



# PGIS News

*Activities and Progress of the Postgraduate Institute  
of Science (PGIS),  
University of Peradeniya, Sri Lanka.*



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## 1. Annual Pirith chanting ceremony

01/01/2024

The PGIS staff organized a heartfelt event to extend warm wishes to all its members and the entire university community. Lecturers, staff, and students of PGIS actively participated in the gathering. A special moment was dedicated to honoring the late Dr. Buddhika Dassanayake, a beloved senior lecturer and resource person at PGIS, who passed away last year. The event served as a meaningful occasion for remembrance and unity within the institution.





## 2. Certificate awarding ceremony of the short course in bioinformatics : Introduction & Methods

12/01/2024



The event took place at the PGIS conference room in a hybrid format. Certificates were awarded to participants who successfully completed the three-month Bioinformatics course, which ran from July to October last year. The guest speaker for the day was Mr. Sampath Jayasundara, CEO and Director of hSenid Business Solutions PLC and PeoplesHR, Founder Director of Pioneer Institute of Business

and Technology (Pvt) Ltd, and Director of Finance at SLASSCOM, the IT-BPM association of Sri Lanka. He delivered an insightful speech on "In-Demand IT Skills: How to Acquire Essential IT Skills for Success in a Career as a Biologist.





### 3. Sri Lanka-Chinese cultural festival

01/03/2024

The event was held on the rooftop of PGIS with the aim of fostering stronger relationships between Chinese and Sri Lankan students pursuing higher education at the institute. The evening was brightened by cultural performances from both Sri Lankan and Chinese students, as well as lecturers from PGIS. To add to the fun, various interactive games were organized, encouraging everyone to participate and enjoy. The event concluded with a delightful dinner, bringing a memorable close to a day filled with cultural exchange and camaraderie.





## 4. Celebration of the World Water Day Programme

22/03/2024



To celebrate “World Water Day 2024”, a workshop was conducted at the main auditorium of the PGIS on March 22, 2024. The programme was organized by the “Water Resource Management Postgraduate degree programme” staff and students, under the leadership of Prof. Muditha Prasannajith Perera.

Prof. Muditha Prasannajith Perera, coordinator of the Water Resources Management Postgraduate Programme, introduced the importance of celebrating World Water Day and emphasized the importance of water resource management under the global climate change pathetic and controversial context. Then acting Director Prof. Kalinga Bandara addressed the gathering and expressed his gratitude for conducting this event. As a new event, Postgraduate student made an attractive presentation on the overview of the water resources of Sri Lanka. The Guest Speech was on “Mahaweli Approach to National Development” conducted by Prof. K.D.W. Nandalal, Faculty of Engineering, University of Peradeniya. At the end of the programme, there was a book donation programme to the PGIS, to the Department of Geography, as well as for every participant, with the support of several organizations including CapNet Sri Lanka. About 150 students, staff, and outside institutional members participated in the programme.

By:  
Prof. M.M.P. Perera, Department of Geography  
University of Peradeniya, Peradeniya





## 5. National Science Foundation SUSRED award 2023

April, 2024



This annual event, which began in 2011, continues to recognize and celebrate the outstanding achievements and contributions of scientists, particularly the supervisors who guide MPhil and PhD candidates in conducting research aimed at fostering development and innovation in Sri Lanka.

This year, Prof. Gehan Jayasuriya and Prof. Thilanka Gunaratne, who serve as resource persons at PGIS, were honored for their supervision of PhD student Dr. B.R.C.P. Samarasinghe. Who successfully completed PhD project in 2022, titled "Seed Biological Traits of Selected Rainforest Species from Sri Lanka, Towards Conservation of Biodiversity."



## 6. Computer Programming with AI: Applications in Biological Sciences Pre-RESCON 2024 Workshop

31/07/2024

The pre-RESCON 2024 workshop, held on July 31st, marked an exciting initiative to the RESCON international conference. This year's first workshop, titled "Computer Programming with AI: Applications in Biological Sciences," was successfully conducted by Dr. Dayanjan Shanaka Wijesinghe, Associate Professor at Virginia Commonwealth University, USA. The workshop provided a comprehensive, hands-on experience in using artificial intelligence to develop predictive machine learning models, equipping participants with essential skills for modern scientific research.

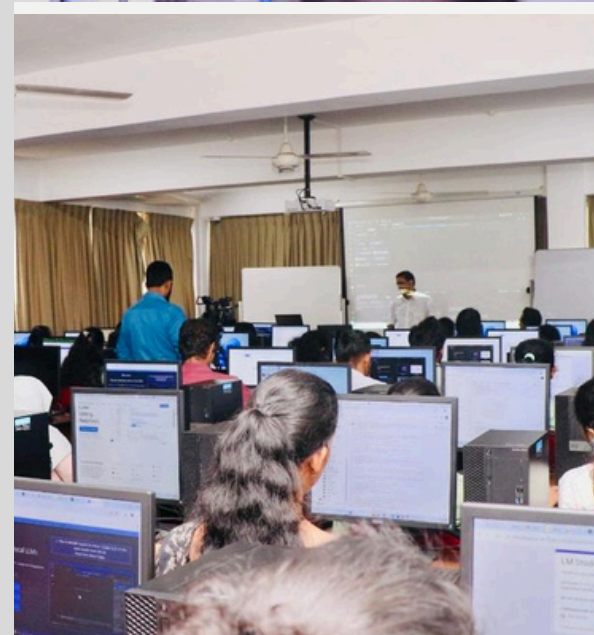
Professor Wijesinghe guided attendees through the details of coding using AI tools, starting with foundational steps like setting up Google Collab notebooks and utilizing Gemini for generating code from plain English commands. Participants learned to import datasets, perform summary statistics, create predictive algorithms, and validate these models with known data. Key resources such as Scikit Learn and Kaggle were highlighted for their roles in data analysis and machine learning.

The workshop emphasized practical applications, including deploying models globally using platforms like Streamlit and Gradio, and maintaining proof of work through saved Jupyter and Collab notebooks. Participants were encouraged to use multiple AI tools, such as ChatGPT and Hugging Face, for refining and validating their models. By the end of the session, attendees were well-equipped to integrate AI into their research.

The audience expressed great satisfaction with the workshop, particularly those from scientific backgrounds engaged in computational work and machine learning. All found the workshop to be highly resourceful and beneficial for their studies. The attendees conveyed their gratitude to Prof. Shanaka Wijesinghe for his insightful guidance and to the RESCON conference chair, Prof. Priyanga Wijesinghe, for securing such an esteemed expert to lead the session.

By:

Ms. Piyumi Sandunika  
Research Assistant  
Faculty of Science  
University of Peradeniya





## 7. The Ninth International Water Symposium 2024: Challenges Ahead

23/08/2024 & 24/08/2024



The Ninth International Water Symposium 2024, held on the 23rd and 24th of August at the Postgraduate Institute of Science (PGIS), marked another significant milestone in fostering academic collaboration and advancing research in water-related studies. With over 100 participants, the event brought together scholars, students, and professionals from various institutions and organizations, reflecting the growing importance of water research in Sri Lanka. It was organized by the Board of Study in Environmental Science of the PGIS.

This year, 58 abstracts were presented, showcasing a diverse range of research topics. Participants included undergraduates from the University of Peradeniya and other leading state and private universities, such as the University of Sri Jayawardenapura, University of Kelaniya, University of Jaffna, University of Ruhuna, IChem, and the National Institute of Fundamental Studies (NIFS). In addition, representatives from governmental organizations, including the National Water Supply and Drainage Board, contributed to the multidisciplinary discussions.

The symposium was inaugurated in the esteemed presence of the Chief Guest, Prof. Padmalal Manage, Vice Chancellor of the University of Sri Jayawardenapura. The ceremony, held at the PGIS Auditorium, was graced by key figures from the academic community, including Prof. H.M.T.G.A. Piatawala; the Director of PGIS, Prof. W.M.T. Madhujith; Vice Chancellor of the University of Peradeniya, Prof. R.G.S.C. Rajapakse; the Dean of the Faculty of Science, University of Peradeniya, and Prof. Sudharma Yatigammana, Chairperson of the Water Symposium 2024. The keynote address was delivered by Prof. Namal Priyantha, a renowned Professor in Chemistry, who set the stage with an insightful discourse on the current challenges and innovations in water research.

The event was further enriched by plenary speeches from distinguished academics in the field of water studies. Prof. Rohan Fernando, Dean of the Faculty of Natural Science at The Open University of Sri Lanka, Prof. M.P. Deeyamulla, Professor at the University of Kelaniya, and Dr. Sameera Ranmal Gunathilake, Senior Lecturer at the Institute of Chemistry, shared their expertise and perspectives, inspiring attendees with their forward-thinking approaches. Over the two days, 18 parallel sessions were held, providing a platform for in-depth discussions and networking among participants. The symposium not only highlighted the critical issues surrounding water resources but also emphasized the importance of collaborative efforts in addressing these challenges.

By:  
Dr. D.R.G.W.B. Ellepola  
Lecturer (Probationary)  
Department of Zoology  
Faculty of Science  
University of Peradeniya



## 8. Ananda Coomaraswamy memorial oration

26/08/2024



Profile Monitoring Project in Sri Lanka, further highlight his impact on the field.

Prof. Ratnayake has been previously recognized with several prestigious awards, including the NRC Merit Award for Scientific Publication in 2013, and has served as a consultant for numerous geological projects in Sri Lanka and abroad. He is also a prominent editor of scientific journals and conference proceedings.

The event was attended by the Vice Chancellor of the University of Peradeniya, Prof. Jagath K. Gunatilake, who was a previous recipient of the Ananda Coomaraswamy Memorial Medal in 2023, as well as lecturers, members of the GSSL, and undergraduate geology students from the University of Peradeniya. The ceremony concluded with a vote of thanks delivered by Dr. Titus Cooray, Secretary of the GSSL. After the event a tea party with refreshments were arranged for the participants.

The Ananda Coomaraswamy Memorial Medal, awarded by the Geological Society of Sri Lanka (GSSL), honors an eminent geologist for their outstanding contribution to Sri Lankan geology. This prestigious award is named in memory of Dr. Ananda Coomaraswamy, who made pioneering contributions to geological knowledge in Sri Lanka.

The award ceremony took place at the PGIS Conference Room from 2:30 pm to 4:00 pm. The event was graced by the presence of the President of the GSSL and other distinguished guests. Prof. Amila Ratnayake delivered the welcome address, and the citation for the Ananda Coomaraswamy Memorial Medal was presented by Prof. Daham Jayawardana.

This year's award was presented to Prof. Nalin Prasanna Ratnayake, a renowned geologist and professor in the Department of Earth Resources Engineering, Faculty of Engineering, University of Moratuwa. Prof. Ratnayake delivered an insightful oration titled "Exploring the Depths: My Contribution to Sri Lankan Geology." He is a distinguished scholar, having served as Vice Chancellor of the Ocean University of Sri Lanka, Visiting Researcher in Offshore Petroleum Geology at Hokkaido University, Japan, and President of the GSSL. His extensive contributions to national and international research projects, including the Groundwater Resource Management and Aquifer Protection Project in the Maldives and the Shore

Courtesy for photography:  
Perabeats  
University of Peradeniya

By:  
W.M.Rajitha Widuranga Weerakoon  
Instructor  
PGIS





## 9. PGIS RESCON pre-congress events coordinated under Board of Study (BoS) in Chemical Sciences

28/08/2024



The BoS in Chemical Sciences, RESCON2024 organizing Committee of the PGIS along with the Department of Chemistry, University of Peradeniya collaboratively organized a workshop under two themes on Wednesday, August 28, 2024 at the Conference Hall of the PGIS targeting both the students (both undergraduate and postgraduate) and the academic staff.

Theme 1 was presented as the 2nd Pre-RESCON2024 Session under the title : Mastering the Art of Scientific Review: Techniques and Best Practices: interactive session. The session was free for the students and around 60 online and 140 online individuals actively participated.

Theme 2 was presented as the 26th INSPIRE Seminar conducted by the Department of Chemistry. The title of the seminar was Lanthanide chemistry in Magnetic Resonance Imaging & Separation.

The Resource person of the session was Prof. Matthew Allen, the Chair of the Department of Chemistry at Wayne State University (WSU), in Michigan, USA. The students had an interactive session with the speaker after these two main sessions, and the those who asked questions were gifted a T-Shirt of WSU y Prof. Allen.



The comments received from both students and the staff imply that the workshop was very successful and extremely effective for almost all who participated. Many students thanked Prof. M. Y. U. Ganehenege, the Chairperson of the BoS in Chemical Sciences; Prof. P. Wijesinghe, the Chairperson of RESCON-2024, and the members of the organizing committee for organizing such a fruitful event, and had requested to have similar series of workshops in future for their effective learning.

By:  
Prof. MYU Ganehenege  
Chairperson/BoS in Chemical Sciences

## 10. Empowering Young Minds: The University and School Linkage Program -Organized by Young Research Forum – YRF / PGIS



The University and School Linkage Program, organized by the Young Researchers' Forum (YRF), stands as a significant milestone in educational outreach, providing Grade 11 students with a dynamic and comprehensive learning experience. Led by our president, Amith K Bandara, who initially envisioned and brought this idea to life, the program spanned for three months and focused on strengthening students' proficiency in Science and Mathematics, while also cultivating essential life skills. The primary objective of the program was to create an enriching platform for students from the Kandy and Matale districts to enhance their academic understanding. The students were immersed in various activities designed to improve their knowledge and skills, ensuring they are well-prepared for their G.C.E. O/L examinations and future academic challenges. The invaluable support of senior treasurer Dr. M. T. M. Dewasurendra and the PGIS director, who played important roles in executing the program, made it possible for us to run this initiative successfully. The program focused on hands-on workshops, such as the Science Practical Workshop, which allowed students to apply scientific theories to real-world problems. These practical sessions deepened their understanding of complex concepts by demonstrating their relevance and applicability in everyday life. In addition, the G.C.E. O/L Past Paper Discussions helped students familiarize themselves with exam patterns and key question types,

providing them with strategic insights that could enhance their exam performance. Furthermore, the Model Paper Discussions provided opportunities to explore diverse question formats, sharpening students' problem-solving skills and helping them to approach exams with confidence. Revision Sessions were tailored to reinforce core concepts in Science and Mathematics, providing additional support and guidance to consolidate their learning. To foster a spirit of intellectual curiosity and healthy competition, a Quiz Competition was conducted, encouraging students to challenge their knowledge and understanding of various scientific and mathematical concepts. This not only enhanced their academic abilities but also inspired a passion for learning. The impact of this program on society is profound. By empowering students with essential skills and knowledge, we have not only helped them excel in their academic pursuits but also bridged the gap between theoretical knowledge and practical application in Science and Mathematics. This initiative has fostered a culture of academic excellence, intellectual curiosity, and a passion for learning among the youth of Sri Lanka. Moreover, the program has provided students with valuable mentorship and guidance, helping them make informed decisions about their educational and career journeys. At YRF, we believe in bridging the gap between theoretical



## 10. Empowering Young Minds: The University and School Linkage Program -Organized by Young Research Forum – YRF / PGIS Contd.

knowledge and practical application, fostering a culture of inquiry, and guiding students toward success. This program has not only empowered the students involved but has also contributed to uplifting educational standards in the region. We are excited about the lasting impact this initiative will have on the bright minds of Sri Lanka's future leaders. As a member of YRF, I am deeply proud to have been part of this transformative initiative. The University and School Linkage Program is a testament to our commitment to uplifting educational standards in the region and preparing the next generation for future success. We look forward to continuing our efforts in creating meaningful opportunities for young learners and contributing to their bright futures.

By,  
Ishra Iqbal,  
(Young Researchers' Forum (YRF) Member)  
BSc(Hons) Chemistry (IChem), M.IChemC,  
MSc NS&NT (UOP), MPhil (reading)(UOP)



## 11. Workshop on Scientific Writing

- **Workshop on Scientific Writing for Masters in Science Education 2023/24 Chinese Batch**  
02/03/2024, 04/03/2024, 05/04/2024

The event was held in the PGIS for the Chinese students who have registered for the MSc in Science Education programme. Dr. N H Koralegedara, Dr. P L Dharmapriya, Prof. H M S P Madawala, Prof. S H P P Karunaratna and Prof. T M W J Bandara were the resource persons of the event.

- **27th Scientific Writing Workshop**  
17th, 18th and 24th August, 2024

The 27th Scientific Writing Workshop was held online for the PGIS students who have registered in 2022 mainly for the courses in; Medical Microbiology, Applied Epidemiology, Clinical Biochemistry, Molecular Biology and Biotechnology, Disaster Management, Science Education, and the Master's students who registered in 2023 for Environmental Science, and Industrial Mathematics.

Furthermore, MPhil/PhD students who registered in 2022 in any board and were not offered this workshop previously were also eligible to participate. Additionally, students (MSc/MPhil/PhD) who enrolled in 2021 or before and were unable to attend their previously offered workshops or had poor attendance have the opportunity to join the workshop. Around 300 students were participated for the Scientific Writing workshop

The sessions and the resource persons of the event were,

Session	Resource persons
<b>Structure and Layout of a Thesis - An overview</b>	Prof. W.A. Priyanka .P. De Silva
<b>Title and Abstract</b>	Prof. W. R. P. Wijesinghe
<b>Introduction and Bibliography</b>	Dr. N.H. Koralegedara
<b>Computer-Aided Literature Survey</b>	Dr. P.L. Dharmapriya
<b>Experimental/Materials and Methods</b>	Prof. T.M.W.J. Bandara
<b>Results, Discussion and Conclusions</b>	Prof. S.H.P.P. Karunaratne
<b>Ethics</b>	Prof. S.H.P.P. Karunaratne
<b>Group Discussion/Practical Session on 'Title and Abstract' (conducted as group sessions)</b>	Group A- Prof. H.M.S.P. Madawala Group B- Dr. P.G. Mantilaka Group C- Dr. Chaminda Wijesundara Group D- Prof. T.M.W.J. Bandara
<b>Group Discussion/Practical Session on 'Results, Discussion and Conclusions' (conducted as group sessions)</b>	Group A- Dr. B. S. Nanayakkara Group B- Dr. P.G. Mantilaka Group C- Dr. A.U. Wijenayake Group D- Prof. T.M.W.J. Bandara



## 12. Convocation

21/08/2024



Postgraduate students of the PGIS who completed their academic year in 2023 were awarded respective degrees at the evening session of the first day of the convocation, 2024 convocation at the gymnasium of the University of Peradeniya.



## 12. Convocation Contd.

### List of students Degree of Doctor of Philosophy

#### Biomedical Sciences

Ms. Hathurusinghe H A B M

#### Chemical Sciences

Mr. Sampath S N T I

Ms. Samarasinghe V G A U

#### Earth Sciences

Mr. Lees D J

#### Mathematics

Mr. Gunarathna W A

#### Physical Sciences

Mr. Lakmal A A I

#### Plant Sciences

Ms. Nilanthi R M R

Ms. Damayanthi M M N

#### Zoological Sciences

Ms. Weerasekara W M D S

### List of students Degree of Master of Philosophy

#### Biomedical Sciences

Ms. Madamarandawala J M P S

Ms. Meepegamage S W

Ms. Sewwandi S M V K

#### Chemical Sciences

Ms. Gunawardhana C B

Ms. Hansima M A C K

#### Computer Science and Statistics

Ms. Srivishagan S

Ms. Panahatipola P M O P

#### Environmental Sciences

Ms. Kanagaratnam J N

Ms. Kapukotuwa R W M G K

Ms. Kayanan S

Ms. Naranpanawa H M H D K

Ms. Oshadi H D C L

Ms. Ranasinghe S M

Ms. Sewwandi A A M

Ms. Theivendrarajah K

#### Physical Sciences

Ms. Farhana M A

Mr. Panamaldeniya S A

Ms. Wickramasinghe H M N

#### Plant Sciences

MS. Perera U M P K

Mr. Sripal D D N

#### Science Education

Ms. Bandara K M N T K

#### Zoological Sciences

Ms. Hewapathiranga N S

Ms. Weerasekara W M L S

Mr. Wijewardana N T P

### List of Master of Science

#### M.Sc. In Clinical Biochemistry

Ms. Weeraddana G H

#### M.Sc. In Experimental Biotechnology

Ms. Karunadasa A K U I

MS. Bandara W M I

MS. Ruffin F N

Ms. Karunarathna J A D D

#### M.Sc. In Experimental Biotechnology (CourseWork)

Mr. Difran A J M

#### M.Sc. In Analytical Chemistry

Mr. Galappaththi R H

Mr. Herath H M A S R

Mr. Wathulanda H M C B

Mr. Vishwanath T A

Mr. Wijerathne H M S M

Mr. Nawarathne M W M P

#### M.Sc. In Analytical Chemistry (CourseWork)

Mr. Wettewa W W B P B

MS. Dayarathna A D D S

#### M.Sc. In Nanoscience & Nanotechnology

Ms. Kumari K D K P

Ms. Ramzil H F R

Mr. Dilhan J A M

Ms. Varathaseelan S D

Mr. Lanka G M M P

#### PM.Sc. In Nanoscience & Nanotechnology (Coursework)

Ms. Parakatawella P M S D K

Ms. Salam S A

Mr. Sumithraarachchi S A D A V

Ms. Haseena M M H

Mr. Jayawickrama, D A W C

#### M.Sc. In Disaster Management

Mr. Weerasekara N K

Ms. Jayarathne B A D S

Ms. Balasubramaniam A

#### M.Sc. In Biodiversity, EcoTourism & Environment Management

Mr. Medawala U G M S

Mr. Gunawardana B H S M

#### M.Sc. In Engineering Geology & Hydrogeology

Mr. Weligepola W K G V

Mr. Pathirana L P H P

Mr. Manoj J K D

#### M.Sc. In Engineering Geology & Hydrogeology (CourseWork)

Mr. Wijethunge B A P S N A

Ms. Ranathunga B P D W

Mr. Jayasundara L J M U S K

#### M.Sc. In GIS & Remote Sensing

Ms. Sudarshani P W

Mr. Nusran M U M

Mr. Jayawardana H M A S

Ms. Abeysekara G D J M

Ms. Chathurika A G J

Mr. Chathuranga W K K

Ms. Jayathilaka H B T P

Ms. Dayarathna B M A N



## 12. Convocation Contd.

### **M.Sc. In GIS & Remote Sensing (Coursework)**

Ms. Prashadika K M D  
Ms. Ranasingha R M P T M

### **M.Sc. In Water Resources Management**

Ms. Bandaranayake W M Y R  
Mr. Herath U P B  
Mr. Sadaath M K J M  
Ms. Jayasinghe, H M B N  
Mr. Bandara K M S

### **M.Sc. in Water Resources Management (Coursework)**

Mr. Narangammana N W K W

### **M.Sc. In Biodiversity, EcoTourism & Environment Management**

Ms. Amarathunga S N D  
Ms. Rajapakse A U K H  
Ms. Dissanayake N W M S M  
Ms. Amarasiri W Y J  
Mr. Bokalawela B G N N B  
Mr. Nanayakkara P S S  
Ms. Peiris M U H  
Ms. Samarakoon S M H G N P M  
Ms. Mathanan T  
Ms. Arampola B M N  
Ms. Jayakody J P S  
Ms. Dewaraj K E  
Ms. Weerasinghe M D A N

### **M.Sc. In Environmental Science**

Ms. Mumthaj A M M  
Ms. Madugalle M W W G Y D S  
Ms. Piyadigama P H S

### **M.Sc. In Environmental Science (Coursework)**

Ms. Hinaya M M F  
Mr. Jayasinghe S A N R K  
Ms. Mohanachandran N

### **M.Sc. In Industrial Mathematics**

Mr. Gladson M A  
Mr. Wijesekara W P T T  
Mr. Thalwaththe S T R D  
Ms. Priyanka P A I M  
Ms. Dheerasinghe G W M M K

### **M.Sc. In Medical Physics**

Mr. Wanninayake W M N M B

### **M.Sc. In Medical Microbiology**

Ms. Kurukulasooriya R K  
Ms. Nusra N F  
Ms. Jayasinghe S P S N  
Ms. De Silva H C  
Ms. Cooray N C M  
Mr. Herath K H M S M  
Ms. Rangika A E A  
Ms. Samarakoon S M K T

### **M.Sc. In Pharmaceutical Botany**

Mr. Fernando K P M W D A M A  
Ms. Gamage K G C P

### **M.Sc. In Science Education**

Ms. Somarathna W D  
Ms. Dilrukshi K K T  
Ms. Hasanthika J.M.L  
Ms. Kumari K V S  
Ms. Jayasingha J D T U K  
Anantharuban T  
Sathiaseelan A S  
Ms. Thilakarathne M M T C  
Ms. Wijerathna W M K G  
Ms. Shriratharan M  
Mr. Devandran S A  
Mr. Senapathi S P H K  
Ms. Perera H N  
Mr. Fernando M K G S  
Mr. Rathnasinghe R M K M

### **M.Sc. In Applied Statistics**

Ms. Herath H M K B  
Ms. Ekanayake W E M D T  
Ms. Malalagama M P N C  
Ms. Wickramasinghe W M I S  
Mr. Sampath J K H  
Ms. Lenora K M

### **M.Sc. In Applied Statistics (CourseWork)**

Mr. Dissanayake D M H K

### **M.Sc. In Computer Science**

Ms. Dissanayake K M S U M  
Mr. Gopinath S  
Ms. Santhrajeyam R

### **M.Sc. In Computer Science (CourseWork)**

Ms. Sharfana A F  
Ms. Amna M A F  
Mr Selvanigethan S  
Mr Nadarajah S  
Mr Pirashanthan S  
Mr Balan K C  
Ms. Kularatne E G N M  
Ms. Rajapaksha S S  
Ms. Thayalan N  
Mr. Thirukkumar V  
Ms. Satgunalingam V  
Ms. Vettivel T  
Ms. Chandrakumar V

### **M.Sc. In Information Technology**

Mr. Bandaranayake D W N C  
Mr Ramanan M  
Mr Ekanayake S W M V M  
Ms. Nanayakkara H V I N

### **M.Sc. In Information Technology (CourseWork)**

Ms. Priyatharshan N J  
Mr. Dias M L J  
Mr. Nuskiya A F  
Ms. Marziyya S A F A  
Mr. Amarasinghe J K  
Ms. Herath H M P N  
Ms. Rathnayaka R M A U  
Ms. Senani M A S  
Ms. Elampoornan I  
Mr. Weerasekara W M T C

### **M.Sc. In Applied Epidemiology**

Mr. Sheron V A  
Ms. Ratnayake R M A S

### **Master of Clinical Biochemistry**

Ms. Loganathan S

### **Master of Experimental Biotechnology**

Ms. Jayawardhana G M M L  
Ms. Gunadasa H L C K  
Ms. Thirupuliyoorsingam N  
Ms. Senevirathna W A N L  
Ms. Nuzha M F F

## 12. Convocation Contd.

Ms. Thahira T  
 Ms. Bulumulla D G S S  
 Ms. Chithrasinghe T L H  
 Ms. Gunathilaka M G R S S  
 Mr. Isurangana P K A  
 Ms. Madhushani K G S  
 Ms. Ranasinghe U D S S  
 Ms. Kumari L R L S  
 Ms. Navarethinam S  
 Ms. Chandrasekara E D C T  
 Ms. Haroon H

### **M.Sc. In Gemmology/Industrial Minerals (CourseWork)**

Mr. Pradeep NTR  
 Mr. Jayathissa K C J

### **List of Masters**

#### **Master of Analytical Chemistry**

Ms.Chandrika R P  
 Ms.Jayasinghe N C B  
 Ms.Nayakarathne N M A D  
 Ms.Weerasekara G K  
 Ms.Wasala W M W R L  
 Ms.Rathnayake R M H D  
 Ms.Gamage D R  
 Ms.Silva H G Y R  
 Ms.De Silva H H C S  
 Mr. Hennayake H M S  
 Ms.Jayasinghe H A P  
 Ms.Balasoorya B M M M  
 Ms.Chandima W M D S  
 Ms.Deegala H M S N  
 Ms.Jayakody P A N K  
 Ms.Senarathne H T D  
 Mr. Dharmasiri P G N M  
 Ms.Weerarathne K K D C S  
 Ms.Abeykoon Y K  
 Ms. Dilki E M N  
 Ms. Premadasa P M

#### **Master of Nanoscience and Nanotechnology**

Ms. Palihakkara S S  
 Ms. Hettiarachchi H A  
 Mr. Madanayake N H  
 Ms. Rathnayake R M K G  
 Ms.Rathnayaka R M N C

Ms. Heenatigala H M S U  
 Ms. Jayangani K C  
 Ms. Jayasundara J M R V  
 Ms. Aanisha A N F  
 Ms. Shamla M N F  
 Ms. Nagodavithana U M  
 Ms. Jayawardhena G G D P  
 Ms. Sandamali W I  
 Ms. Meghasooriya M M C D

#### **Master of Disaster Management**

Mr. Kumara D Y S  
 Ms. Kumari, W M S D  
 Ms.Wickramarathna, K A N

#### **Master of Engineering Geology and hydrogeology**

Mr. Jayawardhane E G U I

#### **Master of Water Resources Management**

Mr. Lakkitha M D A  
 Ms. Disanayaka D W M S S K

#### **Master of Biodiversity, Ecotourism and Environment Management**

Ms. Chandrasena W M A S

#### **Master of Environmental Science**

Ms. Ravindiran G  
 Ms. Weerasooriya P N  
 Mr. Bandara G D D J  
 Ms. Jayarathne M A H K  
 Ms. Peiris M S D  
 Ms. Jayaweera J M N H  
 Ms. Madumika W L M  
 Ms. Perera H J K M  
 Ms.Thilakarathne K D S L

#### **Master of Industrial Mathematics**

Mr. Karunamuni K S M  
 Ms. Welagedara W A D H  
 Mr. Nirodhanayaka W D  
 Mr. Weeraratne S U  
 Ms. Wijerathne J M U D  
 Ms. Palihakkara Y S R  
 Ms. De Silva S M P  
 Ms. Hansika T G

#### **Master of Medical Physics**

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 Ms.Wickramasooriya M M  
 Ms.Hettiarachchi B Y  
 Ms.Wasana D M C  
 Ms. Somarathne G W E G K S

#### **Master of Physics of Materials**

Mr. Riza M R  
 Mr. Vimoochan K  
 Mr. Bandara D G T N  
 Ms. Priyadarshani M G  
 Ms. Jayasooriya M A S T  
 Mr. Bandara M G B M S

#### **Master of Medical Microbiology**

Ms. Kariyawasam K M G R R S  
 Ms. Nandapala J H Y P  
 Ms. Farsana S K F

#### **Master of Pharmaceutical Botany**

Ms. Shilpeswarage T S  
 Ms. Udahapuvuda B M M S H K  
 Ms. Rasnayake R M N N K  
 Ms. Jayatissa R P G R  
 Ms. Gunarathna B P  
 Ms. Wijesinghe W M S N  
 Ms. Rupasinghe J J M R K

#### **Master of Applied Statistics**

Ms. Kaushalya K W M D  
 Mr. Yasapala A G P D  
 Mr.Thilakarathna C K  
 Ms. Mathusha S  
 Ms. Thillany P V  
 Mr. Nawarathne N G S A  
 Ms. Wijekoon W M M N  
 Mr. Wijethunga P G N M  
 Mr. Padmakumara H A S

#### **Master of Computer Science**

Mr. Shihara M F F  
 Ms. Jegatheeswaran N  
 Mr. Sandaruwan M A S  
 Ms. Kuleswararajan U  
 Ms. Ariyaratna H D N  
 Ms. Charanya R  
 Ms. Ekanayake E M P H M  
 Mr. Kuhananthan S  
 Ms. Rajakaruna P L J L



## 12. Convocation Contd.

Ms. Vaz T B  
 Ms. Thennakoon T M R A K  
 Mr. Wickramaarachchi P  
 Ms. Chandrarathne M G S L  
 Mr. Wimalarathna S S T  
 Ms. Bandara L G I W  
 Mr. Wijerathne N M D N  
 Ms. Arachchi H A D M  
 Mr. Gunarathne P B K T  
 Mr. Karunaratne K V U N  
 Ms. Krishnapillai K  
 Mr. Mauran K  
 Ms. Rajeswaren V P  
 Ms. Shanmugam S  
 Ms. Sivaneswaran S  
 Mr. Thilakarathne B G S  
 Ms. Vathanakumar M  
 Ms. Widanaarachchi W S M U  
 Ms. Yapa Y M U I  
 Ms. Imbuldeniya K R  
 Mr. Godigamuwa W M T A B  
 Ms. Dasthakeer M D D  
 Mr. Vithoosan S  
 Ms. Baduge D B I I

### Master of Data Science

Mr. Weerasekara H B W M D M  
 Ms. Suraweera S A P D  
 Mr. Subasinghe G S V  
 Mr. Sampath S A W S

### Master of Information Technology

Ms. Subasingha S M K G U S  
 Mr. Sanson J  
 Ms. Shalinipriya R  
 Mr. Diluka U L W  
 Mr. Chinthaka H G P  
 Mr. Gunathilaka R A I C  
 Ms. Mihiravi S M N P  
 Mr. Mathitheepan S  
 Mr. Irsad M T M  
 Mr. Mithurshanan E P  
 Ms. Pavithra B H N S  
 Ms. Sulochana H K G

### Master of Applied Epidemiology

Ms. Gunarathne M V H S  
 Ms. Jayathilake R A M S D L

### M.Sc. In Pharmaceutical Botany (CourseWork)

Mr. Chinthaka H N  
 Ms. Kamathewatta K W M D

### M.Sc. In Physics of Materials

Mr. Rathnayaka K U R R S  
 Mr. Balasooriya G A Y R

### List of students Degree of Master of Philosophy

Ms. Kalinga J C  
 Ms. Siriwardhane KDPU

### Master of Experimental Biotechnology

Ms. Galketiyahewage S U

### Master of Nanoscience and Nanotechnology

Ms. Kadukara K M U G G K

### Master of Science Education

Ms. Dai Lin  
 Mr. Du Zongming  
 Ms. Duan Yanchi  
 Mr. Jing Haonan  
 Ms. Li Qinghua  
 Mr. Li Tao  
 Ms. Li Xueqing  
 Ms. Li Yanlin  
 Mr. Mao Wenjie  
 Ms. Ni Jia  
 Ms. Niu Zenan  
 Ms. Ou Wenjun  
 Mr. Peng Haoyu  
 Mr. Shen Yihui  
 Ms. Wang Chenying  
 Ms. Wang Yao  
 Mr. Wei Qian  
 Ms. Xing Yazhuo  
 Mr. Zhang Ye  
 Ms. Zhao Lin  
 Mr. Zhou Kecen

### Oral presentations

M.Sc. In Analytical Chemistry  
 Ms. R H Galappaththi

Mr. M W M P Nawarathne

### M.Sc. In Applied Statistics

Ms. W M I S Wickramasinghe

### M.Sc. in Computer Science

Mr. S Gopinath  
 Ms. S Rajeetha  
 Mr. K L P P Liyanaarachchi

### M.Sc. in Disaster Management

Mr. B A D S Jayarathna  
 Ms. B Abiramy

### M.Sc. in Engineering Geology and Hydrogeology

Mr. W M S H Barammane  
 Mr. S B Harankahawa

### M.Sc. in GIS & Remote Sensing

Ms A K U Wijenayake  
 Mr K L P Hemantha  
 Ms. K K G P Mayuri  
 Mr. T P Madshanka  
 Mr. J M I Karalliyadda  
 Mr. M M J Mark  
 Mr. H J M A Jeewantha  
 Mr. L H M C Gunathilaka  
 Ms. B Preshanavy

### M.Sc. in Industrial Mathematics

Ms. G.W.M.M.K Dheerasinghe

### M.Sc. In Information Technonology

Mr. S W M V M Ekanayake  
 Ms. H V I N Nanayakkara

### M.Sc. in Medical Microbiology

Ms. S M K T Samarakoon

### M.Sc. in Water Resources Management

Ms. W M Y R Bandaranayake  
 Mr. R B D L Bandara

### M.Phil - Chemical Sciences

Ms. KDPU Siriwardhane  
 Ms. J C Kalinga

## 12. Convocation Contd.

M.Phil - Science Education  
Ms. P M O P Panahatipola

PhD. - Chemical Sciences  
Ms. M K F Nadeesha

### Thesis Defence examinations

M.Phil-Earth Sciences  
Ms. K W N Nadeeshani

PhD.-Plant Sciences  
Ms. R M R Nilanthi



Courtesy for photography:  
University of Peradeniya



## 13. Breaking Boundaries: Collaborative Science for Global Challenges



Prof. Jennifer Perera

The Postgraduate Institute of Science (PGIS) at the University of Peradeniya is a significant hub for advanced scientific research and education in South Asia. It plays a crucial role in producing highly skilled scientists and researchers, contributing to the development of science and technology in the region through its rigorous programs and cutting-edge research facilities. The PGIS Research Congress (RESCON) stands out as one of the premier events organized by the PGIS at the University of Peradeniya.

PGIS proudly announces its prestigious annual research congress, RESCON 2024, scheduled to be held on the 1st and 2nd of November 2024. RESCON 2024 promises to be a groundbreaking event that brings together scholars, researchers, and industry leaders from across the globe. This year's theme, "Breaking Boundaries: Collaborative Science for Global Challenges," reflects our commitment to exploring the forefront of scientific discovery and innovation. In a landscape where numerous conferences are emerging, RESCON 2024 distinguishes itself through its unparalleled academic rigor, esteemed keynote and plenary speakers, and a legacy of fostering significant scientific discourse. RESCON 2024 is unique among conferences, offering a meticulously curated program that emphasizes both breadth and depth in scientific exploration.

RESCON 2024 participants will have the opportunity to present their cutting-edge research across various scientific disciplines. The congress will showcase a wide array of innovative studies under six themes: Earth & Environmental Sciences, ICT, Mathematics and Statistics, Life Sciences, Physical Sciences, Science Education, and AI in Biomedical Sciences. Professor Jennifer Perera, Emeritus Professor in Microbiology in the Department of Medical Microbiology and Immunology at the University of Colombo, will be delivering the Keynote address at RESCON 2024.

Interactive pre-conference workshops are a key component of RESCON 2024, paving the way for the main conference. Several workshops are lined up, offering participants an opportunity to engage deeply with specialized topics, develop practical skills, and foster networking, all of which enhance their overall conference experience.

We are honored to have Prof. Priyanga Wijesinghe, Professor in Molecular Biology and Biochemistry in the Department of Botany at the University of Peradeniya, as the Chair of RESCON 2024. His vision and leadership are instrumental in shaping the congress. Additionally, Dr. Sampath B. Alahakoon from the Department of Chemistry at the University of Peradeniya will serve as the Secretary, ensuring seamless organization and coordination of the event.

RESCON 2024 at PGIS, University of Peradeniya, is set to be an unforgettable event, driving forward scientific discovery and innovation. We invite all researchers, students, and professionals to join us in this exciting journey of exploration and collaboration. Together, let's make RESCON 2024 a resounding success!

Written by:  
Dr. Sampath Alahakoon,  
Secretray/RESCON 2024



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**Comments and suggestions to improve the quality of this newsletter are welcome. Please contact:**

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# THANK YOU !



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