
- Revision of existing examination procedures and streamlining of the diverse practices followed by different Boards of Study
- Obtaining feedback from students, graduates, academic staff, and other stakeholders through IQAC in order to enhance the study programs as well as to develop the quality of administration-related issues.
- Appropriate strategies to be further implemented to protect and minimize the damage to the environment adhering sustainable development policies
- Attraction and registration of more international students to improve university ranking.

11. SUSTAINABLE DEVELOPMENT

11.1 Sustainable Development Programmes Implemented at the Postgraduate Institute of Science in 2023

- Improve the garbage segregation process currently being practiced at the PGIS
- Conduct awareness programmes regularly on waste Management.
- Regular maintenance of laboratories to minimize the risk hazards.
- Researchers are asked to use fume hoods for their solvent based activities to avoid chemical poisoning and hazards. Fume hoods are designed to release air pollutants with proper mechanism.
- Conduct awareness programmes for Postgraduate students before commencing the practical components of the respective Master programmes on using the chemical and instruments laboratories for reducing the possible risk and to maintain laboratories properly.
- Developing the existing guidelines for the disposal of hazardous chemicals and bio hazardous waste.
- Landscaping of the surrounding area of the PGIS and interior renovations and reorganization.

- Launching the second issue of the PGIS journal (International Journal on Environmental Issues.) and publishing the second special issue of Ceylon Journal of Science.
- Proper maintenance of chemical storage areas under the standard conditions and locations
- Take necessary action to relocate the exhausters fans and fire safety equipment
- Implementation of proper guidelines to minimize the usage of paper.
- Introducing Management Information System (MIS) in order to enhance the quality of academic and administrative work and to develop a paperless effective communication system.
- Identification of effective measures to minimize the usage of energy.
- Providing financial support to the University of Peradeniya for purchasing incisorator
- Providing financial assistance for support to the University of Peradeniya to improve the academic programmes.
- Align with policies and guidelines of the University of Peradeniya regarding the sustainable Management

11.2 Sustainability Development Related Research Conducted During 2023

Title of the research	Name of the PGIS affiliated members
MEDIUM-VACUUM THERMAL EVAPORATION OF CDS:O THIN FILMS TOWARDS INDUSTRIAL CDS/CDTE SOLAR CELLS: TEMPERATURE AND O₂% OPTIMIZATION	A.A.I. Lakmal, K.M.N.S. Bandara , V.A. Seneviratne , B.S. Dassanayake
ANILINE-DOPED MOF-199 IN MOF-SENSITIZED SOLAR CELLS	Y.T. Poornima Pieris, Harith Ranathunga, Champika V. Hettiarachchi Perera, Ishanie R.
COMMUNITY SURVEY ON ANTHROPOGENIC ACTIVITIES AFFECTING THE RAWAN-OYA TRIBUTARY OF MAHAWELI RIVER IN KANDY DISTRICT, SRI LANKA	Gayani K. Kapukotuwa, Krishni C. Weerakoon, Charmalie L. Abayasekara, and R.S. Rajakaruna

CHEMICAL BATH DEPOSITED ZNO NANOWIRES FOR GAS SENSING: EFFECT OF DEPOSITION DURATION	Y. K. Abeykoon, A. A. I. Lakmal, M. A. H. M. Munasinghe, B. S. Dassanayake & N. Gunawardhana
APPLICATION OF CLUSTERING AND ORDINATION METHODS TO DETERMINE THE OPTIMAL PLOT SIZE FOR VEGETATION SAMPLING OF A SRI LANKANDIPTEROCARP FOREST	S.C.D. Wimalasena, P. Wijekoon, S.S. Fernando and I.A.U.N. Gunatilleke
RECHARGING MECHANISMS AND SEAWATER INTRUSION IN KARST AQUIFERS IN NORTHWEST SRI LANKA, BASED ON HYDROGEOCHEMISTRY AND WATER ISOTOPES	U.G. Chaminda Bandara, Saranga Diyabalanage, Johannes A.C. Barth, and R. Chandrajith
TOWARDS THE ESTABLISHMENT OF NATIONAL DIAGNOSTIC REFERENCE LEVELS FOR CHEST X-RAY EXAMINATIONS IN SRI LANKA: A MULTI-CENTRIC STUDY	Sachith Welarathna, Sivakumar Velautham and Sivananthan Sarasanandarajah
BIOFERTILIZER USAGE FOR SUSTAINABLE AGRICULTURE – REVIEW OF CHALLENGES AND STRATEGIES	W.M.Rajitha.W. Weerakoon, H.M.T.G.A. Pitawala and L.D.B. Suriyagoda
ENHANCEMENT OF PHOSPHOROUS REMOVAL FROM WASTEWATER USING MURUNKAN CLAY MIXED MEDIA	Mumthaj A.M.M., Dissanayaka D.M.S.H., Mowjood M.I.M.
INVESTIGATION OF THE BINARY CATION EFFECT AND THE IRRADIANCE LEVEL DEPENDENCE ON THE EFFICIENCY OF DYE-SENSITIZED	H. M. N. Wickramasinghe, N. G. A Karunathilaka, D. M. T. Gnanarathne L. Ajith. DeSilva and T. M. W. J. Bandara

SOLAR CELLS	
AVIFAUNAL DIVERSITY AND ABUNDANCE IN THE PROPOSED SARASALAI MANGROVE RESERVE, JAFFNA, SRI LANKA	Nitharsan Aloysius, Shashi Madhushanka and Chathuri Chandrika
SUSTAINABLE MINING OF NATURAL VEIN GRAPHITE VIA ACID-EXTRACTION FROM WASTE ATTACHED TO ROCK PIECES OF VEIN BANKS	Asiri D.T. Medagedara, Herath Mudiyanse T.G.A. Pitawala, Buddika Karunaratne, K. Kanishka H. De Silva, Masamichi Yoshimura, Kosala P. Walikannage, Thennakoon Mudiyanse W. J. Bandara, Rajapakse Mudiyanse G. Rajapakse & Gamaralalage R.A. Kumara
MICROTEXTURE AND GRAIN SIZE CHARACTERISTICS OF LAGOONAL AND RIVERINE COASTAL DEPOSITS ALONG THE SOUTHEASTERN COAST OF SRI LANKA: IMPLICATION FOR PALEO ENVIRONMENT	Chaturanga Sandaruwan, N. Madugalla, Madurya Adikaram, A. Pitawala & Tharanga Udagedara
DEVELOPMENT OF AN INTERACTIVE SOLID WASTE INFORMATION PLATFORM FOR THE LOCAL AUTHORITIES OF VAVUNIYA, SRI LANKA	Sobana Kayanan, B. F. A. Basnayake & R. T. K. Ariyawansa
ANTI-OXIDATIVE, ANTI-HYPERGLYCEMIC AND ANTI-OBESITY PROPERTIES OF SELECTED EDIBLE LEAFY PLANTS OF SRI LANKA	Savani Ulpathakumbura, Nazrim Marikkar, Lalith Jayasinghe
MICROTEXTURE AND GRAIN SIZE CHARACTERISTICS OF LAGOONAL AND RIVERINE COASTAL DEPOSITS ALONG THE SOUTHEASTERN COAST OF SRI LANKA: IMPLICATION FOR	Chaturanga Sandaruwan, N. Madugalla, Madurya Adikaram, A. Pitawala & Tharanga Udagedara

PALEOENVIRONMENT	
DEVELOPMENT OF AN INTERACTIVE SOLID WASTE INFORMATION PLATFORM FOR THE LOCAL AUTHORITIES OF VAVUNIYA, SRI LANKA	Sobana Kayanan, B. F. A. Basnayake & R. T. K. Ariyawansha
ANTI-OXIDATIVE, ANTI-HYPERGLYCEMIC AND ANTI-OBESITY PROPERTIES OF SELECTED EDIBLE LEAFY PLANTS OF SRI LANKA	Savani Ulpathakumbura, Nazrim Marikkar, Lalith Jayasinghe
TSUNAMI-RESILIENT BUILDING GUIDELINES FOR SRI LANKAN COASTAL BELT: A CRITICAL REVIEW AND CONSOLIDATION BASED ON SIGNIFICANT INSTITUTIONAL PERCEPTIONS	Udari Gunarathna, Chaminda Senarathna Bandara, Ranjith Dissanayake, Harsha Munasinghe
THE RELATIONSHIP BETWEEN TOURISM AND FOREIGN DIRECT INVESTMENT INFLOW IN SRI LANKA: EVIDENCE FROM ARDL BOUNDS TESTING APPROACH	S. Mathusha
ENVIRONMENTALLY FRIENDLY ADSORBENT DERIVED FROM ROCK MELON SKIN FOR EFFECTIVE REMOVAL OF TOXIC BRILLIANT GREEN DYE: LINEAR VERSUS NON-LINEAR ANALYSES	Romzi, A.A., Kooh, M.R.R., Lim, L.B.L., Priyantha, N. and Chan, C.M.
THE ANCIENT TANK CONSTRUCTION TECHNOLOGY IN NORTH CENTRAL DRY ZONE OF SRI LANKA: A HYDRO-ECOLOGICAL ASSESSMENT	M.D.S.W. Goonathilake and M.P. Perera
ASSESSMENT OF SOIL BACTERIAL	B.D. Tissera, M.K. Ramanayake, M.M.G.P.G.

DIVERSITY IN ORGANIC AND CONVENTIONAL AGROECOSYSTEMS VIA HIGH THROUGHPUT SEQUENCING	Mantilaka and H.M.L.I. Herath
URBAN BIRD DIVERSITY IN SELECTED LOCATIONS OF COLOMBO DISTRICT AND THE ATTITUDES OF RESIDENTS TOWARD BIRDS IN THEIR NEIGHBORHOOD	K.K.A. Perera and A.M.T.A. Gunaratne
PREVALENCE OF ANTIBIOTIC RESISTANCE BACTERIA ALONG THE MAHAWELI RIVER SEGMENT BETWEEN KOTAGALA AND BALAGOLLA	F. Fareed, T. Suganya, P.T.A. Thilakarathna, R. Jinadasa ¹ , T.N. Premachandra, S.K. Weragoda and S.H.P.P. Karunaratne
AIR QUALITY TRENDS AND PATTERNS IN KANDY, SRI LANKA	S.M.D.M.C. Senarathna, R. Jayaratne, L. Morawska, K. Walikannage, R. Weerassoriya and G. Bowatte
DOES SHELF LIFE AFFECT THE LEVEL OF MICROPLASTICS IN BOTTLED WATER	B.A.P.C. Premathilake, G.K. Kapukotuwa and R.S. Rajakaruna
FISH ASSEMBLAGE STRUCTURE AND ASSOCIATED ENVIRONMENTAL FACTORS OF RAWAN-OYA TRIBUTARY OF MAHAWELI RIVER	G.K. Kapukotuwa , C.L. Abayasekara , K.C. Weerakoon and R.S. Rajakaruna
A COMPARISON OF BIRD DIVERSITY BETWEEN THE CORE AREA AND THE BUFFER ZONE OF BODHINAGALA FOREST RESERVE, SOUTHWESTERN SRI LANKA	W. N. Madusanka
DISTRIBUTION OF THE CRITICALLY ENDANGERED AXIS PORCINUS (HOG DEER) (ZIMMERMANN, 1780) IN GALLE DISTRICT, SRI LANKA	B.H.S.M. Gunawardana, K.B. Ranawana and D. Weerasekara
EFFECT OF PHYSICOCHEMICAL PARAMETERS	W.M.S.H. Wijesundara, B.V.D.S. Baddevithana,

OF BREEDING WATER ON FITNESS OF DENGUE VECTOR MOSQUITOES	T.C. Weeraratne and W.A.P.P. de Silva
CHALLENGES IN CONTROLLING INSECT PESTS OF STORED GRAIN PRODUCTS IN SRI LANKA: INSIGHTS INTO INSECTICIDE METABOLIZING ENZYMES AND TARGET-SITE ALTERATIONS	G.N.P.V. Anuradha, W.R.G.W.N. Rajapaksha, W.A.P.P. de Silva and T.C. Weeraratne
PREPARATION AND CHARACTERIZATION OF COCONUT SHELL ACTIVATED CARBON BLACK FOR ELECTROPHOTOGRAPHY TONER APPLICATION	V.G.C. Samanmali, G.D.M.H. Wijewardhana, M.M.M.G.P.G. Mantilaka, T.B.N.S.Madugalla and W.P.S.L. Wijesinhe
KNOWLEDGE, ATTITUDES, PRACTICES AND PARTICIPATION IN ENVIRONMENTAL CONSERVATION ACTIVITIES OF GRADE 11 STUDENTS IN FOUR SELECTED SCHOOLS IN MATALE DISTRICT, SRI LANKA	W.M.K.G. Wijerathna and A.M. T.A. Gunaratne
ECO-FRIENDLY FARMING VS. CONVENTIONAL FARMING: AN APPROACH FOR ENVIRONMENTAL REMEDIATION IN PADDY CULTIVATION	W.A.P.P. Rathnayake and A.N. Navaratne
BIOFERTILIZER USAGE FOR SUSTAINABLE AGRICULTURE – REVIEW OF CHALLENGES AND STRATEGIES	W.M.R.W. Weerkoon, H.M.T.G.A. Pitawala and L.D.B. Suriyagoda
APPLICATION OF RAINWATER HARVESTING ON THE ROOFTOPS OF RESIDENTIAL BUILDINGS TO REDUCE URBAN FLOODS	G.C.M.K.Munasinghe
COMPARATIVE ANALYSIS OF SERUM	I.A.M.P. Ileperuma, H.M.S.Wasana , G.D.R.K.Perera

BIOCHEMICAL PROPERTIES AMONG CATTLE IN CKDU HIGH PREVALENCE AREAS IN ANURADHAPURA DISTRICT OF SRI LANKA	, H.T.K. Abeysundara , Y. Wei 3
HIGHER FILTER PERFORMANCE OF BURNED COCONUT SHELLS FILTER MEDIA	D. Chanaka, M. Wijesinghe, S.K Weragoda, N. Priyantha
APPLIED NUCLEATION AFFECTS SOIL RESTORATION OF DEGRADED GRASSLANDS IN THE KNUCKLES CONSERVATION FOREST, SRI LANKA	Gunasekara R.D.A. ,Gunaratne A.M.T.A. , Seneviratne G. , Gunatilleke I.A.U.N. and Gunatilleke C.V.S.

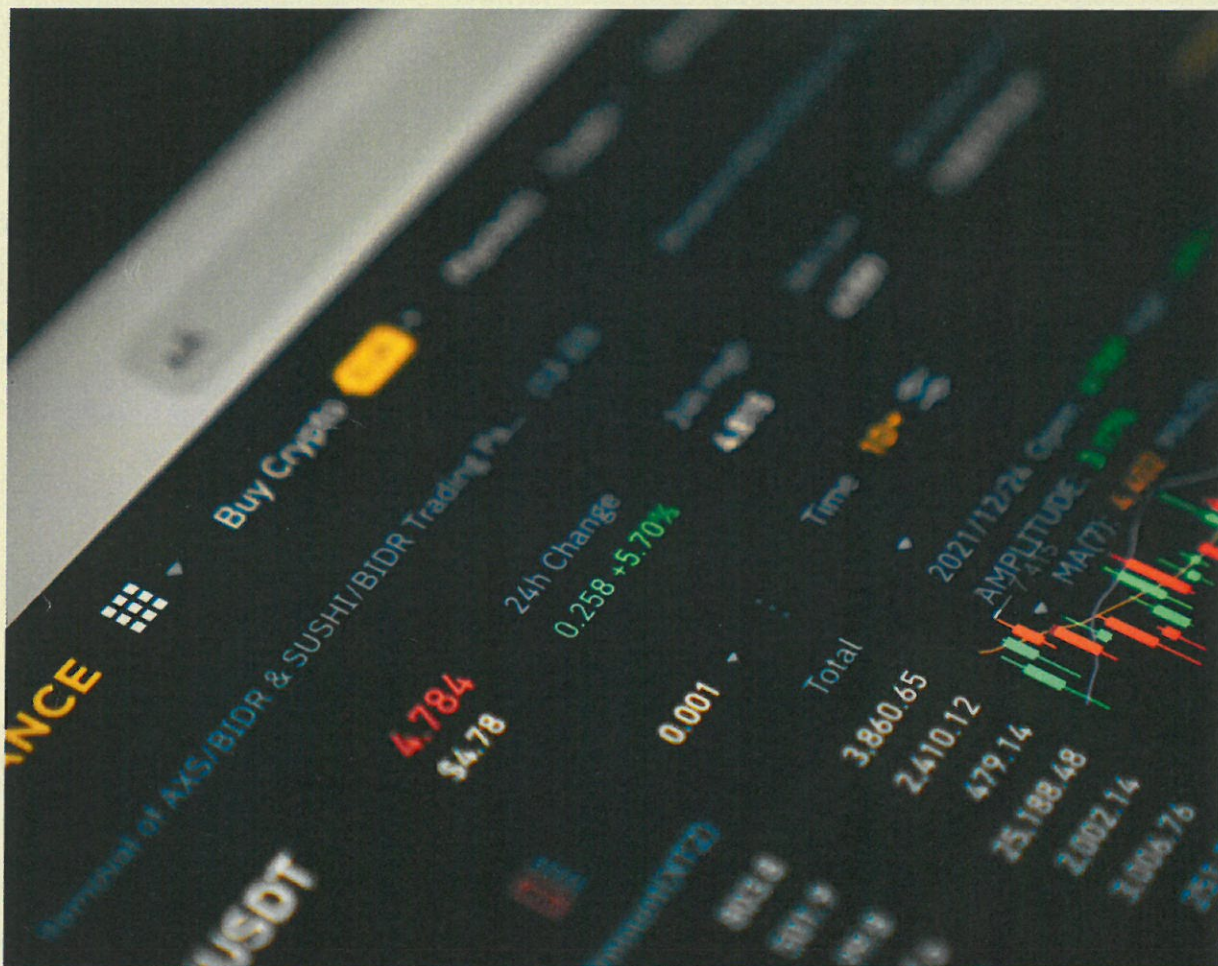
12. FINANCIAL STATEMENTS

2023



Postgraduate Institute Of Science

University Of Peradeniya



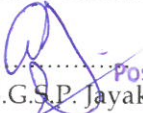
FINANCIAL STATEMENTS 2023

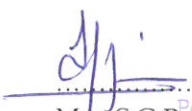
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POSTGRADUATE INSTITUTE OF SCIENCE
STATEMENT OF FINANCIAL POSITION
AS AT 31ST DECEMBER 2023

	Note	As at 31/12/2023	Restated As at 31/12/2022
Current assets			
Cash & cash equivalents	1	17,694,223	17,348,015
Investments	2	681,161,373	673,899,545
Receivables & deposit	3	78,841,617	57,764,641
Loans & advances to staff	4	1,195,193	1,293,417
Inventories	5	5,012,586	4,537,466
Total current assets		783,904,992	754,843,084
Non current assets			
Loans & advances to staff	4	3,089,714	2,927,718
Financial misappropriation - (2008-2016)		50,119,123	50,119,123
Intangible assets	6	755,232	1,097,737
Property, plant & equipment	7	358,119,353	356,542,046
Total non current assets		412,083,422	410,686,624
Total assets		1,195,988,414	1,165,529,708
LIABILITIES			
Current liabilities			
Accrued expenses	8	24,639,509	16,720,852
Other payables	9	7,715,257	19,167,008
Refundable deposits	10	6,484,512	7,146,433
Deferred income		9,980,892	5,871,946
Provisions	11	625,250	12,012,191
Total current liabilities		49,445,420	60,918,431
Non current liabilities			
Provision for gratuity	12	7,791,951	7,204,069
Funds	13	9,669,126	4,434,029
Refundable deposits	10	2,353,500	2,365,500
Total non current liabilities		19,814,577	14,003,598
TOTAL LIABILITIES		69,259,997	74,922,028
NET ASSETS		1,126,728,417	1,090,607,680
EQUITY			
General reserves		967,212,281	953,064,190
Restricted funds	14	9,658,424	5,600,584
Capital grant		-	10,285,661
Revaluation reserve		149,857,712	121,657,245
TOTAL EQUITY		1,126,728,417	1,090,607,680

These financial statements are in compliance with the requirements of the Universities Act, No. 16 of 1978 and other statutory provisions.


Deputy Bursar
Postgraduate Institute of Science
University of Peradeniya
Peradeniya - Sri Lanka.


Assistant Registrar
Postgraduate Institute of Science
University of Peradeniya
Peradeniya - Sri Lanka.

The Board of Management is responsible for the preparation and presentation of these financial statements signed for and on behalf of the Board of Management


Prof. H.M.T.G.A. Pitawala
Director/PGIS

DIRECTOR
Postgraduate Institute of Science
University of Peradeniya
Peradeniya - Sri Lanka.

The Accounting Policies and Notes on pages 6 to 13 form an integral part of these Financial Statements.
27 February 2024

POSTGRADUATE INSTITUTE OF SCIENCE
STATEMENT OF FINANCIAL PERFORMANCE
FOR THE YEAR ENDED 31st DECEMBER 2023

	Note	2023 Rs.	Restated 2022 Rs.
Revenue			
Current			
Revenue from non Exchange Transaction-Current			
Government grant (Recurrent)		-	25,998,000
Research grant income		4,712,140	8,357,040
Amortization of capital grant	15	-	9,246,373
Total Revenue from non Exchange Transaction-Current		4,712,140	43,601,413
Revenue from Exchange Transaction-Current			
Interest income	16	99,402,843	74,608,268
Internal Generated Income	17	58,973,310	83,460,290
Other Income	17.1	5,802,839	7,925,871
Exchange gain			173,097,147
Total Revenue from Exchange Transaction-Current		164,178,992	339,091,576
Total Revenue -Current		168,891,132	382,692,990
Capital			
Revenue from non Exchange Transaction-Capital		-	-
Total Revenue		168,891,132	382,692,990
Expenses			
Current			
Personal emoluments	18	54,115,023	61,611,036
Travelling	19	128,280	69,139
Supplies & consumables	20	4,440,122	3,579,368
Maintenance	21	4,313,088	3,398,294
Contractual services	22	12,568,583	7,775,161
Other expenses	23	18,552,163	20,486,980
Exchange loss		41,494,616	-
Total Expense(Non Capital)		135,611,875	96,919,979
Capital			
Depreciation	24	48,404,715	46,619,445
Amortization of intangible assets		342,504	342,504
Total Expense-Non Capital		48,747,220	46,961,949
Current surplus / deficit for the year		33,279,257	285,773,011
Capital surplus / deficit for the year		(48,747,220)	(46,961,949)
		(15,467,962)	238,811,062



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POSTGRADUATE INSTITUTE OF SCIENCE

CASH FLOW STATEMENT FOR THE YEAR ENDED 31ST DECEMBER 2023

	2023	Restated 2022
Cash flows from operating activities		
Surplus from ordinary activities	(15,467,962)	241,374,252
Non - cash movements		
Depreciation & amortization	48,747,220	46,961,949
Amortization of capital grants	-	(9,246,373)
Interest income	(99,402,843)	(74,608,268)
Increase / decrease in provision for audit fees	80,750	(295,500)
Increase / decrease in provision for gratuity	587,883	(1,619,057)
Increase / decrease in provision for security charges	-	(130,221.00)
Increase / decrease in provision for visiting lecture fees	(11,467,691)	(8,174,113)
Increase / decrease in provision for cleaning services	-	(127,890.00)
Operating surplus before the working capital changes	(76,922,643)	194,134,779
Increase / decrease receivables	4,025,358	(4,411,778)
Increase / decrease loans & advances	(63,772)	(251,145)
Increase / decrease inventories	(475,120)	(1,567,533)
Increase / decrease accrued expenses	7,918,657	11,985,844
Increase / decrease payables	(3,434,619)	2,409,316
Increase / decrease refundable deposits	(206,421)	(3,796,246)
Increase / decrease deferred income	4,108,946	(6,266,138)
Net cash flow from operating activities	(65,049,614)	192,237,099
Cash flows from investing activities		
Purchase of property, plant & equipment	(2,451,162)	(62,588,673)
Purchase of intangible assets	-	0
Investment in fixed deposits	(476,182,524)	(713,184,551)
Withdrawal of fixed deposits	468,920,696	505,864,696
Interest income	74,296,993	60,951,387
Net cash flow from investing activities	64,584,003	(208,957,141)
Cash flows from financing activities		
Government capital grants	-	-
Scholarship fund	(183,718)	(52,620)
Research grant receipts	9,898,763	2,810,858
Research grant payments	(8,903,225)	(10,679,945)
Net cash flows from financing activities	811,819	(7,921,707)
Increase / decrease in cash & cash equivalents	346,208	(24,641,750)
Cash & cash equivalent at the beginning of the year	17,348,015	41,989,765
Cash & cash equivalents at the end of the year	17,694,223	17,348,015

POSTGRADUATE INSTITUTE OF SCIENCE
STATEMENT OF COMPARISON BUDGET & ACTUAL
FOR THE YEAR ENDED 31ST DECEMBER 2023

		<u>2023 Actual</u>	<u>2023 Budget</u>
	<u>Note</u>	<u>Rs.</u>	<u>Rs.</u>
Revenue			
Government grant (recurrent)		-	-
Programme fees		51,265,751	73,500,000
Registration fees		2,230,500	4,150,000
Examination fees		1,819,450	2,750,000
Other income	17.1	5,802,839	3,725,000
Research congress income		451,739	425,000
Medical fees		37,550	80,000
Services & facilities fees		20,000	195,000
Vehicle hiring charges		975,820	850,000
Library tickets		372,000	725,000
Supervision fees		787,500	800,000
Interest income	16	99,402,843	67,650,000
Bench fees		1,013,000	1,000,000
Exchange gain/ loss			-
Amortization of capital grant	17	-	-
Research grant income		4,712,140	-
		168,891,132	155,850,000
Expenses			
Personal emoluments	18	54,115,023	75,067,000
Travelling	19	128,280	1,570,000
Supplies & consumables used	20	4,440,122	8,680,000
Maintenance	21	4,313,088	5,765,000
Contractual services	22	12,568,583	14,953,000
Other expenses	23	18,552,163	26,415,000
Depreciation & Amortization of Intangible Ass	24	48,747,220	-
Exchange Loss		41,494,616	-
		184,359,094	132,450,000
Net surplus/deficit for the year		(15,467,962)	23,400,000



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POSTGRADUATE INSTITUTE OF SCIENCE
STATEMENT OF CHANGES IN NET ASSET/EQUITY
 FOR THE YEAR ENDED 31ST DECEMBER 2023

	Capital grant	Revaluation reserve	Retained earnings	Total
Balance as at 01.01.2023	10,285,661	121,657,245	955,627,381	1,087,570,286
Adjustment of exchange gain arise from erasmus grant - retained earnings for the year 2022			(2,563,190)	(2,563,190)
Restated balance as at 01.01.2023	10,285,661	121,657,245	953,064,190	1,085,007,096
Surplus/ deficit for the period	-	-	(15,467,962)	(15,467,962)
Revaluation gain as at 01.01.2023	-	47,530,859	-	47,530,859
Transfer to general reserve (remaining balance of capital grant as at 01.01.2023 on revaluation)	(10,285,661)	-	10,285,661	-
Transfer to general reserve (remaining balance of revaluation reserve as at 01.01.2023)	-	(19,330,393)	19,330,393	-
Balance as at 31 December 2023	-	149,857,712	967,212,281	1,117,069,993



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 University of Peradeniya
 Peradeniya - Sri Lanka.

NOTES TO THE FINANCIAL STATEMENTS

1. General information

1.1 Reporting entity

The Postgraduate Institute of Science (PGIS) was established in 1996 by an ordinance made by the University Grants Commission under section 18 with section 24 of the Universities Act, No. 16 of 1978.

1.2 Principal activities and nature of operations

The purpose of the PGIS is providing, promoting and developing higher education in science. The principle objective of the Institute is to provide postgraduate instructions and training and facilitate research in different disciplines of science.

1.3 Going concern

The Financial Statements have been prepared on a going concern basis. The Board of Management of the Institute has assessed the ability to continue as a going concern and has a reasonable expectation that the Institute has adequate resources to continue in operation for the foreseeable future. The Board of Management does not foresee a need for liquidation or cessation of operations, taking into account all available information about the future. Therefore, the Institute continues to adopt the going concern basis in preparing the financial statements.

1.4 Reporting period

The financial period of the Institute represents a twelve-month period from 1st January 2023 to 31st December 2023.

1.5 Basis of preparation of financial statements

1.5.1 Statement of compliance

The Financial Statements comprise the Statement of Financial Position, Statement of Financial Performance, Statement of Changes in Equity, Cash Flow Statement, Notes to the financial statements and Statement of comparison of budget and actual amounts.

The Financial Statements of the PGIS are prepared in conformity with Sri Lanka Public Sector Accounting Standards (SLPSAS) and relevant Sri Lanka Accounting Standards (SLAS). All accounting policies adopted by the PGIS are applied consistently with those of the previous year. Change in accounting policies have been disclosed separately.

1.5.2 Basis of measurement

The Financial Statements of PGIS have been on accrual basis and under the historical cost convention except where appropriate disclosures are made under relevant notes.

1.5.3 Comparative information

Comparative information including quantitative, narrative and descriptive information is disclosed in respect of the previous period for all amounts reported in the financial statements, in order to

enhance the understanding of the financial statements of the current period and to improve comparability. Where necessary, comparative figures have been rearranged to conform to the current year's presentation.

1.5.4 Approval of financial statements

The Financial Statements of the PGIS were authorized for issue by the Board of Management of the Institute at its 177th meeting held on 24th February 2024.

1.5.5 Materiality and aggregation

Each material class of similar items is presented separately in the financial statements. Items of a dissimilar nature or function are presented separately, unless they are immaterial.

1.5.6 Functional and presentation currency

The Financial Statements are presented in Sri Lankan Rupees, which is the Institute's functional and presentation currency. All financial information presented in Sri Lankan Rupees have been rounded to the nearest thousand, unless stated otherwise.

1.5.7 Offsetting

Assets & liabilities and income and expense accounts have not been offset unless required by or permitted by SLPSAS.

1.6 Significant accounting estimates and judgements

The preparation and presentation of financial statements, in conformity with SLPSAS, requires Management to make judgments, estimates and assumptions that affect the application of accounting policies and reported amounts of assets, liabilities, income and expenses. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised, if the revision affects only that period or in the period of the revision and future periods if the revision affects both current and future periods. Information about significant areas of estimates, uncertainty and critical judgments in applying accounting policies that have the most significant effects on the amounts recognised in the financial statements is as follows.

Any changes in accounting estimates and critical judgements are disclosed in the relevant notes to the financial statements.

2. Summary of significant accounting policies

2.1 Assets and the basis of their valuation

2.1.1 Property, plant & equipment (PPE)

Lands, Buildings, Laboratory and Teaching Equipment, Furniture & Fittings, Library Books and Periodicals, Motor Vehicles, and Other Assets acquired out of government grants, internally generated funds and donations are shown under PPE.



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a) Basis of recognition and measurement

PPE are recognized, if it is probable that future economic benefits associated with the item will flow to the entity and the cost of the items can be measured reliably. PPE are recorded at cost/revaluation less accumulated depreciation. The cost of PPE is the cost of purchase or construction together with any incidental capital expenses there on.

An item of PPE that qualifies for recognition as an asset is initially measured at its cost. Cost includes expenditure that is directly attributable to the acquisition of the asset and subsequent costs. The cost of self-constructed assets includes the cost of materials, direct labour, any other costs directly attributable to bringing the asset to a working condition for its intended use, the costs of dismantling and removing the items and restoring the site on which they are located. Purchased software which is integral to the functionality of the related equipment is capitalized as part of that equipment. The cost of Property, Plant and Equipment comprises its purchase or construction cost and any directly attributable cost of bringing the assets working condition for its intended use.

The Institute adopts the revaluation model for the entire class of PPE after initial recognition at cost. If the carrying amount of a class of assets is increased as a result of a revaluation, the increase has been directly credited to revaluation surplus.

All buildings and motor vehicles belonging to the Institute were revalued as at 01st January 2022 by the Department of Valuation and other categories of assets except Laboratory and Teaching Equipment and Office Equipment were re-valued by internally appointed committees and respective adjustments resulting from the above revaluations have been made in the financial statements of the Institute in accordance with the SLPSAS 07. The categories of Laboratory & Teaching Equipment and Office Equipment with a total cost of Rs. 287,584,445.44 as at 01.01.2023 were revalued by internally appointed committees for a value of Rs. 157,951,850.00 and a total revaluation gain of Rs. 47,530,859.00 has been recognized through the statement of changes in equity.

b) Subsequent expenditure on PPE

Expenditure incurred on tangible fixed assets are charged to the Statement of Financial Performance in the period it is incurred, unless it meets one or the following criteria, in which case it is capitalized and depreciated on the relevant basis.

- Fair value of fixed assets has subsequently increased.
- Capacity of the asset increases.
- Sustainable improvement in the quality of output or reduction in operating cost.
- Significant extension of the asset useful lifetime beyond that confirmed by repair and maintenance.

c) Depreciation

Depreciation is recognized in the Statement of Financial Performance on a Straight-Line method over the estimated useful life time of PPE from the date that they were made available for use. Lands are not depreciated.

c) Recurrent grants

Revenue from recurrent grants is recognized in the period in which grant is received.

d) Research grants income & expenditure

Where grants/donations are received for use in an identified project or activity, such funds are held in a restricted fund account and transferred to the statement of financial performance to match with the expenses incurred in respect to that identified project. Unutilized funds are held in their respective fund accounts and included in the Statement of Financial Position until such time they are required for the intended project/grant activities. Accordingly, an amount of Rs. 4,712,140.00 has been recognized as research grants income in the statement of financial performance.

e) Other income

Other income are recognized on accrual basis.

f) Income from workshops, short courses, seminars etc

The administrative charge from Workshops, Short courses and Seminars are classied under the miscellaneous income.

3.2 Recognition of expenditure in the statement of financial performance

Expenditure has been recognized on accrual basis and charged to the revenue in ascertaining the income over expenditure.

4. Related party transactions

Postgraduate Institute of Science is an affiliated Institute to the University of Peradeniya. Senate of the University acts as the academic body of PGIS. Dean of the Faculty of Science serving as a member of the Council is also serving as an ex-officio member of the Board of Management. The lands on which the buildings of the PGIS have been constructed belong to the University and no rental is charged. Water, electricity and other essential facilities are provided by the University on chargeable basis and a separate account is maintained for the purpose of accounting.

5. Cash flow statement

The cash flow statement has been prepared using the "Indirect Method" in accordance with the Sri Lanka public sector Accounting Standards 2 (SLPSAS 2) where the gross cash receipts and gross cash payments of operating activities, financing activities and investing activities have been recognized. Cash & cash equivalents are comprised cash & bank balances, short term deposits.


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<u>Cash & cash equivalents</u>	Note	2023 Rs.	2022 Rs.
	1		
Cash at bank (A/C 0001273990)		2,875,967	879,062
Cash at bank (A/C 0001274002)		518,491	1,227,888
Cash at bank (A/C 057100191338034)		171,443	355,726
Cash at bank (A/C 81041788)		1,307,153	12,940,007
Savings A/C US \$ 2233593		7,868,108	1,087,391
Saving A/C- BOC-84023069		4,218,228	212,229
Saving A/C- 057-2-001-5-0031385		734,833	645,712
		17,694,223	17,348,015

<u>Investments</u>	2		
Fixed deposits at BOC		111,651,287	133,801,609
Fixed deposits at NSB		184,363,430	134,639,876
Fixed deposits in US \$ at BOC		358,769,520	381,668,440
Fixed deposits at People's Bank		26,377,137	23,789,621
		681,161,373	673,899,545

<u>Receivables & deposits</u>	3		
Receivable-programme fees		30,240,000	34,589,400
Accrued interest		47,572,702	22,467,868
Vehicle hiring charges		71,808	41,219
Prepayments		705,895	447,441
Receivable - deposits		-	2,500
Sundry debtors		66,213	66,213
Deposits for services		150,000	150,000
Miscellaneous Advance		35,000	
		78,841,617	57,764,641

			2023 Rs.	2022 Rs.
<u>Loans & advances to staff</u>	Note			
	4			
	Current	Non current	Total	Total
Distress loan	900,072	2,746,630	3,646,702	3,586,924
Computer loan	78,500	124,500	203,000	188,500
Vehicle loan	197,371	206,004	403,375	410,691
Staff loan	19,250	12,580	31,830	35,020
	1,195,193	3,089,714	4,284,907	4,221,135

<u>Inventories</u>	5		
Stationery		4,019,380	3,482,780
Chemicals		993,206	1,054,686
		5,012,586	4,537,466

<u>Intangible assets</u>	6		
Computer Software			
Cost:			
Opening balance		1,712,522	1,712,522
Additions		-	-
Balance as at end of		1,712,522	1,712,522
<u>Accumulated amortization</u>			
Opening balance		614,786	272,281
Amortization charge		342,504	342,504
Balance as at end of		957,290	614,785
<u>Net book value</u>		755,232	1,097,737

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(Note 7)

Property, plant & equipment

	Rs.							
	Buildings	Telephone	Laboratory & teaching equip.	Library books	Motor vehicle	Office equipment	Sport goods	Total
Cost								
Opening balance as at 1 st January 2023	240,350,000	153,000	251,150,657	5,028,770	17,000,000	36,433,788	34,800	550,151,015
Adjustments/disposals/donation			(251,150,657)			(36,433,788)		(287,584,445)
Revalued amount as at 1st January 2023			147,828,200			10,123,650		157,951,850
During the year additions	-	5,490	624,250	142,302		1,679,120	-	2,451,162
Closing Balance as at 31st Dec. 2023	240,350,000	158,490	148,452,450	5,171,072	17,000,000	11,802,770	34,800	422,969,582
Less: Depreciation								
Opening balance as at 1 st January 2023	12,017,500	15,300	152,285,181	1,005,754	3,400,000	24,878,274	6,960	193,608,969
Adjustments/disposals/donation			(152,285,181)			(24,878,274)		(177,163,455)
During the year additions	12,017,500	15,539	29,683,537	1,005,988	3,400,000	2,271,711	10,440	48,404,715
Accumulated depreciation as at 31st December 2023	24,035,000	30,839	29,683,537	2,011,742	6,800,000	2,271,711	17,400	64,850,229
Net book value as at 31st December 2023	216,315,000	127,651	118,768,913	3,159,330	10,200,000	9,531,059	17,400	358,119,353



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	Notes	2023 Rs.	2022 Rs.
Accrued expenses	8		
Accrued expenses - recurrent		24,497,207	15,020,852
Accrued expenses - capital		142,302	1,700,000
		24,639,509	16,720,852
Payables	9		
Stamp duty payables		11,025	12,800
Paye tax payables		356,955	300,336
Other payables-boards of study	9.1	1,824,438	1,688,596
Other payables-short courses & workshops	9.2	4,158,711	15,803,257
Security bonds		18,698	16,589
Retention Money		1,345,430	1,345,430
		7,715,257	19,167,008
Other payable-boards of study	9.1		
Board of study in chemical sciences		74,700	74,700
Board of study in earth sciences		1,484,933	1,418,836
Board of study in enviromental sciences		1,625	1,625
Board of study in physics		11,740	11,740
Board of study in plant sciences		4,346	4,346
Board of study in science education		99,537	99,537
Board of study in zoological sciences		48,957	60,212
Board of study in biomedical sciences		98,600	17,600
		1,824,438	1,688,596

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Other Payables-short courses,workshops & others 9.2

Advance certificate course in org.chemistry	560,222	200,222
24 th Advance S/C on GIS	-	692,830
S/C on ICTA	-	2,237,004
DMC training programme	-	570,450
112 th S/C on GIS & application	-	401,362
Curriculum dev.In data science	-	5,883,245
Atlas water bottled project	-	45,000
ICMME-2021	19,995	79,995
Consultancy project-GSMB	439,840	784,425
W/S on value added product	-	127,875
125 th S/C on GIS & its application	340,742	340,742
W/S on neuro science - 2022	39,585	53,585
Consultancy project-Mahaweli Authority	59,060	59,060
International conference on SE-2022	-	49,205
128th S/C GIS & application	803,907	4,278,257
Japanese Green Youth Project	602,275	
Advance certificate course in Biomedical Science	169,075	
Pathogen Genomics Symposium-2023	61,000	
S/C in Bioinformatics	997,000	
W/S on PCPREE	66,010	
	<u>4,158,711</u>	<u>15,803,257</u>



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			2023 Rs.	2022 Rs.
	Notes 10			
Deposits	Current	Non current	Total	
Library deposits	3,458,000	1,230,000	4,688,000	5,080,000
Science deposits	2,830,500	1,123,500	3,954,000	4,235,000
Other deposits	196,012	-	196,012	196,933
	6,484,512	2,353,500	8,838,012	9,511,933

Provisions

	11		
Provision for audit fees		625,250	544,500
Provision for lecture fees		-	11,467,691
		625,250	12,012,191

12

Retiring gratiuty

Balance as at 1 st January		7,204,069	8,823,126
Charge for the year	12.1	1,893,695	2,873,613
		9,097,763	11,696,740
Payments made during the year		(1,305,812)	(4,492,671)
Balance as at end of December		7,791,951	7,204,069

Charge for the Year

	12.1		
Past service cost		119,538	370,063
Interest cost		1,296,732	1,014,660
Current service cost		477,424	469,624
Net actuarial (gain)/loss recognised immediately		-	1,019,266
Expenses recogniezed in the income statetment		1,893,695	2,873,613

Funds

	13		
Scholarship fund-amarasinghe		1,542,907	1,358,409
Research & scholarship funds		1,188,367	219,080
Workshop & event fund		6,937,852	2,856,541
		9,669,126	4,434,029



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Restricted funds

Note

2023

2022

G. No.	Grantee Name	Grant Name	14	Rs.	Rs.
6225	Prof.H.M.D.N.Priyantha	Collaborative research	-	-	215,755
6242	Prof.H.M.T.G.A.Pitawala	Value addition to SL laterites	50,140	50,140	67,250
6279	Prof.H.M.S.P.Madawala	Biodiversity secretariat grant	-	-	50,726
6282	Prof.A.Pitawala	NRC grant AB 19-004	-	-	523,540
6287	Dr NPS Kumburegama	03/05/BD/19/011/2019-06	-	-	146,621
6288	Ms.M.M.K Galabadage	NSF/SCH/2019/09	-	-	235,815
6290	Prof.R S Rajakaruna	BCG conservation grant	-	-	50,238
6291	Dr.G.P.G.Manthilake	Lankan zirocon grant	-	-	106,250
6292	Prof: D Yakandawala	AustriaP 33148 B	639,563	639,563	870,861
6293	Dr.T.M.W.J Bandara	PGIS/2020/05	113,476	113,476	537,000
6294	Dr.H.A.C.K.Ariyaratne	PGIS/2020/23	86,421	86,421	86,421
6295	Dr.B.M.K.Pemasiri	PGIS/2020/10	259,445	259,445	391,365
6296	DR T.H.K.R. De Silva	PGIS/2020/04	122,700	122,700	122,700
6297	DR.W.R.P.Wijesinghe	PGIS/2020/17	15,639	15,639	15,639
6298	Prof.U.A.J.Pinidiyaarchchi	PGIS/2020/06	118,100	118,100	118,100
6299	Dr.N.W.B.Balasuriya	PGIS/2020/18	394,900	394,900	394,900
6300	Dr.T.C Weeraratne	PGIS/2020/12	-	-	418,150
6301	Prof.D.M.D.Yakandawala	PGIS/2020/21	116,550	116,550	92,327
6302	Dr P.L Dharmapriya	PGIS/2020/03	21,155	21,155	21,155
6303	Prof.W.B.Daundasekara	PGIS/2020/24	100,000	100,000	100,000
6304	Prof.K.B.Ranawana	PGIS/2020/22	1,433	1,433	174,933
6305	Prof..K.M.G.G.Jayasuriya	Madugaga ramzar	-	-	160,839
6306	Prof.S.H.P.P.Karunaratne	URC grant -280	300,000	300,000	300,000
6307	Dr V.Sivakumar	URC grant -265	-	-	400,000
6313	Prof.Bandara	Swedish Research Council	780,503	780,503	
6317	Prof.D.M.D.Yakandawala	Conservation of Water Trumpet	6,538,400	6,538,400	
				9,658,424	5,600,584



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	Notes	2023 Rs.	2022 Rs.
<u>Amortization of capital grant</u>	15		
Lab & teaching equipment			6,423,238
Office equipment			2,823,135
		-	9,246,373
<u>Interest income</u>	16		
Fixed deposit interest		99,151,016	73,632,525
RFC interest		68,426	523,691
Staff loan interest		177,401	169,155
Savings interest		6,000	282,898
		99,402,843	74,608,268
<u>Generated Income</u>	17		
Programme fees		51,265,751	73,614,056
Registration fees		2,230,500	3,904,000
Examination fees		1,819,450	2,397,800
Research congress income		451,739	238,459
Medical fees		37,550	66,000
Services & facilities fees		20,000	60,000
Vehicle hiring charges		975,820	217,475
Library tickets		372,000	646,500
Supervision fees		787,500	1,101,000
Bench fees		1,013,000	1,215,000
		58,973,310	83,460,290
<u>Other income</u>	17.1		
Printing income		78,868	72,673
Administration charges		614,440	758,435
Certificate fees		1,136,990	193,870
Rooftop Reservation Income		107,000	-
Application processing fees		724,000	1,256,000
XRD analysis income		334,500	1,021,750
XRF analysis income		509,500	345,000
Other income		2,297,542	4,278,144
		5,802,839	7,925,871



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Personal emoluments

Personal emoluments (Academic)

18

Salaries and wages	3,806,825	2,699,613
University provident fund	794,893	849,012
Academic EPF	80,178	
Pension fund	-	64,641
Employee Trust Fund	179,575	182,730
Academic allowance	4,189,357	3,592,110
Other allowances	259,836	264,137
Additional allowance - 20%	348,060	418,087
Cost of living	272,811	198,523
Research allowance	609,105	731,653
Academic monthly allowance	118,750	135,968
Visiting lecture fees	9,569,147	17,731,684
	<u>20,228,538</u>	<u>26,868,158</u>

Personal emoluments (non academic)

18

Salaries and wages	13,217,420	12,817,639
University Provident Fund	1,506,702	1,525,129
Pension fund	1,588,121	1,610,239
Employee Trust Fund	625,989	627,074
Overtime	1,776,495	1,647,917
Holiday payments	198,338	189,842
Other allowances	91,981	101,400
Monthly Compensation Allowance - MCA	5,518,215	5,770,391
Gratuity	1,893,695	2,873,613
Research allowance	363,888	380,328
Additional allowance - 20%	2,452,540	2,564,618
Cost of living	2,223,899	2,309,840
Monthly allowance	1,425,576	1,480,667
Acting pay	-	107,850
EPF	28,095	
Staff benefits	140,281	117,832
	<u>33,051,234</u>	<u>34,124,379</u>



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Personal emoluments (casual)	18		
Casual wages		835,250	618,500
		835,250	618,500
Travelling and subsistence	19		
Travelling expenses (domestic)		128,280	69,139
		128,280	69,139
Supplies	20		
Stationery & office requisites		1,667,408	1,041,036
Fuel & lubricants		1,684,675	954,775
Uniform & tailoring		-	103,463
Mechanical & electrical		538,807	824,071
Chemicals & glassware		549,233	656,024
		4,440,122	3,579,368
Maintenance	21		
Vehicles		1,398,796	730,746
Plant, machinery & equipment		2,721,877	2,413,554
Buildings & structure		192,415	253,994
		4,313,088	3,398,294
Contractual services	22		
Telecommunications		6,849,440	2,551,248
Postal charges		363,510	237,180
Electricity		2,341,536	1,593,974
Security services		1,092,141	1,561,354
Water charges		164,693	22,734
Cleaning services		1,757,264	1,808,671
		12,568,583	7,775,161
Other recurrent expenditure	23		
Printing and advertising		617,368	543,688
Audit fees		650,000	619,500
Special services, councils & committees		1,096,026	1,602,646
Special services, professional & others		18,995	77,525
Workshops & seminars		280,508	680,636
Staff development		10,000	65,625
Holiday warrants		91,825	30,750
Bank charges		326,705	331,273
Awards & indemnities		400,000	1,500,000
Examination expenses		2,856,740	3,944,088
Other expenses		735,055	1,091,246
Staff welfare		439,825	319,217
Legal & documentation charges		852,270	177,665
Academic Research		311,800	
PGIS research congress		804,171	987,956
Stamp duty expense		20,150	26,125
University insurance scheme		135,000	132,000
Research grant expenditure		8,903,225	8,357,040
Losses & Write-off		2,500	
		18,552,163	20,486,980
Depreciation	24		
Buildings		12,017,500	12,017,500
Telephone		15,539	15,300
Lab & teaching equipment		29,683,537	25,047,554
Books and periodicals		1,005,988	1,005,754
Office equipment		2,271,711	5,126,376
Motor vehicles		3,400,000	3,400,000
Sports goods		10,440	6,960
		48,404,715	46,619,445
		142,521,974	143,881,928

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POSTGRADUATE INSTITUTE OF SCIENCE
TRAIL BALANCE AS AT DECEMBER 2023

ACCOUNT CODE	ACCOUNT NAME	DR AMOUNT (RS.)	CR AMOUNT (RS.)
00001	CASH BOOK A/C 0001273990	2,875,967	
00002	CASH BOOK A/C 0001274002	518,491	
00003	CASH BOOK A/C 057100191338034	171,443	
00007	CASH BOOK A/C NO 81041788	1,307,153	
05000	RFC A/C 2233593	7,868,108	
10320	SAVING-BOC NO: 84023069	4,218,228	
10310	SAVING-P.AMARASINGHE SCH.FUND	734,833	
10100	FIXED DEPOSIT-BOC BANK	111,651,287	
10500	FIXED DEPOSIT-NSB BANK	184,363,430	
10110	FIXED DEPOSIT-BOC-RFC	358,769,520	
10200	FIXED DEPOSIT-PEOPLES BANK	26,377,137	
03200	RECEIVABLE PROGRAMME FEE	30,240,000	
03000	ACCRUDE INCOME	47,572,702	
03100	RECEIVABLE - VEHICLE HIRING CHARGES	71,808	
01006	PREPAYMENTS	705,895	
01001	SUNDRY DEBTORS	66,213	
04000	DEPOSIT FOR SERVICES - FUEL	150,000	
02002	COMPUTER LOAN	203,000	
02000	DISTRESS LOAN	3,646,702	
01002	MISCELLANEOUS ADVANCE	35,000	
02003	STAFF LOAN	31,830	
02004	VEHICLE LOAN	403,375	
01004	STOCK AS AT 31ST DECEMBER 2023	5,012,586	
10003	LAB & TEACHING EQUIPMENTS	148,452,450	
10005	MOTOR VEHICLES	17,000,000	
10004	LIBRARY BOOKS AND PERIODICALS	5,171,072	
10002	TELEPHONE	158,490	
10006	OFFICE FURNITURE EQUIPMENTS	11,802,770	
10000	BUILDING	240,350,000	
01011	SPORTS GOODS	34,800	
10040	SOFTWARE	1,712,522	
10095	FINANCIAL MISAPPROPRIATION A/C	50,119,123	
30300	ACCRUED EXPENDITURE		24,497,207
31950	STAMP DUTY PAYABLES		11,025
31954	PAYEE TAX PAYABLES		356,955
23020	BOARDS OF STUDY CHEMICAL SCIENCE		74,700
23030	BOARDS OF STUDY EARTH SCIENCE		1,484,933
23040	BOARDS OF STUDY ENVIRONMENTAL SCIENCE		1,625
23060	BOARDS OF STUDY PHYSICS		11,740
23070	BOARDS OF STUDY PLANT SCIENCE		4,346
23080	BOARDS OF STUDY SCIENCE EDUCATION		99,537

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ACCOUNT CODE	ACCOUNT NAME	DR AMOUNT (RS.)	CR AMOUNT (RS.)
23100	BOARDS OF STUDY ZOOLOGICAL SCIENCE		48,957
23112	BOARD OF STUDY-BIOMEDICAL SCIENCE		98,600
31520	ADVANCE CERTIFICATE COURSE IN ORGANIC CHEMISTRY		560,222
32147	ICMME-2021		19,995
32141	CONSULTANCY PROJECT-GSMB TECHNICAL SERVICE		439,840
32144	125TH S/C ON GIS & ITS APPLICATION		340,742
32148	W/S ON NEURO SCIENCE-2022		39,585
32150	CUNSLTANCY PROJECT-MAHAWELI AUTHORITY		59,060
32152	128TH S/C ON GIS & APPLICATION		803,907
23110	5% RETENTION ON CAPITAL WORKS		1,345,430
32155	ADVANCE CERTIFICATE COURSE IN BIOMEDICAL SCIENCE		169,075
30100	DEPOSITS		196,012
23200	DIFFERED INCOME		9,980,892
32156	JAPANESE GREEN YOUTH PROJECT		602,275
30004	LIBRARY DEPOSIT		4,688,000
32160	PATHOGEN GENOMICS SYMPOSIUM-2023		61,000
32082	PROF.P AMARASINGHE SCHOLARSHIP FUND		1,542,907
32158	S/C ON BIOINFORMATICS		997,000
30005	SCIENCE DEPOSIT		3,954,000
30200	SECURITY BOND		18,698
32159	W/S ON RCPREE PHOTOELEC-MA		66,010
30700	SUNDRY CREDITORS		142,302
35720	PROVISION FOR GRATUITY		7,791,951
35700	PROVISION FOR AUDIT FEES		625,250
35000	PROVISION FOR DEPRECIATION -BUILDING		24,035,000
35200	PROVISION FOR DEPRECIATION -LAB & TEACHING		29,683,537
35300	PROVISION FOR DEPRECIATION -LIBRARY BOOKS		2,011,742
35500	PROVISION FOR DEPRECIATION -OFFICE EQUIPMENT		2,271,711
35600	PROVISION FOR DEPRECIATION -TELEPHONE		30,839
35400	PROVISION FOR DEPRECIATION -MOTOR VEHICLES		6,800,000
35650	PROVISION FOR DEPRECIATION-SOFTWARE		957,290
35652	PROVISION FOR DEPRECIATION-SPORT GOODS		17,400

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ACCOUNT CODE	ACCOUNT NAME	DR AMOUNT (RS.)	CR AMOUNT (RS.)
6292	AUSTRIA-PROF: D YAKANDAWALA		639,563
6293	PGIS/2020/05-DR.T.M.W.J BANDARA		113,476
6294	PGIS/2020/23		86,421
6295	PGIS/2020/10		259,445
6296	PGIS/2020/04-DR T H K R DE SILVA		122,700
6297	PGIS/2020/17-DR W R.P WIJASINGHE		15,639
6298	PGIS/2020/06 - PROF.PINIDIYAARCHCHI		118,100
6299	PGIS/2020/18-DR.N.W.B.BALASURIYA		394,900
6301	PGIS/2020/21 - PROF.D.M.D.YAKANDAWALA		116,550
6302	PGIS/2020/03 - DR P.L DHARMAPRIYA		21,155
6303	PGIS/2020/24 - PROD.W.B.DAUNDASEKARAE		100,000
6304	PGIS/2020/22 - PROF.K.D.RANAWANA		1,433
6306	URC 280 - PROF.S.H.P.P.KARUNARATNE		300,000
6317	CONSERVATION OF WATER-TRUMPET IN SL - PROF D YAKANDAWALA		6,538,400
6242	MELSIRIPURA GRANT		50,140
6313	MNPEA 02/2019-PROF BANDARA T M W J		780,503
20000	GENERAL RESERVES		982,680,244
20500	RESEARCH & SCHOLARSHIP FUNDS		1,188,367
20600	WORKSHOPS & SHORT COURSE FUND		6,937,852
21500	REVALUATION RESERVE		149,857,712
84101	ACA-SALARIES & WAGES	3,806,825	
84102	ACA-U.P.F	794,893	
84104	ACA-E.T. F	179,575	
84108	ACA-ACADEMIC ALLOWANCES	4,189,357	
84110	ACA-OTHER ALLOWANCE	259,836	
84112	ACA-ADDITIONAL ALL. 20%	348,060	
84214	GRATUITY	1,893,695	
84120	ACA-COL	272,811	
80905	ACADEMIC RESERCH ALLOWANCE	311,800	
84121	ACA-RESEARCH ALLOWANCE 25%	609,105	
84113	ACA-MONTHLY ALLOWANCE	118,750	
84123	ACA-EPF	80,178	
80916	VISITING LECTURE FESS	9,143,628	
84201	NON-ACA-SALARIES	13,217,420	
84202	NON-ACA U.P.F	1,506,702	
84203	NON- ACA PENTION	1,588,121	
84204	NON-ACA E.T.F	625,989	
84208	NON-OVER TIME	1,776,495	
84209	NON-HOLIDAY PAYMENTS	198,338	
84210	NON-OTHER ALLOWANCE	91,981	
84212	NON-ACA-MCA 20%	5,518,215	

POSTGRADUATE INSTITUTE OF SCIENCE
TRAIL BALANCE AS AT DECEMBER 2023

ACCOUNT CODE	ACCOUNT NAME	DR AMOUNT (RS.)	CR AMOUNT (RS.)
84217	NON-ADDITIONAL ALLOWANCE	2,452,540	
84220	NON-COL	2,223,899	
84222	NON ACA-MONTHLY ALLOWANCE	1,425,576	
84221	NON-STAFF BENEFIT	140,281	
84249	CASUAL WAGES	835,250	
80501	TRAVELING EXPENSES (DOMESTIC)	128,280	
80601	STATIONARY & OFFICE REQUISITES	1,667,408	
80602	FUEL & LUBRICANT	1,684,675	
80604	MECHANICAL & ELECTRICAL	538,807	
80605	CHEMICAL & GLASSWARE	549,233	
80701	VEHICLES	1,398,796	
80702	PLANT, MACHINERY & EQUIPMENTS	2,721,877	
80703	BUILDING & STRUCTURE	192,415	
80802	TELECOMMUNICATION	6,849,440	
80803	POSTAL CHARGES	363,510	
80804	ELECTRICITY	2,341,536	
80806	WATER CHARGES	164,693	
80807	CLEANING SERVICES	1,757,264	
80810	PRINTING AND ADVERTISING	617,368	
80811	AUDIT FEE	650,000	
80902	SPECIAL SERVICES COUNCIL & COMMIT.	1,096,026	
80903	SPECIAL SERVICES PROFESSIONAL & OTHER	18,995	
80904	WORKSHOPS & SEMINARS	280,508	
80906	STAFF DEVELOPMENT	10,000	
80910	BANK CHARGES	326,705	
80911	AWARDS & INDEMNITIES	400,000	
80914	EXAMINATION EXPENSES	2,856,740	
80930	STAFF WELFARE	439,825	
80812	LEGAL & DOCUMENTATION CHARGES	852,270	
80908	HOLIDAY WARRANT & SEASON	91,825	
80935	PGIS RESERCH CONGRESS	804,171	
90275	STAMP DUTY EXPENSE	20,150	
80926	UNIVERSITY INSURANCE SCHEME	135,000	
80941	RESEARCH GRANT EXPENDITURE	8,903,225	
80950	DEPRECIATION - BUILDING	12,017,500	
80951	DEPRECIATION - TELEPHONE	15,539	
80953	DEPRECIATION - LAB & TEACHING EQUIPMENT	29,683,537	
80954	DEPRECIATION - LIBRARY BOOKS AND PERIODICALS	1,005,988	
80955	DEPRECIATION - OFFICE EQUIPMENTS	2,271,711	
80956	DEPRECIATION - MOTOR VEHICLES	3,400,000	
80958	DEPRECIATION-SPORT GOODS	10,440	
80957	DEPRECITION-SOFTWARE	342,504	

POSTGRADUATE INSTITUTE OF SCIENCE
TRAIL BALANCE AS AT DECEMBER 2023

ACCOUNT CODE	ACCOUNT NAME	DR AMOUNT (RS.)	CR AMOUNT (RS.)
80920	FIELD VISIT EXPENSES	425,520	
80915	OTHER-NEWSPAPER	735,055	
80805	SECURITY SERVICES	1,092,141	
84216	NON-ACA-RESEARCH ALLOWANCES	363,888	
84205	NON-EPF	28,095	
80945	LOSS & WRIT-OFF	2,500	
70071	PRINTING INCOME		78,868
70072	ADMINISTRATION CHARGES		614,440
70073	CERTIFICATE FEE		1,136,990
70075	APPLICATION PROCESSING FEE		724,000
70077	XRD ANALYSIS INCOME		334,500
70078	XRF ANALYSIS CHARGES		509,500
75060	FIXED DEPOSIT INTEREST		99,151,016
75005	RFC INTEREST		68,426
75010	INTEREST INCOME FROM LOANS & ADVANCES		177,401
75000	INTEREST FROM SAVING A/C		6,000
75100	BENCH FEE		1,013,000
70010	EXAMINATION FESS		1,819,450
70061	EXCHANGE GAIN/LOSS	41,494,616	
70250	LIBRARY TICKETS		372,000
70025	M.PHIL & PH.D TUTION FEE		635,900
70090	MEDICAL FESS		37,550
70070	MISCELLANEOUS INCOME		2,297,542
70030	REGISTRATION FESS		2,230,500
70076	RESCON INCOME		451,739
70074	ROOFTOP RESERVATION INCOME		107,000
70190	SERVICE & FACILITIES FEES		20,000
75064	SUPERVISION FEES		787,500
70020	TUTION FEES		50,629,851
70200	VEHICLE HIRING CHARGES		975,820
70100	RESEARCH GRANT INCOME		4,712,140
TOTAL		1,446,155,027	1,446,155,027

13. REPORT OF THE AUDITOR GENERAL



ජාතික විගණන කාර්යාලය

தேசிய கணக்காய்வு அலுவலகம்

NATIONAL AUDIT OFFICE



මගේ අංකය
எனது இல.
My No.

සිපිසිපි/කේට්/ඩී/පීසීඅයිඑස්/2024/04
உமது இல.
Your No.

දිනය
திகதி
Date

2024 මැයි 10 දින

අධ්‍යක්ෂ,
විද්‍යා පශ්චාත් උපාධි ආයතනය.

විද්‍යා පශ්චාත් උපාධි ආයතනයේ 2023 දෙසැම්බර් 31 දිනෙන් අවසන් වර්ෂය සඳහා වූ මූල්‍ය ප්‍රකාශන සහ වෙනත් නෛතික හා නියාමන අවශ්‍යතා පිළිබඳව 2018 අංක 19 දරන ජාතික විගණන පනතේ 12 වන වගන්තිය ප්‍රකාරව විගණකාධිපති වාර්තාව

1. මූල්‍ය ප්‍රකාශන

1.1 මතය

විද්‍යා පශ්චාත් උපාධි ආයතනයේ 2023 දෙසැම්බර් 31 දිනට මූල්‍ය තත්ත්ව ප්‍රකාශනය සහ එදිනෙන් අවසන් වර්ෂය සඳහා වූ මූල්‍ය කාර්යසාධන ප්‍රකාශනය, හිමිකම් වෙනස්වීමේ ප්‍රකාශනය සහ එදිනෙන් අවසන් වර්ෂය සඳහා මුදල් ප්‍රවාහ ප්‍රකාශනය සහ ප්‍රමාණාත්මක ගිණුම්කරණ ප්‍රතිපත්තිවලට අදාළ තොරතුරුද ඇතුළත් මූල්‍ය ප්‍රකාශනවලට අදාළ සටහන් වලින් සමන්විත 2023 දෙසැම්බර් 31 දිනෙන් අවසන් වර්ෂය සඳහා වූ මූල්‍ය ප්‍රකාශන ශ්‍රී ලංකා ප්‍රජාතාන්ත්‍රික සමාජවාදී ජනරජයේ ආණ්ඩුක්‍රම ව්‍යවස්ථාවේ 154(1) ව්‍යවස්ථාව සමඟ සංයෝජිතව කියවිය යුතු 2018 අංක 19 දරන ජාතික විගණන පනතේ සහ 1971 අංක 38 දරන මුදල් පනතේ විධිවිධාන ප්‍රකාර මාගේ විධානය යටතේ විගණනය කරන ලදී. ආණ්ඩුක්‍රම ව්‍යවස්ථාවේ 154(6) ව්‍යවස්ථාව ප්‍රකාරව මාගේ වාර්තාව යථා කාලයේදී පාර්ලිමේන්තුවේ සහාගත කරනු ලැබේ.

විද්‍යා පශ්චාත් උපාධි ආයතනයේ මූල්‍ය ප්‍රකාශන තුළින් 2023 දෙසැම්බර් 31 දිනට මූල්‍ය තත්ත්වය සහ එදිනෙන් අවසන් වර්ෂය සඳහා එහි මූල්‍ය ක්‍රියාකාරිත්වය හා මුදල් ප්‍රවාහ ශ්‍රී ලංකා රාජ්‍ය අංශයේ ගිණුම්කරණ ප්‍රමිතිවලට අනුකූලව සත්‍ය හා සාධාරණ තත්ත්වයක් පිළිබිඹු කරන බව මා දරන්නා වූ මතය වේ.

1.2 මතය සඳහා පදනම

ශ්‍රී ලංකා විගණන ප්‍රමිතිවලට (ශ්‍රී.ලං.වි.ප්‍ර) අනුකූලව මා විගණනය සිදු කරන ලදී. මෙම විගණන ප්‍රමිති යටතේ වූ මාගේ වගකීම, මෙම වාර්තාවේ මූල්‍ය ප්‍රකාශන විගණනය සම්බන්ධයෙන් විගණකගේ වගකීම යන කොටසේ තවදුරටත් විස්තර කර ඇත. මාගේ මතය සඳහා පදනමක් සැපයීම උදෙසා මා විසින් ලබාගෙන ඇති විගණන සාක්ෂි ප්‍රමාණවත් සහ උචිත බව මාගේ විශ්වාසයයි.

1.3 ආයතනයේ 2023 වාර්ෂික වාර්තාවේ ඇතුළත් අනෙකුත් තොරතුරු

මෙම විගණන වාර්තාවේ දිනට පසුව මට ලබා දීමට බලාපොරොත්තු වන ආයතනයේ 2023 වාර්ෂික වාර්තාවේ ඇතුළත් කර ඇති නමුත් මූල්‍ය ප්‍රකාශන සහ ඒ පිළිබඳව වූ මාගේ



විගණන වාර්තාවේ ඇතුළත් නොවන තොරතුරු, අනෙකුත් තොරතුරු යන්නෙන් අදහස් වේ. මෙම අනෙකුත් තොරතුරු සඳහා කළමනාකරණය වගකිව යුතුය.

මූල්‍ය ප්‍රකාශන සම්බන්ධයෙන් වූ මාගේ මතයෙන් අනෙකුත් තොරතුරු ආවරණය නොකරන අතර මම ඒ පිළිබඳ කිසිදු ආකාරයක සහතිකවීමක් හෝ මතයක් ප්‍රකාශ නොකරමි.

මූල්‍ය ප්‍රකාශන පිළිබඳ මාගේ විගණනයට අදාළව, මාගේ වගකීම වන්නේ ඉහත හඳුනාගත් අනෙකුත් තොරතුරු ලබා ගත හැකි වූ විට කියවීම සහ එසේ කිරීමේදී අනෙකුත් තොරතුරු මූල්‍ය ප්‍රකාශන සමඟ හෝ විගණනයේදී හෝ වෙනත් ආකාරයකින් ලබාගත් මාගේ දැනුම අනුව ප්‍රමාණාත්මක වශයෙන් නොගැලපෙනවාද යන්න සලකා බැලීමයි.

ආයතනයේ 2023 වාර්ෂික වාර්තාව කියවන විට, එහි ප්‍රමාණාත්මක වරදවා දැක්වීම් ඇති බව මම නිගමනය කළහොත්, නිවැරදි කිරීම සඳහා පාලනය කරන පාර්ශවයන් වෙත එම කරුණු සන්නිවේදනය කළ යුතුය. තව දුරටත් නිවැරදි නොකළ වරදවා දැක්වීම් තිබේ නම්, ඒවා ආණ්ඩුක්‍රම ව්‍යවස්ථාවේ 154(6) ව්‍යවස්ථාව ප්‍රකාරව මා විසින් යථා කාලයේදී පාර්ලිමේන්තුවේ සභාගත කරනු ලබන වාර්තාවට ඇතුළත් කරනු ඇත.

1.4 මූල්‍ය ප්‍රකාශන පිළිබඳ කළමනාකරණයේ සහ පාලනය කරන පාර්ශවයන්ගේ වගකීම්

මෙම මූල්‍ය ප්‍රකාශන ශ්‍රී ලංකා රාජ්‍ය අංශයේ ගිණුම්කරණ ප්‍රමිතීන්ට අනුකූලව පිළියෙල කිරීම හා සාධාරණ ලෙස ඉදිරිපත් කිරීම සහ වංචා හෝ වැරදි හේතුවෙන් ඇතිවිය හැකි ප්‍රමාණාත්මක සාවද්‍ය ප්‍රකාශනයන්ගෙන් තොරව මූල්‍ය ප්‍රකාශන පිළියෙල කිරීමට හැකිවනු පිණිස අවශ්‍ය වන අභ්‍යන්තර පාලනයන් තීරණය කිරීම කළමනාකරණයේ වගකීම වේ.

මූල්‍ය ප්‍රකාශන පිළියෙල කිරීමේදී, ආයතනය අඛණ්ඩව පවත්වාගෙන යාමේ හැකියාව තීරණය කිරීම කළමනාකරණයේ වගකීමක් වන අතර, කළමනාකාරිත්වය ආයතනය ඇවර කිරීමට අදහස් කරන්නේ නම් හෝ වෙනත් විකල්පයක් නොමැති විටදී මෙහෙයුම් නැවැත්වීමට කටයුතු කරන්නේ නම් හැර අඛණ්ඩ පැවැත්මේ පදනම මත ගිණුම් තැබීම හා ආයතනයේ අඛණ්ඩ පැවැත්මට අදාළ කරුණු අනාවරණය කිරීමද කළමනාකරණයේ වගකීමකි.

ආයතනයේ මූල්‍ය වාර්තාකරණ ක්‍රියාවලිය සම්බන්ධව පරීක්ෂා කිරීමේ වගකීම, පාලනය කරන පාර්ශවයන් විසින් දරනු ලබයි.

2018 අංක 19 දරන ජාතික විගණන පනතේ 16(1) උප වගන්තිය ප්‍රකාරව, ආයතනයේ වාර්ෂික සහ කාලීන මූල්‍ය ප්‍රකාශන පිළියෙල කිරීමට හැකිවන පරිදි ස්වකීය ආදායම්, වියදම්, වත්කම් හා බැරකම් පිළිබඳ නිසි පරිදි පොත්පත් හා වාර්තා පවත්වාගෙන යා යුතුය.

1.5 මූල්‍ය ප්‍රකාශන විගණනය සම්බන්ධයෙන් විගණකගේ වගකීම

සමස්තයක් ලෙස මූල්‍ය ප්‍රකාශන, වංචා සහ වැරදි නිසා ඇතිවන ප්‍රමාණාත්මක සාවද්‍ය ප්‍රකාශනයන්ගෙන් තොර බවට සාධාරණ තහවුරුවක් ලබාදීම සහ මාගේ මතය ඇතුළත් විගණන වාර්තාව නිකුත් කිරීම මාගේ අරමුණ වේ. සාධාරණ සහතිකවීම උසස් මට්ටමේ සහතිකවීමක් වන නමුත්, ශ්‍රී ලංකා විගණන ප්‍රමිති ප්‍රකාරව විගණනය සිදු කිරීමේදී එය සැමවිටම ප්‍රමාණාත්මක සාවද්‍ය ප්‍රකාශනයන් අනාවරණය කරගන්නා බවට වන තහවුරු කිරීමක් නොවනු ඇත. වංචා සහ වැරදි තනි හෝ සාමූහික ලෙස බලපෑම නිසා ප්‍රමාණාත්මක සාවද්‍ය ප්‍රකාශනයන් ඇතිවිය හැකි අතර, එහි ප්‍රමාණාත්මක භාවය මෙම මූල්‍ය ප්‍රකාශන

පදනම් කරගනිමින් පරිශීලකයන් විසින් ගනු ලබන ආර්ථික තීරණ කෙරෙහි වන බලපෑම මත රඳා පවතී.

ශ්‍රී ලංකා විගණන ප්‍රමිති ප්‍රකාරව විගණනයේ කොටසක් ලෙස මා විසින් විගණනයේදී වෘත්තීය විනිශ්චය සහ වෘත්තීය සැකමුසුබවින් යුතුව ක්‍රියා කරන ලදී. මා විසින් තවදුරටත්,

- ප්‍රකාශ කරන ලද විගණන මතයට පදනමක් සපයා ගැනීමේදී වංචා හෝ වැරදි හේතුවෙන් මූල්‍ය ප්‍රකාශනවල ඇති විය හැකි ප්‍රමාණාත්මක සාවද්‍ය ප්‍රකාශනයන් ඇතිවීමේ අවදානම් හඳුනා ගැනීම හා තක්සේරු කිරීම සඳහා අවස්ථාවෝචිතව උචිත විගණන පරිපාටි සැලසුම් කර ක්‍රියාත්මක කරන ලදී. වරදවා දැක්වීම හේතුවෙන් සිදුවන ප්‍රමාණාත්මක සාවද්‍ය ප්‍රකාශනයන්ගෙන් සිදුවන බලපෑමට වඩා වංචාවකින් සිදුවන්නා වූ බලපෑම ප්‍රබල වන්නේ ඒවා දුස්සන්ධානයෙන්, ව්‍යාජ ලේඛන සැකසීමෙන්, චේතනාන්විත මහඟුරීමෙන්, වරදවා දැක්වීමෙන් හෝ අභ්‍යන්තර පාලනයන් මත ඟුරීමෙන් වැනි හේතු නිසා වන බැවිනි.
- අභ්‍යන්තර පාලනයේ සඵලදායීත්වය පිළිබඳව මතයක් ප්‍රකාශ කිරීමේ අදහසින් නොවුවද, අවස්ථාවෝචිතව උචිත විගණන පරිපාටි සැලසුම් කිරීම පිණිස අභ්‍යන්තර පාලනය පිළිබඳව අවබෝධයක් ලබාගන්නා ලදී.
- භාවිතා කරන ලද ගිණුම්කරණ ප්‍රතිපත්තිවල උචිතභාවය, ගිණුම්කරණ ඇස්තමේන්තුවල සාධාරණත්වය සහ කළමනාකරණය විසින් කරන ලද සම්බන්ධිත හෙළිදරව් කිරීම් අගයන ලදී.
- සිද්ධීන් හෝ තත්ත්වයන් හේතුවෙන් ආයතනයේ අඛණ්ඩ පැවැත්ම පිළිබඳ ප්‍රමාණාත්මක අවිනිශ්චිතතාවයක් තිබේද යන්න සම්බන්ධයෙන් ලබාගත් විගණන සාක්ෂි මත පදනම්ව ගිණුම්කරණය සඳහා ආයතනයේ අඛණ්ඩ පැවැත්ම පිළිබඳ පදනම යොදා ගැනීමේ අදාළත්වය තීරණය කරන ලදී. ප්‍රමාණවත් අවිනිශ්චිතතාවයක් ඇති බවට මා නිගමනය කරන්නේ නම් මූල්‍ය ප්‍රකාශනවල ඒ සම්බන්ධයෙන් වූ හෙළිදරව්කිරීම් වලට මාගේ විගණන වාර්තාවේ අවධානය යොමු කළ යුතු අතර, එම හෙළිදරව්කිරීම් ප්‍රමාණවත් නොවන්නේ නම් මාගේ මතය විකරණය කළ යුතුය. කෙසේ වුවද, අනාගත සිද්ධීන් හෝ තත්ත්වයන් මත අඛණ්ඩ පැවැත්ම අවසන් වීමට හැකිය.
- මූල්‍ය ප්‍රකාශනවල ව්‍යුහය හා අන්තර්ගතය සඳහා පාදක වූ ගනුදෙනු හා සිද්ධීන් උචිත හා සාධාරණව ඇතුළත් වී ඇති බව සහ හෙළිදරව් කිරීම් ඇතුළත් මූල්‍ය ප්‍රකාශනවල සමස්ථ ඉදිරිපත් කිරීම අගයන ලදී.

මාගේ විගණනය තුළදී හඳුනාගත් වැදගත් විගණන සොයාගැනීම්, ප්‍රධාන අභ්‍යන්තර පාලන දුර්වලතා හා අනෙකුත් කරුණු පිළිබඳව පාලනය කරනු ලබන පාර්ශ්වයන් දැනුවත් කරමි.

2. වෙනත් නෛතික හා නියාමන අවශ්‍යතා පිළිබඳ වාර්තාව

2.1 2018 අංක 19 දරන ජාතික විගණන පනතේ පහත සඳහන් අවශ්‍යතාවයන් සම්බන්ධයෙන් විශේෂ ප්‍රතිපාදන ඇතුළත් වේ.

2.1.1 2018 අංක 19 දරන ජාතික විගණන පනතේ 12(අ) වගන්තියේ සඳහන් අවශ්‍යතාවන් අනුව, විගණනය සඳහා අවශ්‍ය සියලු තොරතුරු සහ පැහැදිලි කිරීම් මා විසින් ලබාගන්නා ලද අතර, මාගේ පරීක්ෂණයෙන් පෙනී යන ආකාරයට නිසි මූල්‍ය වාර්තා ආයතනය පවත්වාගෙන ගොස් තිබුණි.

- 2.1.2 2018 අංක 19 දරන ජාතික විගණන පනතේ 6(1)(ඇ)(iii) වගන්තියේ සඳහන් අවශ්‍යතාවය අනුව ආයතනයේ මූල්‍ය ප්‍රකාශන ඉකුත් වර්ෂය සමඟ අනුරූප වේ.
- 2.1.3 2018 අංක 19 දරන ජාතික විගණන පනතේ 6(1)(ඇ)(iv) වගන්තියේ සඳහන් අවශ්‍යතාවය අනුව ඉකුත් වර්ෂයේදී මා විසින් සිදුකරන ලද නිර්දේශයන් ඉදිරිපත් කරන ලද මූල්‍ය ප්‍රකාශනවල ඇතුළත්ව ඇත.
- 2.2 අනුගමනය කරන ලද ක්‍රියාමාර්ග සහ ලබා ගන්නා ලද සාක්ෂි මත හා ප්‍රමාණාත්මක කරුණුවලට සීමා කිරීම තුළ, පහත සඳහන් ප්‍රකාශ කිරීමට තරම් කිසිවක් මාගේ අවධානයට ලක් නොවීය.
- 2.2.1 2018 අංක 19 දරන ජාතික විගණන පනතේ 12(ඇ) වගන්තියේ සඳහන් අවශ්‍යතාවය අනුව ආයතනයේ පාලක මණ්ඩලයේ යම් සාමාජිකයෙකුට ආයතනය සම්බන්ධව යම් ගිවිසුමක් සම්බන්ධයෙන් සෘජුව හෝ අන්‍යාකාරයකින් සාමාන්‍ය ව්‍යාපාරික තත්ත්වයෙන් බැහැරව සම්බන්ධයක් ඇති බව.
- 2.2.2 2018 අංක 19 දරන ජාතික විගණන පනතේ 12(ඊ) වගන්තියේ සඳහන් අවශ්‍යතාවය අනුව පහත සඳහන් නිරීක්ෂණ හැර යම් අදාළ ලිඛිත නීතියකට හෝ ආයතනයේ පාලක මණ්ඩලය විසින් නිකුත් කරන ලද වෙනත් පොදු හෝ විශේෂ විධානවලට අනුකූල නොවන ලෙස ක්‍රියා කර ඇති බව.

නීතිරීති / විධානයට යොමුව	නිරීක්ෂණ
(අ) 2003 ජුනි 02 දිනැති අංක PED/12 දරන රාජ්‍ය ව්‍යාපාර චක්‍රලේඛය	රාජ්‍ය ව්‍යාපාර දෙපාර්තමේන්තුවේ හා මහා භාණ්ඩාගාරයේ අනුමැතියකින් තොරව 2020 අගෝස්තු සිට 2023 දෙසැම්බර් 31 වන දින දක්වා කාලය තුළ සේවක අග්‍රහාර රක්ෂණ යෝජනා ක්‍රමයක් සඳහා අග්‍රහාර දායකය වශයෙන් රු.441,600 ක් ජාතික රක්ෂණ භාර අරමුදල වෙත ගෙවා තිබුණි.
(ආ) 2006 රජයේ ප්‍රසම්පාදන මාර්ගෝපදේශ සංග්‍රහය	සනීපාරක්ෂක සේවා ප්‍රසම්පාදනයේදී පවතින ගණිතමය දෝෂයන් නිවැරදි කර ගැනීමට අවම මිල ඉදිරිපත් කළ සැපයුම්කරුවකුට අවස්ථාව ලබානොදී දෙවන අවම මිල ගණන් ඉදිරිපත් කරන ලද සැපයුම්කරුට ඒ සඳහා අවස්ථාව ලබාදී දෙවන අවම මිලට ටෙන්ඩරය පිරිනැමීම හේතුවෙන් ආයතනයට රු.144,000 ක පාඩුවක් සිදු වී තිබුණි.

2.2.3 2018 අංක 19 දරන ජාතික විගණන පනතේ 12(උ) වගන්තියේ සඳහන් අවශ්‍යතාවය අනුව පහත සඳහන් නිරීක්ෂණ හැර ආයතනයේ බලතල, කර්තව්‍ය සහ කාර්යයන්ට අනුකූල නොවන ලෙස කටයුතු කර ඇති බව.

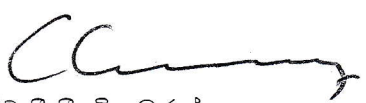
බලතල, කර්තව්‍ය සහ කාර්යයන්	නිරීක්ෂණ
2018 මැයි 18 දිනැති අංක UGC/L/2020 දරන විශ්වවිද්‍යාල ප්‍රතිපාදන කොමිෂන් සභාවේ ලිපිය	සියලුම පශ්චාත් උපාධි ආයතනයවල කළමනාකරණ මණ්ඩලයේ සම්පූර්ණ සාමාජිකත්වය උපරිම සාමාජිකයින් 11 දෙනෙකුට සීමා කළයුතු බව දක්වා තිබුණද, ඒ අනුව කටයුතු නොකර සාමාජිකයින් 20 දෙනෙකුගෙන් සමන්විත කළමනාකරණ මණ්ඩලයක් පත් කර තිබුණි. මේ හේතුවෙන් 2019 ජනවාරි සිට 2023 දෙසැම්බර් 31 දින දක්වා කාලපරිච්ඡේදය තුළ කළමනාකරණ මණ්ඩලයේ රැස්වීම් වාර 29 ක් සඳහා අමතර සාමාජිකයින් වෙනුවෙන් එකතුව රු.1,109,920 ක වියදමක් සහභාගීත්ව දීමනා වෙනුවෙන් වැඩියෙන් වැය කර තිබුණි.

2.2.4 2018 අංක 19 දරන ජාතික විගණන පනතේ 12(උ) වගන්තියේ සඳහන් අවශ්‍යතාවය අනුව ආයතනයේ සම්පත් සකසුරුවම් ලෙස, කාර්යක්ෂම ලෙස සහ ඵලදායී ලෙස කාලසීමාවන් තුළ අදාළ නීතිරීති වලට අනුකූලව ප්‍රසම්පාදනය කර භාවිතා කර නොමැති බව.

2.3 වෙනත් කරුණු

- (අ) 2017 වර්ෂයේ සිට 2022 වර්ෂය දක්වා කාලයට අදාළව සිසුන් 1790 දෙනෙකුගෙන් අයවිය යුතු රු.28,752,500 ක පාඨමාලා ගාස්තු සමාලෝචිත වර්ෂය අවසන් දින වන විටත් අය කර නොතිබුණි.
- (ආ) ආයතනය සඳහා කළමනාකරණ තොරතුරු පද්ධතියක් (MIS) සැලැසුම් කිරීම, සංවර්ධනය කිරීම, ස්ථාපනය කිරීම සහ නඩත්තු කිරීම වෙනුවෙන් රු.4,440,457 ක මුදලකට 2022 ජුනි 12 දින පෞද්ගලික ආයතනයක් සමඟ ගිවිසුම්ගතවී තිබුණි. ගිවිසුම්ගත කාලය ඉක්මවා මාස 09 කට අධික කාලයක් ගතවී තිබුණද, වාර්තාවේ දිනය දක්වාම කළමනාකරණ තොරතුරු පද්ධතියේ කටයුතු අවසන් කර නොතිබුණි.
- (ඇ) ආයතනයේ රසායනාගාරවල පවතින රසායනික ද්‍රව්‍ය සම්බන්ධයෙන් විධිමත් තොග පාලන පද්ධතියක් ක්‍රියාත්මක කර නොතිබීම හේතුවෙන් රසායනික ද්‍රව්‍යවල අවශ්‍යතාවය නිසි පරිදි හඳුනා නොගෙන සමාලෝචිත වර්ෂය සඳහා රු.1,468,118 ක රසායන ද්‍රව්‍ය මිලදී ගෙන තිබුණි.
- (ඈ) ආයෝජන කල් පිරීමේදී මිල ගණන් කැඳවා ඉහලම පොළී අනුපාතයක් යටතේ නැවත ආයෝජනය කළ යුතු වුවත්, එවැනි විවක්ෂණශීලීත්වයකින් තොරව කටයුතු කිරීම හා ඉහළම පොළී අනුපාතයක් ලබා දෙන මහජන බැංකුව සමඟ ගනුදෙනු නතර කිරීමට ආයතනය විසින් ගත් තීරණය මත 2022 ජනවාරි සිට 2023 ජුනි දක්වා වූ කාල පරිච්ඡේදයට අදාළව ස්ථාවර තැන්පතු 17 ක් සඳහා එකතුව රු.6,285,474 ක පොළී ආදායමක් අහිමි වී තිබුණි.

- (ඊ) පර්යේෂණ ප්‍රදානයන් 03 ක් වෙනුවෙන් ඉකුත් වර්ෂය තුළ ලැබී තිබුණු රු.635,700 ක ප්‍රදානයන් වාර්තාවේ දින දක්වාම ඌන උපයෝජිතව පැවතුණි.
- (උ) 2021 වර්ෂයේ හා සමාලෝචිත වර්ෂයේ ඉලක්කගත ලියාපදිංචි සිසුන් ප්‍රමාණය පිළිවෙලින් 300ක් හා 200ක් වුවද, සිසුන් 97 දෙනෙකු හා සිසුන් 129 දෙනෙකු පමණක් ලියාපදිංචි වී තිබුණි. එසේම 2019 වර්ෂයේ සිට 2023 වර්ෂය දක්වා කාලපරිච්ඡේදය තුළ ලියාපදිංචි මුළු ශිෂ්‍ය සංඛ්‍යාව වූ 1588 න් 2023 වර්ෂය අවසන් වන විට ශිෂ්‍යයන් 394ක් පාඨමාලා හැර ගොස් සිටි අතර එය ලියාපදිංචි ශිෂ්‍ය සංඛ්‍යාවෙන් සියයට 25 ක් පමණ විය. සිසුන් පාඨමාලා සඳහා ලියාපදිංචිය අඩුවීමටත් පාඨමාලා හැරයාමටත් හේතු සොයා බැලීම සඳහා කළමනාකරණයේ අවධානය යොමු වී නොතිබුණි.
- (ඌ) පුස්තකාලය සඳහා පොත් 04 ක් මිලදී ගැනීම වෙනුවෙන් සැපයුම්කරුවන් දෙදෙනෙකුට රු.66,213 ක මුදලක් ගෙවා වසර 08 කට අධික කාලයක් ගතවී තිබුණද, සමාලෝචිත වර්ෂය අවසාන දින දක්වා එම පොත් ලබා ගැනීමට කටයුතු කර නොතිබුණි..


ඩබ්ලිව්.පී.සී. චිත්‍රමරත්න

විගණකාධිපති

The Director
Postgraduate Institute of Science.

Report of the Auditor General on the Financial Statements and Other Legal and Regulatory Requirements of the Postgraduate Institute of Science for the year ended 31 December 2023 in terms of Section 12 of the National Audit Act, No. 19 of 2018.

1. Financial Statements

1.1 Opinion

The audit of financial statements of the Postgraduate Institute of Science for the year ended 31 December 2023 comprising the statement of Financial Position as at 31 December 2023 and the statement of financial performance, statement of changes in equity and statement of cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies 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 provisions of the National Audit Act No. 19 of 2018 and the Finance Act No.38 of 1971. My report to Parliament in pursuance of provisions in Article 154 (6) of the Constitution will be tabled in due course.

In my opinion, except for the effects of the matters described in the basis for Qualified Opinion section of my report, the accompanying financial statements give a true and fair view of the financial position of the Postgraduate Institute of Science as at 31 December 2023 and of its financial performance and cash flows for the year then ended in accordance with Sri Lanka Public Sector Accounting Standards.

1.2 Basis for Opinion

I conducted my audit in accordance with Sri Lanka Auditing Standards (SLAuSs). My responsibilities, under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of this report. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

1.3 Other Information Included in the Annual Report, 2023 of the Institute

The other information means the information included in the 2023 Annual Report of the Postgraduate Institute of Science, which is expected be submitted to me after the date of this report, but not contained in the Financial Statements and my audit report thereon. Management is responsible for this other information.

My opinion on financial statements does not cover the other information and I do not express any assurance or opinion thereon.

My responsibility in connection with my audit of financial statements is to study the above identified other information and evaluate whether the other information is substantially mismatched with the financial statements or my knowledge gained in auditing or another manner.

In the study of Annual Report of the Institute for the year 2023, if I conclude that there are substantial misstatements, I should communicate that matters to the governing body for correction. If there are misstatements further to be corrected, those will be included in the report which I table in parliament in accordance with Article 154 (6) of the Constitution in due course.

1.4 Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation of financial statements that give a true and fair view in accordance with Sri Lanka Public Sector Accounting Standards, and for such internal control as management determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Institute's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intend to liquidate the University or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Institute's financial reporting process.

As per Sub-section 16(1) of the National Audit Act No. 19 of 2018, the Institute is required to maintain proper books and records of all its income, expenditure, assets and liabilities, to enable annual and periodic financial statements to be prepared of the Institute.

1.5 Auditor's Responsibility for the Financial Statements

My objective is to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Sri Lanka Auditing Standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Sri Lanka Auditing Standards, I exercise professional judgment and maintain professional scepticism throughout the audit. I also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Institute's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the management.
- Conclude on the appropriateness of the management's use of the going concern basis of accounting and based on the audit evidence obtained, whether a material

uncertainty exists related to events or conditions that may cast significant doubt on the Institute's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify my opinion. However, future events or conditions may cause the Institute to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

I communicate with those charged with governance regarding, among other matters, significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

2. Report on Other Legal and Regulatory Requirements

2.1 National Audit Act, No. 19 of 2018 includes specific provisions for following requirements.

2.1.1 Subject to the observations described in the Basis for Qualified Opinion paragraph in my report, I have obtained all the information and explanation that required for the audit and as far as appears from my examination, proper accounting records have been kept by the Institute as per the requirement of section 12 (a) of the National Audit Act, No. 19 of 2018.

2.1.2 The financial statements presented by the Institute are consistent with the preceding year as per the requirement of section 6 (1) (d) (iii) of the National Audit Act, No. 19 of 2018.

2.1.3 The financial statements presented include all the recommendations made by me in the previous year as per the requirement of section 6 (1) (d) (iv) of the National Audit Act, No. 19 of 2018.

2.2 Based on the procedures performed and evidence obtained were limited to matters that are material, nothing has come to my attention;

- 2.2.1 to state that any member of the governing body has any direct or indirect interest in any contract entered into by the Institute which are out of the normal cause of business as per the requirement of section 12 (d) of the National Audit Act, No. 19 of 2018.
- 2.2.2 to state that the Institute has not complied with any applicable written law, general and special directions issued by the governing body of the Company as per the requirement of section 12 (f) of the National Audit Act, No. 19, except for the following observations.

Reference Rules/Directives	to Laws, Rules/Directives	Observations
(a) Public Enterprises Circular No.PED/12 dated 02 June 2003. Paragraph 9.12		Without the approval of the Public Enterprises Department and the General Treasury, a total of Rs. 441,600 had been paid to the National Insurance Trust Fund as a contribution towards the Employee Aggrahara Insurance Scheme from August 2020 to 31 December 2023.
(b.) Government Procurement Guidelines 2006		.
Procurement Procedure (Manual) in Guideline 7.9.2		In the procurement for the provision of sanitary services, due to the failure to provide the lowest bidder with the opportunity to correct the mathematical error, and instead offering this opportunity to the second-lowest bidder, the tender had been awarded to the second-lowest bidder, resulting in a loss of Rs. 144,000 to the Institute.

2.2.3 to state that the Institute has not performed according to its powers, functions and duties as per the requirement of section 12 (g) of the National Audit Act, No. 19 of 2018, except for the following observations.

Powers, Functions and Duties	Observations
University Grants Commission letter No. UGC/L/2020 dated 18 May 2018.	Although it had been specified that the board of management of all postgraduate institutes should be limited to a maximum of 11 members, without taking actions accordingly, a board of management consisting of 20 members had been appointed. As a result, an additional cost of Rs. 1,109,920 was incurred for 29 meetings held during the period from January 2019 to 31 December 2023.

2.2.4 to state that the resources of the Institute had not been procured and utilized economically, efficiently and effectively within the time frames and in compliance with the applicable laws as per the requirement of section 12 (h) of the National Audit Act, No. 19 of 2018, except for the following observations.

2.3 Other Matters

- (a) A total of Rs. 28,752,500 in course fees due from 1,790 students from 2017 to 2022 had not been recovered even by the end of the year under review.
- (b) An agreement had been entered into with a private institution on 12 June 2022 for an amount of Rs. 4,440,457 to design, develop, install, and maintain a Management Information System (MIS) for the institute. Although more than nine months have passed beyond the agreed timeline, the work on the Management Information System had not been completed even by the date of the report.
- (c) As a systematic inventory control system had not been put in place for the chemicals existing in the laboratories of the Institute, chemicals worth Rs.1,468,118 had been purchased during the year under review without properly identifying their need.
- (d) Although investments should be reinvested under the highest interest rate by calling for quotations upon maturity, the institute had decided to terminate transactions with the peoples' bank offering the highest interest rate, due to a lack of such prudence. As a result, a total of Rs. 6,285,474 in interest income had been lost from 17 fixed deposits for the period from January 2022 to June 2023.
- (e) Grants totaling Rs.635,700 received for 03 research grants in the preceding year remained underutilized even up to the date of the report.

- (f) Although the target number of registered students was 300 in 2021 and 200 in the year under review, only 97 and 129 students were registered, respectively. Additionally, out of a total of 1,588 students registered from 2019 to 2023, 394 students had left the courses by the end of 2023, which was approximately 25% of the registered student population. The management had not paid attention to investigating the reasons for the decrease in course registrations and the withdrawal of students from courses.
- (g) Although more than 08 years had passed since the payment of Rs.66,213 to two suppliers for the purchase of 04 books for the library, the books had not been obtained till the last date of the year under review.

W.P.C. Wickramaratne

Auditor General

THE ORIGINAL DOCUMENT HAS BEEN SIGNED

14. REPLIES TO AUDIT REPORT

විගණන වාර්තාව සඳහා හේතු පැහැදිලි කිරීම

අංකය : CPCG/KD/D/PGIS/2024/04

විෂයය : විද්‍යා පශ්චාත් උපාධි ආයතනයේ 2023 දෙසැම්බර් 31 දිනෙන් අවසන් වර්ෂය සඳහා වූ මූල්‍ය ප්‍රකාශන සහ වෙනත් නෛතික හා නියාමන අවශ්‍යතා පිළිබඳව 2018 අංක 19 දරන ජාතික විගණන පනතේ 12 වන වගන්තිය ප්‍රකාරව විගණකාධිපති වාර්තාව

උක්ත අංක හා විෂයය දරණ විගණන වාර්තාව සම්බන්ධයෙන් වන හේතු පැහැදිලි කිරීම් පහත ඉදිරිපත් කරමි.

02 වෙනත් නෛතික හා නියාමන අවශ්‍යතා පිළිබඳ වාර්තාව

2.2.2

(අ) නීති රීති / විධානයට යොමුව

2003 ජුනි 02 දිනැති අංක PED/12 දරන රාජ්‍ය ව්‍යාපාර වක්‍රලේඛය - 9.12 ඡේදය

පේරාදෙණිය විශ්වවිද්‍යාලයේ හා ඊට අනුබද්ධ ආයතනවල සේවකයින් සඳහා ආයතනයේ හා සේවකයින්ගේ දායකත්වය මත පේරාදෙණිය විශ්වවිද්‍යාලයේ මුදල් කමිටුවේ හා පාලක සභාවේ අනුමැතිය සහිතව මෙම සාමූහික රක්ෂණ යෝජනා ක්‍රමය ආරම්භ කර ඇත. මේ සඳහා සම්බන්ධ වී ඇති විද්‍යා පශ්චාත් උපාධි ආයතනයේ සේවකයන් සඳහා ආයතනය මගින් සිදු කරනු ලබන දායකත්වය "කාර්යය මණ්ඩල සුභසාධනය (Staff Welfare)" යටතේ අදාළ වර්ෂයන්හි අයවැය ලේඛණයේ ඇතුළත් කිරීමට කටයුතු කර ඇති අතර එම අයවැය ලේඛණයන් විශ්වවිද්‍යාල ප්‍රතිපාදන කොමිෂන් සභාව මගින් රාජ්‍ය ව්‍යාපාර දෙපාර්තමේන්තුව හා මහා භාණ්ඩාගාරය වෙත යොමුකර අනුමැතිය ලබාගැනීමට කටයුතු කර ඇත.

(ආ) 2006 රජයේ ප්‍රසම්පාදන මාර්ගෝපදේශ සංග්‍රහය - 7.9.2 හි (ආ) ප්‍රසම්පාදන කාර්යය සංග්‍රහය (අත්පොත)

අදාළ සැපයුම්කරු විසින් ඉදිරිපත් කරන ලද ලංසු පිරිවිතරයන්හි මාසික ගාස්තුවල එකතුව රු.140,000 වැරදි ලෙස සඳහන් කර තිබූ නමුත් මිල ප්‍රමාණ පත්‍රිකාවේ එකිනෙක අයිතම වලට අදාළ උප අගයන් හි සත්‍ය එකතුව රු.37,000 ක් පමණක් විය. ගණිතමය දෝෂ නිවැරදි කිරීමට අදාළව රජයේ ප්‍රසම්පාදන අත්පොතෙහි 7.9.2 (ආ) වගන්තියේ සඳහන් ප්‍රතිපාදනවලට අනුව මෙය නිවැරදි කිරීමට අවස්ථාව ලබාදීමට නොහැකි ගණිතමය දෝෂයක් ලෙස තාක්ෂණික ඇගයීම් කමිටුව හා ප්‍රසම්පාදන කමිටුව මගින් තීරණය කර ඇති අතර ඒ අනුව අදාළ ඇගයීම් කටයුතු සිදුකර නිවැරදි අවම ලංසුවට පවිත්‍රතා සේවය ලබාදීමට කටයුතු කර ඇත. කෙසේ වෙතත් ගණිතමය දෝෂ නිවැරදි කිරීමේ ක්‍රමවේදයට අනුව අදාළ සැපයුම්කරු විසින් වැරදි ලෙස සටහන් කරන

ලද ලංසු වටිනාකම වන රු. 37,000 ක මාසික මුදලකට මෙම කොන්ත්‍රාත්තුව භාර ගැනීමට නොහැකි බව සඳහන් කරමින් ඉදිරිපත් කළ ලිපියේ පිටපතක් මේ සමඟ විගණනය සඳහා යොමු කර ඇත.

2.2.3

බලතල කාර්තව්‍ය සහ කාර්යයන්

2018 මැයි 18 දිනැති අංක UGC/L/2020 දරන විශ්වවිද්‍යාල ප්‍රතිපාදන කොමිෂන් සභාවේ ලිපිය

විද්‍යා පශ්චාත් උපාධි ආයතනයේ ආරම්භක නියමාවලියට අනුව කළමනාකරණ මණ්ඩලයේ සාමාජික සංඛ්‍යාව 40 කි. කෝප් කමිටු නිර්දේශයක් මත 2012 වර්ෂයේ සංශෝධිත නියමාවලියේ මෙම සාමාජික සංඛ්‍යාව 20 ක් දක්වා අඩුකිරීමට කටයුතු කර ඇත. කෙසේ වෙතත් විගණන නිරීක්ෂණය මගින් පෙන්වා දී ඇති පරිදි විශ්වවිද්‍යාල ප්‍රතිපාදන කොමිෂන් සභාවේ 980 වන රැස්වීම් තීරණය හා අංක UGC/L/2020 හා 2018 මැයි 18 දිනැති ලිපිය අනුව සියලුම පශ්චාත් උපාධි ආයතනවල සම්පූර්ණ සාමාජිකත්වය උපරිම සාමාජිකයින් 11 දෙනෙකුට සීමා කළයුතු බවට තීරණය කර තිබුණි. එහෙත් විද්‍යා පශ්චාත් උපාධි ආයතනයේ කළමනාකරණ මණ්ඩලයේ සංයුතිය තුළ අත්‍යාවශ්‍ය නියෝජනයන් ලෙස ඇතුළත් කළ යුතු සාමාජික සංඛ්‍යාව 2012 වර්ෂයේ සංශෝධිත නියමාවලියේ සඳහන් පරිදි 20 ක් බැවින්, එම සාමාජික සංඛ්‍යාවම කළමනාකරණ මණ්ඩලයේ සංයුතිය තුළ ඇතුළත් කිරීම කෙරෙහි අවධානය යොමු කරන ලෙස 2018.07.30 දිනැති ලිපිය මගින් විද්‍යා පශ්චාත් උපාධි ආයතනයේ අධ්‍යක්ෂකවරයා විසින් විශ්වවිද්‍යාල ප්‍රතිපාදන කොමිෂන් සභාවේ සභාපතිවරයාගෙන් ඉල්ලීමක් සිදු කර ඇත. කෙසේ වෙතත් විගණන නිරීක්ෂණය මගින් පෙන්වා දී ඇති පරිදි තවදුරටත් කළමනාකරණ මණ්ඩල සංයුතිය අඩුකිරීමට ඉදිරියේදී සලකා බලනු ලැබේ.

2.3 වෙනත් කරුණු

- (අ) විගණන වාර්තාව මගින් පෙන්වා දී ඇත්තේ 2017 සිට 2022 කාලසීමාව තුළ විද්‍යා පශ්චාත් උපාධි ආයතනයේ ලියාපදිංචි වී ඇති සිසුන්ගෙන් තවදුරටත් ලැබිය යුතු පාඨමාලා ගාස්තුව වේ. මෙම කාල සීමාව තුළ ලියාපදිංචි වී ඇති ශිෂ්‍ය සංඛ්‍යාව 2273 වන අතර ඔවුන්ගෙන් ලැබිය යුතු මුළු පාඨමාලා ගාස්තුව රු. 428,815,000.00 කි. එබැවින් තවදුරටත් අයවිය යුතු පාඨමාලා ගාස්තුව මුළු පාඨමාලා ගාස්තුවෙන් 6.7% ක ප්‍රතිශතයක් වේ.

විද්‍යා පශ්චාත් උපාධි ආයතනයේ ලියාපදිංචි වන සිසුන් විසින් ගෙවිය යුතු මුළු පාඨමාලා ගාස්තුවම එකවර අයකර ගැනීමේදී එය පාඨමාලා සඳහා ශිෂ්‍ය ලියාපදිංචිය අඩුවීම කෙරෙහි විශාල වශයෙන් බලපාන බැවින් හා ආර්ථික අපහසුතා ඇති සිසුන්ට සහනයක් ලබාදීමේ අරමුණින් මුළු පාඨමාලා ගාස්තුව වාරික වශයෙන් ගෙවීමේ පහසුකම් ලබාදීම ආයතනය ප්‍රතිපත්තියක් ලෙස ක්‍රියාත්මක කරනු ලැබේ. එසේම ආයතනය විසින් එකිනෙක පාඨමාලා සඳහා අයවැය ලේඛන පිළියෙල කිරීමේදී ලියාපදිංචි සිසුන්ගෙන් අයවිය යුතු මුළු පාඨමාලා ගාස්තුවෙන් 20% ක වටිනාකමක් පාඨමාලා හැරයාම් (Dropouts) වෙනුවෙන් ඉවත්කර ආදායම් ඇස්තමේන්තු සකස් කිරීම සිදු කරනු ලැබේ.

කෙසේ වෙතත් මෙම අයවිය යුතු මුදල අයකර ගැනීම සඳහා සියළුම සිසුන් වෙත සිහි කැඳවීමේ ලිපි මේ වන විටත් යොමුකර ඇති අතර ඉදිරියේදී මෙම මුදල් අයකර ගැනීමට අවශ්‍ය කටයුතු සිදුකරනු ලැබේ.

(ආ) විද්‍යා පශ්චාත් උපාධි ආයතනයේ කළමනාකරණ තොරතුරු පද්ධතියක් (MIS) ස්ථාපිත කිරීම සඳහා නියමිත ටෙන්ඩර් පටිපාටියෙන් පසු CICRA Solutions ආයතනය තෝරාගැනීමට කටයුතු කරන ලද අතර අදාළ සමාගම සමඟ 2022.06.12 දින ගිවිසුමකට එළඹිනි. මෙම කාර්යය කරගෙන යෑමේදී ආයතනයට පහත දුෂ්කරතාවන්ට මුහුණ දීමට සිදු වූ අතර ඒ හේතුවෙන් කළමනාකරණ තොරතුරු පද්ධතිය ස්ථාපිත කිරීමේ ප්‍රමාදයක් සිදු වී ඇත.

- i. කළමනාකරණ තොරතුරු පද්ධතියේ තාක්ෂණික කටයුතු අධීක්ෂණය කිරීමේ සම්බන්ධීකාරක ලෙස විද්‍යා පීඨයේ පරිසණක දෙපාර්තමේන්තුවේ සේවයේ නියුතු කාර්යාලාර්ථය පී. ගුණතිලක මහතා පළමුව පත්කර තිබුණද එම මහතා හදිසියේ විශ්වවිද්‍යාල සේවයෙන් ඉල්ලා අස්විය. විද්‍යා පීඨයේ පරිසණක දෙපාර්තමේන්තුවේ කාර්යය මණ්ඩලය ඉතා සීමිත වූ බැවින් හා එම කාර්යය මණ්ඩලය මත අධික රාජකාරි පැවරී තිබීම හේතුවෙන් නව සම්බන්ධීකාරකවරයෙකු පත්කර ගැනීම ඉතා අපහසු කටයුත්තක් විය. කෙසේ වුවද, 2023 වර්ෂයේ සැප්තැම්බර් මස සත්‍යා විජේවර්ධන මහත්මිය නව සම්බන්ධීකාරක ලෙස පත් කර ගැනීමට හැකිවූ අතර ඒ අනුව අදාළ කටයුතු කඩිනම් කිරීමට හැකිවිය.
- ii. කළමනාකරණ තොරතුරු පද්ධතිය, Registration, Students, Academic, Event Management, Administrative, Audit , Inventory Management යනාදි මොඩියුල 07 කින් සමන්විත වන අතර පද්ධති අවශ්‍යතා පිරිවිතර (Software Requirement Specifications - SRS) සකස් කිරීමේදී අපේක්ෂා නොකළ සංකීර්ණතාවයන්ට මුහුණ දීමට සිදුවිය. මේ හේතුවෙන් පද්ධතිය ස්ථාපිත කිරීමේ ප්‍රමාදයක් සිදුවී ඇත.
- iii. තවද, 2022 වර්ෂයේ රටෙහි පැවති ඉන්ධන අර්බුදය හේතුවෙන් විද්‍යා පශ්චාත් උපාධි ආයතනය තුළ සිදු කිරීමට සැලසුම් කළ කටයුතු මාර්ගගත ක්‍රමවේදය ඔස්සේ සිදුකළ යුතු විය. මේ හේතුවෙන් පද්ධතිය ස්ථාපිත කිරීමේ ප්‍රමාදයක් සිදුවිය.

ඉහත හේතූන් මත කළමනාකරණ තොරතුරු පද්ධතිය ස්ථාපිත කිරීම සඳහා අදාළ කල් දිගු කිරීම් අධ්‍යාපන අමාත්‍යාංශය විසින් නිකුත් කරන ලද 2023.03.17 දිනැති අංක HE/PR/UoP/GEN දරණ ලිපියේ දක්වා ඇති පරිදි ලබාගැනීමට කටයුතු කර ඇත.

එසේම මේ වන විට සියළුම මොඩියුල සඳහා පද්ධති අවශ්‍යතා පිරිවිතර (SRS) සකස් කර අවසන් කර ඇති අතර ඒ අනුව කළමනාකරණ තොරතුරු පද්ධතිය ස්ථාපිත කිරීමේ ඉදිරි කටයුතු සිදුකරමින් පවතී.

- (ඇ) විගණන වාර්තාව මගින් පෙන්වා දී ඇති විද්‍යා පශ්චාත් උපාධි ආයතනය මගින් විවිධ දෙපාර්තමේන්තු සඳහා මිල දී ගෙන ඇති රසායන ද්‍රව්‍ය එකිනෙක පශ්චාත් උපාධි පාඨමාලා/පර්යේෂණ ප්‍රදාන සඳහා එම පාඨමාලාවේ/පර්යේෂණ ප්‍රදානයේ අනුමත අයවැයෙහි ඇතුළත් ප්‍රතිපාදන මත පදනම්ව මිලදී ගෙන ඇත. මෙම මිලදී ගැනීම් විශේෂයෙන් එම පාඨමාලාවේ සිසුන්ගේ අවශ්‍යතා මත පදනම්ව අදාළ පාඨමාලා සම්බන්ධීකාරක හා අධ්‍යයන මණ්ඩලවල සභාපතිගේ ඉල්ලීම මත හෝ අදාළ පර්යේෂණ ආධාර ලාභියාගේ ඉල්ලීම මත පමණක් මිලදී ගැනීමට කටයුතු කර ඇත.
- (ඈ) විගණන වාර්තාව මගින් මිල ගණන් කැඳවීමෙන් තොරව ආයෝජනය කර ඇති බවට සඳහන් ස්ථාවර තැන්පතු සම්බන්ධයෙන් වන හේතු පැහැදිලි කිරීම් පහත දැක්වේ.

මහජන බැංකුව

මහජන බැංකුවේ පවත්වාගෙන යනු ලබන අංක : 057-60-01-000054405, 057-60-01-000054389, 057-60-01-000054370, 057-60-01-000054398, 057-60-01-00002301-0, 057-60-01-00002913-0

2009 සිට 2016 කාල පරිච්ඡේදය තුළ විද්‍යා පශ්චාත් උපාධි ආයතනයේ එවකට සිටි ජේෂ්ඨ සහකාර මූල්‍යාධිකාරී විසින් සිදු කරනු ලැබ ඇති මූල්‍ය වංචාවට අදාළව මහාධිකරණයේ ක්‍රියාත්මක වන නඩුවේදී සාක්ෂි වශයෙන් ඉදිරිපත් කිරීමට අවශ්‍ය වුවහොත් ඉදිරිපත් කිරීම සඳහා මෙම ස්ථාවර තැන්පතු සහතිකපත්වල මුල් පිටපත් තවදුරටත් පවත්වාගෙන යාමේ අවශ්‍යතාවයක් පවතී. මෙම ස්ථාවර තැන්පතු පිටුපස කල් පිරීමට ප්‍රථමයෙන් අදාළ ජේෂ්ඨ සහකාර මූල්‍යාධිකාරී විසින් අත්සන් යොදා මුදල් ලබාගැනීමේ අරමුණින් ළඟ තබාගෙන තිබූ බවට ඒ සම්බන්ධයෙන් සිදුකරන ලද විශේෂ චෝභාරික විගණන වාර්තාවේදී සඳහන් කර ඇත. මෙම තැන්පතු මහජන බැංකුවේම නැවත ආයෝජනය කිරීමේදී ඒ සඳහා බැංකුවෙන් මිල ගණන් කැඳවා කළමනාකරණ මණ්ඩලයේ අනුමැතිය මත නැවත ආයෝජනය කිරීමට කටයුතු කර ඇත. කෙසේ වෙතත් මේ සම්බන්ධයෙන් 2024 මාර්තු 07 දින පැවති 97වන විගණන කමිටු රැස්වීමේදී දීර්ඝ වශයෙන් සාකච්ඡා කරන ලද අතර අදාළ තැන්පතු තවදුරටත් මෙම බැංකුවේම පවත්වාගෙන යාමේ අවශ්‍යතාවය සම්බන්ධයෙන් නීතිපති දෙපාර්තමේන්තුවෙන්, විශ්වවිද්‍යාලයේ නීති අංශයෙන් හා මේ සම්බන්ධයෙන් පෙනී සිටින නීතිඥවරයාගේ උපදෙස් ලබාගැනීමට නිර්දේශ කරන ලදී. ඒ අනුව මේ සම්බන්ධයෙන් දැනටමත් අදාළ නීති උපදෙස් ලබාගැනීමත් පවතින අතර අදාළ නිර්දේශයන් ඉදිරියේදී පැවැත්වෙන විගණන කමිටුවට හා කළමනාකරණ මණ්ඩලයට යොමුකර මේ සම්බන්ධයෙන් අවශ්‍ය ඉදිරි ක්‍රියාමාර්ග ගනු ලැබේ.

ජාතික ඉතිරිකිරීමේ බැංකුව

ජාතික ඉතිරිකිරීමේ බැංකුවේ පවත්වාගෙන ගිය අංක : 2/014/01/26497 හා 2/014/01/23153 දරණ ස්ථාවර තැන්පතුව

මෙම ස්ථාවර තැන්පතුව 2/0148/01/17978 දරණ අංකය යටතේ 6.1% ක වාර්ෂික පොළී අනුපාතයකට ජාතික ඉතිරිකිරීමේ බැංකුවේ පවත්වාගෙන ගිය අතර වෙළඳපල පොළී අනුපාතයන් ක්ෂණිකව ඉහලයාමෙන් ඇතිවූ මූල්‍යමය වාසිය කාල ප්‍රමාදයකින්

තොරව ආයතනයට ලබාගැනීම සඳහා අදාළ බැංකුවෙන් මිල කැඳවුමක් ලබාගැනීමෙන් අනතුරුව කළමනාකරණ මණ්ඩලයේ අනුමැතිය මත 2022.04.26 සිට 2022.07.26 දක්වා මාස 03 ක කාලයක් සඳහා 19.25% ක පොළී ප්‍රතිශතයක් මත 2/014/01/23153 දරණ අංකය යටතේ නැවත ආයෝජනය කිරීමට කටයුතු කරන ලදී. එසේම එවකට පැවති ආර්ථික අර්බුදය හා ඉන්ධන අර්බුදය හේතුවෙන් පැන නැගුණු ප්‍රවාහන දුෂ්කරතාවය හේතුවෙන් අනෙකුත් බැංකුවලින් මිල ගණන් කැඳවීමේදී වැඩි කාලයක් ගතවන බැවින් වෙළඳපල පොළී අනුපාතයේ සිදුවූ ක්ෂණික වැඩිවීමේ වාසිය ආයතනයට ඉතා ඉක්මනින් ලබාගැනීම සඳහා මෙසේ ආයෝජනය කිරීමට කටයුතු කරන ලදී.

එසේම මෙම අංක 2/014/01/23153 දරණ ස්ථාවර තැන්පතුව 2/014/01/26497 දරණ නව අංකය යටතේ 2022.07.26 - 2022.10.26 කාලය සඳහා නැවත ආයෝජනය කිරීමේදී මිල ගණන් කැඳවා කළමනාකරණ මණ්ඩලයේ අනුමැතිය මත ආයෝජනය කිරීමට කටයුතු කර ඇත.

ජාතික ඉතිරිකිරීමේ බැංකුවේ පවත්වාගෙන ගිය අංක : 2/0148/01/23145 හා 2/0148/01/26527 දරණ ස්ථාවර තැන්පතුව

මෙම ස්ථාවර තැන්පතුව 2/0148/01/18532 දරණ අංකය යටතේ 7.5% ක වාර්ෂික පොළී අනුපාතයකට ජාතික ඉතිරිකිරීමේ බැංකුවේ පවත්වාගෙන ගිය අතර වෙළඳපල පොළී අනුපාතයන් ක්ෂණිකව ඉහලයාමෙන් ඇතිවූ මූල්‍යමය වාසිය කාල ප්‍රමාදයකින් තොරව ආයතනයට ලබාගැනීමේ අරමුණින් අදාළ බැංකුවෙන් මිල කැඳවුමක් ලබාගෙන කළමනාකරණ මණ්ඩලයේ අනුමැතිය මත 2022.04.27 සිට 2022.07.26 දක්වා මාස 03ක කාලයකට 19.25% ක වාර්ෂික පොළී අනුපාතයකට අංක 2/0148/01/23145 දරණ අංකය යටතේ නැවත ආයෝජනය කිරීමට කටයුතු කරන ලදී. එසේම එවකට පැවති ආර්ථික අර්බුදය හා ඉන්ධන අර්බුදය හේතුවෙන් පැන නැගුණු ප්‍රවාහන දුෂ්කරතාවය හේතුවෙන් අනෙකුත් බැංකුවලින් මිල ගණන් කැඳවීමේදී වැඩි කාලයක් ගතවන බැවින් වෙළඳපල පොළී අනුපාතයේ සිදුවූ ක්ෂණික වැඩිවීමේ වාසිය ආයතනයට ඉතා ඉක්මනින් ලබාගැනීම සඳහා මෙසේ ආයෝජනය කිරීමට කටයුතු කරන ලදී. එසේම මෙම අංක 2/0148/01/23145 දරණ ස්ථාවර තැන්පතුව 2/0148/01/26527 දරණ නව අංකය යටතේ 2022.07.26 - 2022.10.26 කාලයට නැවත ආයෝජනය කිරීමේදී මිල ගණන් කැඳවා කළමනාකරණ මණ්ඩලයේ අනුමැතිය මත ආයෝජනය කිරීමට කටයුතු කර ඇත.

ජාතික ඉතිරිකිරීමේ බැංකුවේ පවත්වාගෙන ගිය අංක : 2/0148/01/23161 හා 2/0148/01/26519 දරණ ස්ථාවර තැන්පතුව

මෙම ස්ථාවර තැන්පතුව 2/0148/01/19946 දරණ අංකය යටතේ 8.6% ක වාර්ෂික පොළී අනුපාතයකට ජාතික ඉතිරිකිරීමේ බැංකුවේ පවත්වාගෙන ගිය අතර වෙළඳපල පොළී අනුපාතයන් ක්ෂණිකව ඉහලයාමෙන් ඇතිවූ මූල්‍යමය වාසිය කාල ප්‍රමාදයකින් තොරව ආයතනයට ලබාගැනීමේ අරමුණින් අදාළ බැංකුවෙන් මිල කැඳවුමක් ලබාගෙන කළමනාකරණ මණ්ඩලයේ අනුමැතිය මත 2022.04.26 සිට 2022.07.26 දක්වා මාස 03ක කාලයකට 2/0148/01/23161 අංකය යටතේ 19.25% ක වාර්ෂික පොළී අනුපාතයකට නැවත ආයෝජනය කිරීමට කටයුතු කරන ලදී. එසේම එවකට

පැවති ආර්ථික අර්බුදය හා ඉන්ධන අර්බුදය හේතුවෙන් පැන නැගුණු ප්‍රවාහන දුෂ්කරතාවය හේතුවෙන් අනෙකුත් බැංකුවලින් මිල ගණන් කැඳවීමේදී වැඩි කාලයක් ගතවන බැවින් වෙළඳපල පොළී අනුපාතයේ සිදුවූ ක්ෂණික වැඩිවීමේ වාසිය ආයතනයට ඉතා ඉක්මනින් ලබාගැනීම සඳහා මෙසේ ආයෝජනය කිරීමට කටයුතු කරන ලදී. එසේම මෙම අංක 2/0148/01/23161 අංක දරණ ස්ථාවර තැන්පතුව 2/0148/01/26519 දරණ නව අංකය යටතේ 2022.07.26 - 2022.10.26 කාලය සඳහා නැවත ආයෝජනය කිරීමේදී මිල ගණන් කැඳවා කළමනාකරණ මණ්ඩලයේ අනුමැතිය මත ආයෝජනය කිරීමට කටයුතු කර ඇත.

ජාතික ඉතිරිකිරීමේ බැංකුවේ පවත්වාගෙන ගිය අංක : 2/0148/01/23137 හා 2/0148/01/26535 දරණ ස්ථාවර තැන්පතුව

මෙම ස්ථාවර තැන්පතුව 2/0148/01/18826 දරණ අංකය යටතේ 7.91% ක වාර්ෂික පොළී අනුපාතයකට ජාතික ඉතිරිකිරීමේ බැංකුවේ පවත්වාගෙන ගිය අතර වෙළඳපල පොළී අනුපාතයන් ක්ෂණිකව ඉහලයාමෙන් ඇතිවූ මූල්‍යමය වාසිය කාල ප්‍රමාදයකින් තොරව ආයතනයට ලබාගැනීමේ අරමුණින් අදාල බැංකුවෙන් මිල කැඳවුමක් ලබාගෙන කළමනාකරණ මණ්ඩලයේ අනුමැතිය මත 2022.04.26 සිට 2022.07.26 දක්වා මාස 03ක කාලයකට 2/0148/01/23137 අංකය යටතේ 19.25% ක වාර්ෂික පොළී අනුපාතයකට නැවත ආයෝජනය කිරීමට කටයුතු කරන ලදී. එසේම එවකට පැවති ආර්ථික අර්බුදය හා ඉන්ධන අර්බුදය හේතුවෙන් පැන නැගුණු ප්‍රවාහන දුෂ්කරතාවය හේතුවෙන් අනෙකුත් බැංකුවලින් මිල ගණන් කැඳවීමේදී වැඩි කාලයක් ගතවන බැවින් වෙළඳපල පොළී අනුපාතයේ සිදුවූ ක්ෂණික වැඩිවීමේ වාසිය ආයතනයට ඉතා ඉක්මනින් ලබාගැනීම සඳහා මෙසේ ආයෝජනය කිරීමට කටයුතු කරන ලදී.

එසේම මෙම අංක 2/0148/01/23137 අංක දරණ ස්ථාවර තැන්පතුව 2/0148/01/26535 දරණ නව අංකය යටතේ 2022.07.26 - 2022.10.26 දක්වා මාස 3ක කාලයකට නැවත ආයෝජනය කිරීමේදී මිල ගණන් කැඳවා කළමනාකරණ මණ්ඩලයේ අනුමැතිය මත ආයෝජනය කිරීමට කටයුතු කර ඇත.

ජාතික ඉතිරිකිරීමේ බැංකුවේ පවත්වාගෙන ගිය අංක : 2/0148/01/23129 හා 2/0148/01/26543 දරණ ස්ථාවර තැන්පතුව

මෙම ස්ථාවර තැන්පතුව 2/0148/01/19334 දරණ අංකය යටතේ 8.6% ක වාර්ෂික පොළී අනුපාතයකට ජාතික ඉතිරිකිරීමේ බැංකුවේ පවත්වාගෙන ගිය අතර වෙළඳපල පොළී අනුපාතයන් ක්ෂණිකව ඉහලයාමෙන් ඇතිවූ මූල්‍යමය වාසිය කාල ප්‍රමාදයකින් තොරව ආයතනයට ලබාගැනීමේ අරමුණින් අදාල බැංකුවෙන් මිල කැඳවුමක් ලබාගෙන කළමනාකරණ මණ්ඩලයේ අනුමැතිය මත 2022.04.26 සිට 2022.07.26 දක්වා මාස 03ක කාලයකට 2/0148/01/23129 අංකය යටතේ 19.25% ක වාර්ෂික පොළී අනුපාතයකට නැවත ආයෝජනය කිරීමට කටයුතු කරන ලදී. එසේම එවකට පැවති ආර්ථික අර්බුදය හා ඉන්ධන අර්බුදය හේතුවෙන් පැන නැගුණු ප්‍රවාහන දුෂ්කරතාවය හේතුවෙන් අනෙකුත් බැංකුවලින් මිල ගණන් කැඳවීමේදී වැඩි කාලයක් ගතවන බැවින් වෙළඳපල පොළී අනුපාතයේ සිදුවූ ක්ෂණික වැඩිවීමේ වාසිය ආයතනයට ඉතා ඉක්මනින් ලබාගැනීම සඳහා මෙසේ ආයෝජනය කිරීමට කටයුතු කර ඇත.

කරන ලදී.

එසේම මෙම අංක 2/0148/01/23129 අංක දරණ ස්ථාවර තැන්පතුව 2/0148/01/26543 දරණ නව අංකය යටතේ 2022.07.26 - 2022.10.26 දක්වා මාස 03ක කාලයකට නැවත ආයෝජනය කිරීමේදී මිල ගණන් කැඳවා කළමනාකරණ මණ්ඩලයේ අනුමැතිය මත ආයෝජනය කිරීමට කටයුතු කර ඇත.

එසේම විද්‍යා පශ්චාත් උපාධි ආයතනයේ 2009 සිට 2016 දක්වා කාලය තුළ එවකට සිටි ජ්‍යෙෂ්ඨ සහකාර මූල්‍යාධිකාරී විසින් සිදු කරනු ලැබ ඇති මූල්‍ය වංචාව මහජන බැංකුවේ පවත්වාගෙන යනු ලැබූ ස්ථාවර තැන්පතුවලට අදාළව සිදුවී ඇති බැවින් 2017.06.24 දින පැවති 75 වන විගණන කමිටු රැස්වීමේදී ලබාදුන් නිර්දේශය 2017.09.02 දින පැවති 137 වන කළමනාකරණ කමිටු රැස්වීමට යොමුකර එමගින් ලබාදුන් අනුමැතිය ප්‍රකාරව නව ස්ථාවර තැන්පතු ආරම්භ කිරීමේදී හා පවත්නා ස්ථාවර තැන්පතු අළුත් කිරීමේදී මහජන බැංකුවෙන් මිල කැඳවීමට කටයුතු නොකරන ලදී. එසේම 2021.01.22 දින පැවති 86 වන විගණන කමිටු රැස්වීමේදී ද මිල කැඳවීම් ලබාගැනීමේදී මහජන බැංකුව ඉවත් කිරීමට නිර්දේශ කර ඇත. කෙසේ වෙතත් 2024.03.07 දින පැවති 97 වන විගණන කමිටු රැස්වීමේදී මේ සම්බන්ධයෙන් දීර්ඝව සාකච්ඡා කරන ලද අතර එහිදී ඉදිරියේදී මිල ගණන් කැඳවීමේදී මහජන බැංකුවෙන්ද මිල කැඳවීම් ලබාගැනීමට නිර්දේශ කරන ලදී. මෙම නිර්දේශය 2024.07.20 දින පැවති 179 වන කළමනාකරණ මණ්ඩල රැස්වීමට යොමුකරන ලද අතර එහිදී ලබාදුන් අනුමැතිය ප්‍රකාරව ඉදිරියේදී මහජන බැංකුවෙන්ද මිල කැඳවීම් ලබාගැනීමට කටයුතු කරනු ලැබේ. එසේම අදාළ ස්ථාවර තැන්පතු නැවත ආයෝජනය කිරීමේදී මහජන බැංකුව හැර අනෙකුත් රාජ්‍ය බැංකුවලින් මිල ගණන් කැඳවා ලබාදුන් ඉහලම පොළී අනුපාතය යටතේ අදාළ ආයෝජනයන් සිදු කිරීමට කටයුතු කර ඇති බව දන්වා සිටිමි.

(ඊ) විද්‍යා පශ්චාත් උපාධි ආයතනයේ උපයනු ලබන ආදායමින් ලබාදී ඇති මෙම පර්යේෂණ ප්‍රදාන අවසන් කිරීම සඳහා 2024.05.31 දින දක්වා කාලය දීර්ඝ කිරීමක් ලබාදීමට 2024 මාර්තු 05 දින පැවති 12වන පර්යේෂණ ප්‍රදාන කමිටුවේ අනුමැතිය ලබාදී ඇත. ඒ අනුව මෙම දිනට පෙර අදාළ අරමුදල් උපයෝජනය කරන ලෙසත් එදිනට පෙර මෙම පර්යේෂණයන්හි අවසන් වාර්තා ඉදිරිපත් කරන ලෙසත් සියළුම පර්යේෂණ ආධාරලාභීන් දැනුවත් කර ඇත. ඒ අනුව ඉදිරියේදී මෙම පර්යේෂණ ආධාර ගිණුම්වල පවත්නා ශේෂයන් නිරවුල් කිරීමට කටයුතු කරනු ලැබේ.

(උ) 2021 වසරේ විද්‍යා පශ්චාත් උපාධි ආයතනයේ ලියාපදිංචි සිසුන් සංඛ්‍යාව අඩුවීමට හේතු වූයේ එම වසරේ ආරම්භ කරන ලද්දේ පාඨමාලා 3 ක් පමණක් බැවිනි. ඊට හේතුව 2020 වසරේ දෙසැම්බර් අගභාගයේදී පාඨමාලා 17 ක් සඳහා අයදුම් පත්‍ර කැඳවා අදාළ තේරීම් කටයුතු අවසන් වීමෙන් පසුව එම පාඨමාලා 2020 වසරේ නොවැම්බර් /දෙසැම්බර් මාස වල සහ 2021 ජනවාරි මාසයේදී ආරම්භ කිරීමයි. එසේ ආරම්භ කරන ලද පාඨමාලා 3 ද පොදු වශයෙන් සිසුන් විශාල ප්‍රමාණයෙන් අයදුම් කරනු ලබන පාඨමාලා නොවන අතර එම පාඨමාලා අදාළ අංශයෙහි අවශ්‍යතාවය (job oriented) ඇති සිසුන් පමණක් අයදුම් කරනු ලබන පාඨමාලා වේ.

එසේ ආරම්භ කරන ලද පාඨමාලාවලට නැවත අයදුම්පත්‍ර කැඳවනු ලබන්නේ යම් කාලසීමාවකට පසුව වේ. ඊට හේතුව වන්නේ එකම පාඨමාලාවන් සඳහා එක ළඟ අයදුම්පත්‍ර කැඳවන විට පාඨමාලාව සඳහා ලියාපදිංචි වන සිසුන් සංඛ්‍යාව අඩුවීම, අදාළ

පාඨමාලා සඳහා සම්පත් දායකයින් අනුයුක්ත කිරීමේ ගැටළු සහ දේශන සඳහා දේශන ශාලා ලබාදීමේදී ගැටළු පැන නඟින බැවිනි.

එසේම අනපේක්ෂිතව රටේ ඇති වූ විවිධ ව්‍යාකූලත්වයන් නිසා ඇතැම් අධ්‍යයන පාඨමාලා නියමිත කාලය තුළදී අවසන් කිරීමට නොහැකි වූ බැවින් වසරේ මුළුදී අඩු පාඨමාලා සංඛ්‍යාවක් සඳහා ඉල්ලුම්පත් කැඳවීමට සිදු වූ අතර සිසුන් ලියාපදිංචියේද අඩුවක් දක්නට ලැබුණි.

විද්‍යා පශ්චාත් උපාධි ආයතනයේ යම් වසරක ලියාපදිංචි වන ශිෂ්‍යයන්ට පාඨමාලා සම්පූර්ණයෙන් අවසන් කිරීම සඳහා අවුරුදු 05 ක කාලයක් මූලිකව ලබා දෙනු ලැබේ. සිසුන් පාඨමාලා අධ්‍යයන කටයුතු නියමිත කාලය තුළ අවසන් කළද ඇතැම් සිසුන් විවිධ හේතූන් මත විභාග වලට පෙනී සිටීම සහ පර්යේෂණ අධ්‍යයන කටයුතු අවසන් කිරීමට තවදුරටත් කල් ලබා ගැනීම සිදු කරනු ලබයි.

2019, 2020, 2021 සහ 2022 යන වසර වලදී ලියාපදිංචි වූ සිසුන්ගෙන් පාඨමාලා අවසන් කරන ලද ශිෂ්‍ය සංඛ්‍යාව පහත පරිදි වේ (වගු අංක 01). 2022 සහ 2023 යන වසර වලදී ලියාපදිංචි වූ සිසුන් තවදුරටත් SLQF 9 මට්ටමේ පාඨමාලා අධ්‍යයන කටයුතු වල නිරත වේ. ඒසේම 2019, 2020 හා 2021 වසර වලදී ලියාපදිංචි වූ සිසුන් එම මට්ටමින් එනම් Masters Degree වලින් තම උපාධි පාඨමාලාව සම්පූර්ණ කර ඇති අතර ඉතිරි සිසුන් SLQF 10 මට්ටමට (M. Sc. Degree) ලියාපදිංචි වී මේ වන විට පර්යේෂණ අධ්‍යයන කටයුතු වල නිරත වී සිටී. ඒ අනුව මෙම සිසුන් ඉදිරි කාලයේදී තම පාඨමාලා අවසන් කරනු ඇත. කෙසේ වුවද, 2019, 2020 හා 2021 වර්ෂයන්හිදී රටෙහි සහ සමාජයේ ඇති වූ විවිධ ව්‍යාකූලත්වයන් නිසා අධ්‍යයන කටයුතු/විද්‍යාගාර ප්‍රායෝගික පන්ති/ක්ෂේත්‍ර වාරිකා හා පර්යේෂණ කටයුතු ඇතුළු පාඨමාලාවන් සම්පූර්ණ කිරීමට සිදුකල යුතු කටයුතු පෙර වර්ෂයන්හිදී මෙන් සාමාන්‍ය තත්ත්වයෙන් කරගෙන යාමට විද්‍යා පශ්චාත් උපාධි ආයතනයට මෙන්ම එහි ලියාපදිංචි සිසුන්ට ද අපහසු තත්ත්වයක් උදා විය. කෙසේ වුවත්, මාර්ගගත අධ්‍යයන ක්‍රමවේදය ඔස්සේ අතපසුවී තිබූ අධ්‍යයන කටයුතු නිම කිරීමටත් අතපසුවූ ප්‍රායෝගික පරීක්ෂණ හා විභාග කටයුතු සිසුන්ගේ භෞතික සහභාගීත්වයෙන් නිම කිරීමටත් පසුව කටයුතු කරන ලදී.

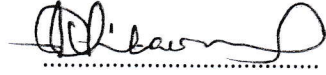
විවිධ අභියෝග හමුවේ වුවත් විද්‍යා පශ්චාත් උපාධි ආයතනයට උපාධි ප්‍රධානෝත්සවය සඳහා පහත දැක්වෙන ශිෂ්‍ය සංඛ්‍යාව සහභාගී කරවීමට හැකිවිය.

වර්ෂය	උපාධි ප්‍රධානෝත්සවය සඳහා සහභාගී වූ ශිෂ්‍ය සංඛ්‍යාව
2021	224
2022	314

වගු අංක: 01

ඒසේම 2023 අධ්‍යයන වර්ෂයට අදාළව 2024 උපාධි ප්‍රධානෝත්සවය සිසුන් 362 ක් සහභාගී කරවීමට හැකිවිය.

- (උෟ) ප්‍රස්තකාල පොත් මිලදී ගැනීම සඳහා සැපයුම්කරුවන් දෙදෙනෙකුට සිදුකරන ලද ඇණවුම් මත මෙම අත්තිකාරම් මුදල ලබාදීමට කටයුතු කලද අදාල පොත් ඒ වන විට මුද්‍රණයෙන් ඉවත්කර ඇති බව සැපයුම්කරුවන් විසින් ආයතනය වෙත දන්වා ඇත. එබැවින් මේ පිළිබඳව අධ්‍යයන මණ්ඩල දැනුවත් කර ඒ සඳහා විකල්ප පොත් මිලදී ගැනීමට හෝ අදාල මුදල් නැවත අයකර ගැනීමට මේ වන විටත් කටයුතු කරමින් පවතී.



මහාචාර්ය එච්. එම්. ටී. ජී. ඒ පිට්ටල

අධ්‍යක්ෂ

විද්‍යා පශ්චාත් උපාධි ආයතනය

DIRECTOR
Postgraduate Institute of Science
University of Peradeniya
Peradeniya - Sri Lanka.

The explanation for the audit report

No : CPCG/KD/D/PGIS/2024/04

Subject : Report of the Auditor General on the Financial Statements and Other Legal and Regulatory Requirements of the Postgraduate Institute of Science for the year ended 31 December 2023 in terms of Section 12 of the National Audit Act, No. 19 of 2018.

The explanations regarding the audit report bearing the aforementioned number and subject are presented below.

02	<u>The report on other legal and regulatory requirements.</u>		
	2.2.2		
		(a)	<u>Reference to laws, rules/Directives</u> <u>Section 9.12 of the Public Enterprise Circular No. PED/12 dated June 02, 2003.</u> This corporate insurance scheme has been initiated for the employees of the University of Peradeniya and its affiliated institutions, based on the contribution of the institute and the employees, with the approval of the Finance Committee and the Council of the University of Peradeniya. For the employees of the Postgraduate Institute of Science involved in this, the institute's contribution has been included under "Staff Welfare" in the relevant years' budget, and after submitting these budget documents to the University Grants Commission, it has taken steps to obtain approval from the Department of Public Enterprises and the Treasury.
		(b)	<u>The Government Procurement Guidelines 2006 - Section 7.9.2 (a) Procurement Manual.</u> The total monthly fee in the bid specifications submitted by the relevant supplier was incorrectly stated as Rs. 140,000, whereas the actual total of the individual item prices in the price schedule amounted to only Rs. 37,000. In accordance with the provisions outlined in Section 7.9.2 (a) of the Government Procurement Manual, it has been determined by both the Technical Evaluation Committee and the Procurement Committee that this constitutes a mathematical error that cannot be corrected. Consequently, the relevant evaluation process was conducted, and the cleaning service was awarded to the lowest corrected bid. However, in accordance with the procedure for correcting mathematical errors, a copy of the letter submitted by the relevant supplier, stating their inability to accept the contract for the monthly amount of Rs. 37,000, which was incorrectly recorded, is forwarded herewith for audit.

	2.2.3		<u>Powers, Duties and Functions</u> <u>The letter of the University Grants Commission bearing No. UGC/L/2020 dated 18 May 2018.</u> According to the initial ordinance of the Postgraduate Institute of Science, the number of members on the Board of Management was set at 40. Based on a COPE committee recommendation, this number was reduced to 20 in the amended ordinance in 2012. However, as pointed out in the audit observation, it had been decided in the 980th meeting of the University Grants Commission, and as per letter No. UGC/L/2020 dated 18 May 2018, that the total membership of all postgraduate institutes should be limited to a maximum of 11 members. However, since the number of members that must be included as essential representatives in the composition of the Board of Management of the Postgraduate Institute of Science is stated as 20 in the amended ordinance of 2012, the Director of the Postgraduate Institute of Science, through a letter dated 30.07.2018, has requested the Chairman of the University Grants Commission to consider including the same number of members in the composition of the Board of Management. However, as highlighted in another audit observation, the reduction of the composition of the Board of Management will be considered further in the future.
	2.3		<u>Other Matters</u>
		(a)	The audit report indicates the course fees that are still due from students registered at the Postgraduate Institute of Science during the period from 2017 to 2022. A total of 2,273 students were registered during this period, and the total amount of course fees due from them is Rs. 428,815,000.00. Therefore, the course fees that further remain outstanding represent 6.7% of the total course fees. As charging the entire course fee at once significantly affects student enrollment for courses at the Postgraduate Institute of Science, and with the aim of providing relief to students facing financial difficulties, the institute has implemented a policy allowing the total course fee to be paid in installments. Additionally, when preparing budgets for each course, the institute eliminates 20% of the total course fees due from registered students to account for course dropouts, and the revenue estimates are prepared accordingly. However, reminder letters have already been sent to all students regarding the outstanding payments, and necessary steps will be taken in the future to recover these amounts.
		(b)	Following the prescribed tender process for the establishment of a Management Information System (MIS) at the Postgraduate Institute of Science, the CICRA Solutions was selected, and a contract was signed with the company on

		12.06.2022. During the implementation of this project, the institute encountered the following difficulties, which resulted in delays in the installation of the Management Information System. i. Although lecturer. P. Gunatilaka from the Department of Computer Science at the Faculty of Science was initially appointed as the coordinator for overseeing the technical aspects of the Management Information System, he suddenly resigned from the university service. Due to the limited staff at the Department of Computer Science in the Faculty of Science and the heavy workload on the existing staff, it was extremely challenging to appoint a new coordinator. However, it was possible to appoint Mrs. Sathya Wijewardene as the new coordinator in September 2023, and as a result, the relevant tasks were able to be expedited. ii. The Management Information System is comprised of seven modules, including Registration, Students, Academic, Event Management, Administrative, Audit, and Inventory Management. During the preparation of the Software Requirement Specifications (SRS), unforeseen complexities were encountered. As a result, there has been a delay in the installation of the system. iii. Additionally, due to the fuel crisis in the country in 2022, activities planned for the Postgraduate Institute of Science had to be carried out through online methods. This also contributed to the delay in the installation of the system. Due to the aforementioned reasons, an extension for the installation of the Management Information System has been obtained, as outlined in the letter No. HE/PR/UoP/GEN dated 17.03.2023, issued by the Ministry of Education. Furthermore, the Software Requirement Specifications (SRS) for all modules have been completed by now, and accordingly, further activities relating to the installation of the Management Information System is progressing.
	(c)	The chemical materials pointed out by audit report and purchased by the Postgraduate Institute of Science for various departments have been procured based on the provisions included in the approved budget for each respective postgraduate course or research grant. These purchases have been made specifically based on the needs of the students of the respective courses, either at the request of the course coordinator and the chairman of the academic board for the course or at the request of the research grant recipient.

		(d) The explanations related to the fixed deposits, which are stated in the audit report to have been invested without inviting quotations, are as follows <u>People's Bank</u> <u>Accounts bearing Nos : 057-60-01-000054405, 057-60-01-000054389, 057-60-01-000054370, 057-60-01-000054398, 057-60-01-00002301-0, 057-60-01-00002913-0 maintained at People's Bank</u> There is a need to retain the original copies of these fixed deposit certificates in case they are required to be presented as evidence in the High Court trial related to the financial fraud committed by the then Senior Assistant Bursar of the Postgraduate Institute of Science during the period from 2009 to 2016. It has been noted in the special forensic audit report that the relevant Senior Assistant Bursar had retained these fixed deposits with the intention of obtaining funds by signing them on the reverse prior to their maturity. Upon reinvesting these deposits in the People's Bank, quotations were invited from the bank, and the reinvestment was made with the approval of the board of management. However, this matter was extensively discussed during the 97th Audit Committee meeting held on 07 March 2024, and it was recommended to seek advice from the Attorney General's Department, the university's legal division, and the attorney-at-law representing this matter regarding the necessity of continuing to maintain these deposits with the same bank. Accordingly, the relevant legal advice is already being sought, and the recommendations will be submitted to the forthcoming Audit Committee and the Management Board for necessary further action. <u>National Savings Bank</u> <u>Fixed deposit numbers 2/014/01/26497 and 2/014/01/23153 maintained at the National Savings Bank</u> This fixed deposit was held under number 2/0148/01/17978 at the National Savings Bank at an annual interest rate of 6.1%. To take advantage of the financial benefits resulting from the rapid increase in market interest rates without delay, a quotation was obtained from the relevant bank, and based on the approval of the board of management, the fixed deposit was reinvested at an interest rate of 19.25% for a period of three months, from 26.04. 2022 to 26.07.2022. Furthermore, due to the economic crisis and fuel shortage at the time, which led to transportation difficulties and delays in obtaining quotations from other banks, the deposit was reinvested at this rate to quickly capitalize on the immediate increase in market interest rates for the institute. Furthermore, when reinvesting the fixed deposit bearing number 2/014/01/23153 under the new number 2/014/01/26497 for the period from 26 July 2022 to 26 October 2022, quotations were obtained and the reinvestment was carried out with the approval of the board of management.
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		<u>Fixed deposit numbers 2/0148/01/23145 and 2/0148/01/26527 maintained at the National Savings Bank</u> This fixed deposit was held under number 2/0148/01/18532 at the National Savings Bank at an annual interest rate of 7.5%. To take advantage of the financial benefits resulting from the rapid increase in market interest rates without delay, a quotation was obtained from the relevant bank, and based on the approval of the board of management, the fixed deposit was reinvested under the number 2/0148/01/23145 at an interest rate of 19.25% for a period of three months, from 27.04. 2022 to 26.07.2022. Furthermore, due to the economic crisis and fuel shortage at the time, which led to transportation difficulties and delays in obtaining quotations from other banks, the deposit was reinvested at this rate to quickly capitalize on the immediate increase in market interest rates for the institute. Furthermore, when reinvesting this fixed deposit bearing number 2/0148/01/23145 under the new number 2/0148/01/26527 for the period of 03 months from 26.07. 2022 to 26.10.2022, quotations were obtained and the reinvestment was carried out with the approval of the board of management. <u>Fixed deposit numbers 2/0148/01/23161 and 2/0148/01/26519 maintained at the National Savings Bank</u> This fixed deposit was held under number 2/0148/01/19946 at the National Savings Bank at an annual interest rate of 8.6%. To take advantage of the financial benefits resulting from the rapid increase in market interest rates without delay, a quotation was obtained from the relevant bank, and based on the approval of the board of management, the fixed deposit was reinvested under the number 2/0148/01/23161 at an interest rate of 19.25% for a period of three months, from 26.04. 2022 to 26.07.2022. Furthermore, due to the economic crisis and fuel shortage at the time, which led to transportation difficulties and delays in obtaining quotations from other banks, the deposit was reinvested at this rate to quickly capitalize on the immediate increase in market interest rates for the institute. Furthermore, when reinvesting this fixed deposit bearing number 2/0148/01/23161 under the new number 2/0148/01/26519 for the period of 03 months from 26.07. 2022 to 26.10.2022, quotations were obtained and the reinvestment was carried out with the approval of the board of management <u>Fixed deposit numbers 2/0148/01/23137 and 2/0148/01/26535 maintained at the National Savings Bank</u> This fixed deposit was held under number 2/0148/01/18826 at the National Savings Bank at an annual interest rate of 7.91%. To take advantage of the financial benefits resulting from the rapid increase in market interest rates
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		without delay, a quotation was obtained from the relevant bank, and based on the approval of the board of management, the fixed deposit was reinvested under the number 2/0148/01/23137 at an interest rate of 19.25% for a period of three months, from 26.04. 2022 to 26.07.2022. Furthermore, due to the economic crisis and fuel shortage at the time, which led to transportation difficulties and delays in obtaining quotations from other banks, the deposit was reinvested at this rate to quickly capitalize on the immediate increase in market interest rates for the institute. Furthermore, when reinvesting this fixed deposit bearing number 2/0148/01/23137 under the new number 2/0148/01/26535 for the period of 03 months from 26.07. 2022 to 26.10.2022, quotations were obtained and the reinvestment was carried out with the approval of the board of management. <u>Fixed deposit numbers 2/0148/01/23129 and 2/0148/01/26543 maintained at the National Savings Bank</u> This fixed deposit was held under number 2/0148/01/19334 at the National Savings Bank at an annual interest rate of 8.6%. To take advantage of the financial benefits resulting from the rapid increase in market interest rates without delay, a quotation was obtained from the relevant bank, and based on the approval of the board of management, the fixed deposit was reinvested under the number 2/0148/01/23129 at an interest rate of 19.25% for a period of three months, from 26.04. 2022 to 26.07.2022. Furthermore, due to the economic crisis and fuel shortage at the time, which led to transportation difficulties and delays in obtaining quotations from other banks, the deposit was reinvested at this rate to quickly capitalize on the immediate increase in market interest rates for the institute. Furthermore, when reinvesting this fixed deposit bearing number 2/0148/01/23129 under the new number 2/0148/01/26543 for the period of 03 months from 26.07. 2022 to 26.10.2022, quotations were obtained and the reinvestment was carried out with the approval of the board of management. Furthermore, as the financial fraud committed by the then Senior Assistant Bursar of the Postgraduate Institute of Science during the period from 2009 to 2016 pertains to the fixed deposits maintained with the People's Bank, the recommendation made at the 75th Audit Committee meeting held on 24.06.2017 was forwarded to the 137th Management Committee meeting held on 02.09.2017 for approval. Based on that approval, no bids were solicited from the People's Bank when initiating new fixed deposits or renewing existing ones. Similarly, at the 86th Audit Committee meeting held on 22.01.2021, it was recommended to exclude the People's Bank from the bidding process. However, during the 97th Audit Committee meeting held on 07.03.2024, this matter was discussed at length, and it was recommended to obtain bids from the People's
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			Bank in future bidding processes. This recommendation was submitted to the 179th Management Board meeting held on 20.07.2024, and based on the approval granted, steps will be taken to obtain bids from the People's Bank in the future. Furthermore, I wish to inform you that when reinvesting the relevant fixed deposits, bids were solicited from other state banks, excluding the People's Bank, and the investments were made under the highest interest rate offered.
		(e)	The 12th Research Grants Committee, held on 05 March 2024 granted approval to extend the deadline for the completion of these research grants, funded by the income generated by the Postgraduate Institute of Science, until 31.05.2024. Accordingly, all grant recipients have been informed to utilize the allocated funds before this date and to submit their final reports by then. Accordingly, steps will be taken to settle the remaining balances in these research grant accounts in the future.
		(f)	The reason for the decrease in the number of students registered at the Postgraduate Institute of Science in 2021 was that only three courses were initiated that year. This was due to the fact that, after calling for applications for 17 courses in late December 2020 and completing the relevant selection processes, those courses were initiated in November/December 2020 and January 2021. Furthermore, the three courses that were initiated were not generally ones that attract a large number of applicants. These courses were job-oriented, and only students with a specific need in the relevant field applied for them. Applications for the courses that were initiated are called again only after a certain period. This is because calling for applications for the same courses too frequently results in a decrease in the number of registered students, issues in assigning resource persons for the courses, and difficulties in securing lecture halls for the lectures. Furthermore, due to various unforeseen crises in the country, some academic courses could not be completed within the scheduled time. As a result, only a limited number of courses were open for applications at the beginning of the year, leading to a noticeable decline in student registrations. At the Postgraduate Institute of Science, students registered in a particular year are initially given a period of five years to complete their courses. Although some students finish their academic work within the scheduled time, others, due to various reasons, request additional time to sit for exams and complete their research work. The number of students who completed their courses from those registered in the years 2019, 2020, 2021, and 2022 is as follows (Table 01). Students registered in 2022 and 2023 are still engaged in academic activities of the SLQF

		9 Level courses. Additionally, students registered in 2019, 2020, and 2021 have completed their degree programs at the Masters level, while the remaining students are enrolled at the SLQF Level 10 (M.Sc. Degree) and are currently engaged in research activities. Accordingly, these students are expected to complete their programs in the future. However, due to various crises in the country and society during the years 2019, 2020, and 2021, both the Postgraduate Institute of Science and its registered students faced difficulties in conducting academic activities, laboratory practical classes, field trips, and research work as usual and this situation made it challenging to complete the courses under normal conditions, as in the previous years. However, efforts were later made to complete the academic activities that were postponed through online learning methods, as well as to conduct practical tests and examinations with the physical presence of students. Despite various challenges, the Postgraduate Institute of Science was able to facilitate the participation of the following number of students in the graduation ceremony. <table><tr><th>Year</th><th>Number of students participated in the graduation ceremony</th></tr><tr><td>2021</td><td>224</td></tr><tr><td>2022</td><td>314</td></tr></table> Table No: 01 Similarly, for the academic year 2023, it was possible to ensure 362 students participation in the 2024 graduation ceremony	Year	Number of students participated in the graduation ceremony	2021	224	2022	314
Year	Number of students participated in the graduation ceremony							
2021	224							
2022	314							
	(g)	Although arrangements were made to provide the advance amount based on orders placed with two suppliers for the purchase of library books, the suppliers have informed the institute that the books have since been withdrawn from print. Therefore, the Academic Boards have been notified of this situation, and efforts are currently underway to either purchase alternative books or to recover the relevant funds.						

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Professor H. M. T. G. Epithawala
Director
Postgraduate Institute of Science

THE ORIGINAL DOCUMENT HAS BEEN
SIGNED

**15. REPORT OF THE AUDIT &
MANAGEMENT COMMITTEE
PGIS - 2023**

REPORT OF THE AUDIT & MANAGEMENT COMMITTEE, POSTGRADUATE INSTITUTE OF SCIENCE - 2023

Introduction

The Audit and Management Committee was appointed by the Postgraduate Institute of Science Board of Management at its 141st Meeting held on 09.05.2018. The Committee consists of two Non-Executive Governing Council Members of the university and a member representing the general Treasury under the provisions made in paragraph 7.4.1 of the Public Enterprises Guidelines for Good Governance.

In the year 2023, four (04) Audit and Management Committee meetings were held with the participation of the Director, Deputy Bursar, Assistant Registrar, and the Superintendent of Audit of the National Audit Office, who is the representative of the Auditor General of Sri Lanka. The Audit & Management Committee performs its duties according to the scope specified in the Public Enterprises Guidelines for Good Governance, University Grants Commission Circulars, and Ministry of Higher Education Circulars and makes recommendations to strengthen the internal control systems for the operations of Finance, Academic, Non-Academic, Activities and improve the Administrative Procedures of the Postgraduate Institute of Science, University of Peradeniya.

Progress

During the year under review, the Audit and Management Committee has made several recommendations, directions, and proposals that have paved the way towards the improvement of internal controls and auditing. Postgraduate Institute of Science, University of Peradeniya, was also able to obtain a Qualified Audit Opinion (clear opinion) from the Auditor General on the Financial Statements for the financial year ended 31st December 2022.

Internal Audit Division

Important matters and work done by the Internal Audit Division under the guidance of the Audit & Management Committee can be summarized as follows.

- The Internal Audit Division has made 15 recommendations by issuing two comprehensive internal audit reports covering the following areas:
 - Management of the investment portfolio of the institute.
 - Internal control procedures for short courses.

- Liaised with the External Auditor and directed the Officers employed by the Postgraduate Institute of Science, University of Peradeniya to take follow-up actions on highlighted flaws and lapses on audit queries and reports of the Auditor General.
- In addition, the Internal Audit Division has almost covered its Annual Internal Audit Plan by using sample Audit techniques, Tests of controls, Substantive analytical procedures, and detailed substantive procedures.

Accordingly, the important matters were discussed in the meetings of the Audit and Management Committee, and the recommendations of the committee can be summarised as follows.

- Reviewed, evaluated the Investment portfolio of the institute and made recommendations to strengthen the internal control system and improve the returns on the portfolio.
- To follow the rules and regulations regarding, documentation of the personal file and releasing the retirement benefits of the employees reported through the management letter placed before the Audit and Management Committee.
- To follow the SOPs and guidelines for consulting services provided by the PGIS.
- Reviewed, evaluated, and made recommendations on internal controls on the administration and payment process for a short course.
- Reviewed the financial fraud that occurred at the PGIS and made recommendations to be kept as a regular agenda item of the Board of Management and recommended table the progress of the matter at the Audit and Management Committee.
- To implement the security deposit as per FR 880 for the officers who are handling cash transactions and cash equivalent
- To expedite the process of verifying the assets and to submit the reports to the auditors on time.
- Actions to be taken to introduce the income recognition policy and apply it to the receivables of the students in the accounting of students' receivables.

The following are the comments made by the Chairman of the Audit and Management Committee.

- The present management has taken positive steps to implement the recommendations of the Audit & Management Committee Internal Audit Division and National Audit office.
- It is observed that the necessary steps are being taken to rectify the weaknesses in the internal control systems of the investment portfolio of the institute. Further, the chairman stressed that management will have to be more vigilant continuously on the return and internal controls of the area.

- The institute has to be reorganised to identify weaknesses in the staff, design and conduct training programmes to improve the performance of staff in each category. The staff of the Administration/ Finance Divisions have to be fully aware of the rules and regulatory framework of the institute. The staff awareness programmes need to be improved.
- The continued cooperation and support from all stakeholders is vital for the successful implementation of the recommended internal controls by the Internal Audit Division, Audit & Management Committee, and Auditor General

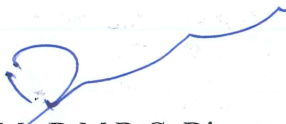
Failures and Justification

The Internal Audit Division has listed their internal audit activities on the approved internal audit plan under insufficient human resource allocation. Presently, the Internal Audit Division has expanded its duties of internal audit not only to the University of Peradeniya but also to the Postgraduate Institute of Agriculture, Postgraduate Institute of Science, Postgraduate Institute of Humanities & Social Sciences, and Postgraduate Institute of Medical Sciences since 2019.

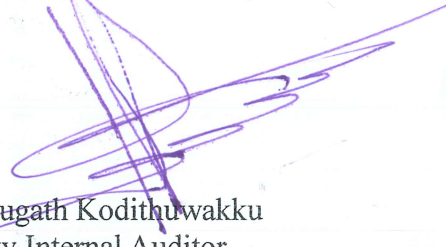
When considering the huge volume of activities of the University of Peradeniya and its postgraduate institutes, it is justifiable to provide additional cadres to fully implement the annual audit plan of the university.

Future Plans

The Audit and Management Committee of the Postgraduate Institute of Science is planning to further extend its objectives to review the systems and controls and make recommendations to strengthen the internal control systems for upgrading the financial and administrative procedures of the Postgraduate Institute of Science, University of Peradeniya. Further, it is requested to increase human resource allocation for the Internal Audit Division to effectively perform its duties and functions.



Mr. D.M.B.G. Diyagama
Chairman, Audit & Management Committee
Postgraduate Institute of Sciences



Mr. Sugath Kodithuwakku
Deputy Internal Auditor