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களனி பல்கலைக்கழகம்
UNIVERSITY OF KELANIYA

Faculty of
Graduate Studies

23rd

International Postgraduate
Research Conference (IPRC)
2023



Enrichment Of Academic Strength Through Research



Organized by

FACULTY OF GRADUATE STUDIES
UNIVERSITY OF KELANIYA, SRI LANKA



CONFERENCE PROGRAM



23rd Conference on Postgraduate Research

**International Postgraduate Research Conference
(IPRC) - 2023**

**“Enrichment of Academic Strength Through
Research”**

Conference Program

24th November 2023



**Faculty of Graduate Studies
University of Kelaniya, Sri Lanka**



About IPRC 2023

The International Postgraduate Research Conference 2023 of the Faculty of Graduate Studies is a multidisciplinary conference that focuses on addressing issues and emerging concepts in various domains, including Science, Computing, Technology, Mathematics, Medical Sciences, Accounting, Business and Management Studies, Humanities, Social Sciences, Digital Learning, and Multidisciplinary Studies. The event will provide a platform for practitioners, academics, policymakers, researchers, and postgraduate students to share their experiences and expertise through presentation of high-quality research.

The conference this year will include a keynote address by **Prof. Padmanabhan Balaram**, (*Chair Professor at National Centre for Biological Sciences (NCBS) Bengaluru, India*) followed by four plenary sessions.

- **Plenary Session One**

Prof. Stephen Marshall, Director of the Centre for Academic Development at the Victoria University of Wellington, and former president (2016-2019) of the Australasian Council on Open and Distance Education

- **Plenary Session Two**

Prof. Hemalatha Balaram, Professor at the Jawaharlal Nehru Center for Advanced Scientific Research (JNCASR) in Bangalore, India

- **Plenary Session Three**

Shirley Weng In Siu, Professor at the Centre for Artificial Intelligence-Driven Drug Discovery, Macao Polytechnic University, Macau

- **Plenary Session Four**

Prof. Roma Chatterji, Professor at Department of Sociology, Delhi School of Economics, Delhi University in 2021



Conference Committee

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Senior Professor Nilanthi Renuka de Silva
Vice-Chancellor
University of Kelaniya, Sri Lanka

Conference Chair

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Dean, Faculty of Graduate Studies

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Dr. Achala Abeykoon

Multidisciplinary Studies : Dr. W. V. A. D. Karunarathna

Technical Coordinator: Mr. Arjun De Silva

Conference Co-Coordinators

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Ms. D. S. R. E. S. Gunawardhana

Ms. T. J. Sarathchandra



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Prof. R. K. L. M. Dharmasiri	Dr. Sudath Senarath
Prof. Ruwan Wijesundara	Dr. Udara De Silva
Prof. Seetha Bandara	Dr. Vindya Weerawardhana
Prof. Sena Rathnayaka	Dr. W. M. A. P. Halmillawewa
Prof. Shashikala Rajapaksha	Dr. W. V. A. D. Karunarathna
Prof. Suranga Wickramarachchi	Mr. Arjun De Silva
Dr. Achala Abeykoon	



Panel of Reviewers

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Prof. D. T. Koggalage	Dr. Priyanwada Wanigasooriya
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Prof. Herson Dias	Dr. Sugath Mahinda Senarath
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	Mr. S. V. Hemachandra



Multidisciplinary Studies

Snr Prof. N. A. K. P. J. Seneviratne

Prof. M. D. M. D. W. M. M. K. Yatawara

Prof. S. P. Senanayake

Prof. S. S. Weligamage

Dr. Chamila Siriwardene

Dr. R. A. I. C. Karunaratne

Dr. S. A. D. H. N. Suraweera

Welcome to the
23rd Conference on Postgraduate Research
International Postgraduate Research Conference (IPRC) -2023

Organized by the
Faculty of Graduate Studies,
University of Kelaniya,
Sri Lanka



A Special Note about the Program Book

The University of Kelaniya is the first university to adopt green practices in Sri Lanka successfully. We are moving towards a 'paperless' university. In keeping with the concept, we have decided to offer only the essential information that participants would require in print form. The rest of the information is offered online. Beginning in 2016, an online conference management platform was used to organize the conference, which allowed for more efficient planning and improved data management during registration and review.

The conference program book: Offers conference information, session chairs, time, date and venue

Abstract Volume: Available online in PDF format and offers author information

Conference related information is available through the conference website. All online information will be accessible on your smartphone or iPad through the IPRC website. To obtain access to the IPRC web page, please scan the QR code.



General Conference Information:

If you need any technical or internet support, please feel free to contact the conference Event Management Team or the Session Coordinator.

Photographer Information

There will be an official photographer at the conference.



IPRC 2023 Information

Registration Fees:

Category	Fee
Participants from Foreign Countries	
Presenters	USD 50
Participants	USD 25
Local Participants	
External Presenters	4,500 LKR
External Participants	3,000 LKR
Registered students (currently registered students) of the Faculty of Graduate Studies, University of Kelaniya	3,500 LKR
Permanent Staff of the University of Kelaniya	Free*

* All registered permanent staff of the University of Kelaniya are cordially invited to participate in the online inauguration and plenary sessions and the in-person parallel academic sessions.

Instructions for Oral Presentations

All rooms will be equipped with a laptop and a projector/smart board. The operating system will be Windows 11 Professional and available software will be Microsoft Office 365(including MS Word, MS PowerPoint, MS Excel), Adobe Acrobat, Windows Media Player, and VLC media player).

Oral Paper Sessions

Oral presentations will be 10 minutes in duration, with an additional 5 minutes allocated for questions and answers. Presenters are requested to submit the Microsoft PowerPoint slides prior to the given deadline.



For easy reference, a unique code has been assigned to each presentation;

Abstract ID

- The letter string in the first position refers to the title of the conference - IPRC.
- Second position “23” refers to the year “2023”.
- The number in the third position refers to the number of the abstract ID.

Example:

IPRC/23/156

Key to the Session Identification

Example:

MO/01/K013/11.00-01.00

MO = (Morning Session)

01 = Panel Number

K013 = Room Number

11.00 - 01.00 = Session Time



The Conference Venue

University of Kelaniya is situated in the ancient and historic city of Kelaniya, a city visited by Buddha in the 5th century BC. The University is conveniently located just outside the municipal limits of the capital city, Colombo, near the Colombo-Kandy Road. The University of Kelaniya has its origin in the historic Vidyalankara Pirivena, founded in 1875 as a centre of learning for Buddhist monks. It was one of the two great national centres of traditional higher learning, heralding the first phase of the national movement and national resurgence. With the establishment of modern Universities in Sri Lanka in the 1940s and 1950s, the Vidyalankara Pirivena became the Vidyalankara University in 1959, later the Vidyalankara Campus of the University of Ceylon in 1972 and, ultimately, the University of Kelaniya in 1978.



The Faculty of Graduate Studies (FGS)

The Faculty of Graduate Studies coordinates with all the Boards of study in the university in offering research degrees, degrees with only coursework or coursework and research. All the postgraduate degree programs offered by the FGS conform to the relevant Sri Lanka Qualification Framework (SLQF) guidelines. The FGS specifies requirements for postgraduate admission and establishes and regulates standards with respect to the quality of postgraduate teaching and research. The FGS also promotes intra-faculty, inter-faculty, inter-university and international collaborations in postgraduate teaching and research. The quality of postgraduate research projects of the students is strictly monitored by a proposal presentation, biannual progress reports and progress presentations. The Faculty of Graduate Studies consists of Boards of Study established based on the subject areas.

Boards of Study of the Faculty of Graduate Studies:

- Board of Study in Commerce and Business Management
- Board of Study in Computing
- Board of Study in Digital Learning
- Board of Study in Humanities
- Board of Study in Medical Sciences
- Board of Study in Multidisciplinary Studies
- Board of Study in Science
- Board of Study in Social Sciences
- Board of Study in Technology

International Collaborations:

The Faculty of Graduate Studies offers the following programs in foreign countries

- MBA, MPhil and PhD programs in Bangladesh
- Master of Business Studies Program in China
- Master of Arts in Buddhist Studies Program in Malaysia



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Program Overview

24th November 2023

Time	Venue	Activity
Opening Ceremony		
08.00 am - 08.45 am	Faculty of Graduate Studies	Pre-conference registration
08.45 am - 08.50 am		Arrival of guests
08.50 am - 08.55 am		The lighting of the traditional oil lamp
08.55 am - 09.00 am		University anthem
09.00 am - 09.05 am		Conference video
09.05 am - 09.15am	Auditorium - Faculty of Commerce and Management Studies	Welcome Address Senior Prof. N.A.K.P.J. Seneviratne Dean/ FGS & Chair IPRC 2023
09.15 am - 09.20 am		Address by the Chief Guest Senior Prof. Nilanthi Renuka de Silva Vice-Chancellor University of Kelaniya
09.20 am - 09.50 am		Keynote Address Prof. Padmanabhan Balaram National Centre for Biological Sciences (NCBS), Bengaluru, India
09.50 am – 09.55 am		National anthem and end of the inaugural ceremony
09.55 am -10.20 am	T2 - Faculty of Commerce and Management Studies	Refreshments
10.30 am -12.45 pm		Parallel sessions
12.45 pm - 01.30 pm	B1 223 Faculty of Science	Lunch
01.15 pm - 03.00 pm		Parallel sessions
03.00 pm - 03.15 pm	Faculty of Science	Tea
03.15 pm - 06.00 pm		Parallel sessions

Key to the Venues

- N3 Building - Faculty of Graduate Studies Ground Floor: Pre-conference registration
- Ananda Patabendige Hall - Auditorium: Faculty of Commerce and Management Studies
- T2 - Faculty of Commerce and Management Studies
- B1 223 - Faculty of Science -Lunch



Program Schedule

MO/1/ (10.30am – 01.00pm)

Room No. – Auditorium of the Faculty of Commerce and Management Studies

Conference Sub Themes - Multidisciplinary Studies - 01

Time		Plenary Session One				
	10.30 - 11.00	<p><i>Plenary Session One - Translating research into organizational change: Leadership and institutional work</i></p> <p>Prof. Stephen Marshall - Director of the Centre for Academic Development at the Victoria University of Wellington, New Zealand</p>				
Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs	11.15 - 11.30	IPRC/23/18	55	MDS 02	Vindya Vimani Senadheera	A Guide to Instructional Design Models for Digital Learning in Higher Education – A Scoping Review
	11.30 - 11.45	IPRC/23/102	57	MDS 04	D.D. D. Suraweera	Study on household waste management practices of undergraduates
Dr. Anura Karunarathna	11.45 - 12.00	IPRC/23/143	62	MDS 09	Deshani Wijesekara	ඉතිහාසය විෂය සඳහා නිපුණතා පාදක ඉගැන්වීමේ ක්‍රම පන්ති කාමරය තුළ ක්‍රියාත්මක වන ආකාරය පිළිබඳ විශ්ලේෂණාත්මක අධ්‍යයනයක්
	12.00 - 12.15	IPRC/23/17	54	MDS 01	Vindya Vimani Senadheera	Impact of microlearning on academic performance of higher education students - a systematic review and meta-analysis
Prof. Kaushalya Yatigammana	12.15 – 12.30	IPRC/23/111	92	HSS 30	Aditha Udayangi Dissanayake	New approach for translations of literature written in lesser-known languages based on creative strategies of ancient Sinhala literary translation traditions
	12.30 – 12.45	IPRC/23/235	90	HSS 28	C.B. Wanigasingha A.M.S.K.Aththana yaka	Factors affecting students' acceptance of E-learning in Sri Lanka: Evidence from social sciences undergraduates of University of Kelaniya.
Session Coordinator/s						
R.A.L. Madushika						



EV/1/ Auditorium - Commerce and Management Studies (1.15pm-3.30pm)
Room No. - Auditorium of the Faculty of Commerce and Management Studies
Conference Sub Themes – Humanities and Social Sciences – 01

Time		Plenary Session Two				
	01.15 – 1.45	<i>Plenary Session Two – Humanities, and Social Sciences</i> Prof. Roma Chatterji - Department of Sociology, Delhi School of Economics, Delhi University, India				
Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs						
Prof. Chaminda Abesinghe	02.00 - 02.15	IPRC/23/142	101	HSS 39	S. A. I. Maduwanthi	ජනවාර්ගික අර්බුදයේදී යුද හමුදා සෙබළුන් ආබාධිත භාවයට පත්වීම පවුල් සංස්ථාව තුළ කලාතු භූමිකාවට සිදුකළ බලපෑම
	02.15 - 02.30	IPRC/23/22	65	HSS 03	K. A. A. N. Thilakarathna	What’s Wrong with Being Gay? It’s OK: A Critical Review of the Rights of Same-Sex Couples in Sri Lanka
Prof. Nadeesha Gunawardhana	02.30 - 02.45	IPRC/23/40	67	HSS 05	H.D. Hasitha Jeewanthi	Women in urban slums: with special reference to two urban slums in Gampaha district in Sri Lanka.
Session Coordinator/s	02.45 - 03.00	IPRC/23/58	69	HSS 07	D.M.R. Upuldeniya	A comparative study on prejudices of Sinhalese and Tamils towards each other in the post-war reconciliation process of Sri Lanka
R.A.L. Madushika	03.00 – 03.15	IPRC/23/209	87	HSS 25	Ama Pothuhera	An analysis of the employment among the undergraduates of the Arts Faculties of the University of Kelaniya



EV/02/ Auditorium - Commerce and Management Studies (3.15pm – 5.30pm)

Room No. - Auditorium - Commerce and Management Studies

Conference Sub Themes – Humanities and Social Sciences - 01

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs	03.30 – 03.45	IPRC/23/117	77	HSS 15	T. M. Dasantha Bandara	An analysis of the health communication characteristics of Buddhist Teaching
Prof. Bihesh Indika Sampath	03.45 – 04.00	IPRC/23/139	100	HSS 33	Rathnayaka Priyantha Subhashini Menike Rathnayaka	නූතනත්වය ස්ත්‍රී වින්තනයට සිදුකරන බලපෑම පිළිබඳ විමර්ශනාත්මක අධ්‍යයනයක්: උෂා ප්‍රියන්වදාගේ කෙටිකතා ඇසුරෙන්
Prof. A.I. Divakara	04.00 - 04.15	IPRC/23/193	102	HSS 40	Nimeshika Malshani Pathirana	සිංහල වන්දනා කාව්‍යයන්හි විද්‍යමාන භාෂා ලක්ෂණ පිළිබඳ විමර්ශනාත්මක අධ්‍යයනයක් (තෝරා ගත් කෘති ඇසුරෙන්)
Session Coordinator/s	04.15 - 04.30	IPRC/23/195	85	HSS 23	R. M. D. S. Randiwela	Female use of cosmetics during the Roman Empire according to Juvenal
Hasini Weerathne	04.30 - 04.45	IPRC/23/91	95	HSS 33	P. Kumarasingha	අංගංචොර සටන් කලාවේ නිරායුධ සටන් ශිල්ප ආශ්‍රිත අස්පර්ශ්‍ය සංස්කෘතික උරුම දැනුම පිළිබඳ අධ්‍යයනයක්
	04.45 - 05.00	IPRC/23/98	96	HSS 34	M.J. Supun Hemachandra	බඹර වළල්ල සිනමා කෘතියෙන් නිරූපිත සමාජ ස්ථරායණය පිළිබඳ අධ්‍යයනයක්
	05.00 - 05.15	IPRC/23/208	86	HSS 24	Asitha Amarakoon	A study on the influence of European heraldic visual designs on emblem designs of Sri Lanka



MO/2/ B1 303 – Faculty of Science (10.30pm-12.45pm)

Room No. – B1 303 - Faculty of Science

Conference Sub Themes – Humanities and Social Sciences – 02

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs						
Dr. Samantha Jayawardena	10.30 - 10.45	IPRC/23/108	75	HSS 13	M.S.M. RIZWAN	Expo-writing: A Strategy to Minimize Grammatical Errors
Dr. Vindya Weerawardhana	10.45 - 11.00	IPRC/23/112	76	HSS 14	Karasinghe Arachchillage Hiroshima Maduwanthi	The impact of the medium of instruction on the grammatical errors committed by the English second language learners
Dr. Sudath Senarath	11.00 - 11.15	IPRC/23/14	64	HSS 02	F. Shezmin Wazeer	The implication of Canvas to enhance English language teaching and learning: A case study conducted at the Nawaloka College of Higher Studies
	11.15 - 11.30	IPRC/23/25	66	HSS 04	Hewanayakage Sasanjalie Jayasinghe	Teachers' perspective on the influence of first language in the English as a second language classroom
Session Coordinator/s	11.30 - 11.45	IPRC/23/138	79	HSS 17	Nimali Priyadarshanie Heenpella	Right to Participation of Students in Teaching- Learning Process
Mr. Anushka Dulanjana	11.45 - 12.00	IPRC/23/147	80	HSS 18	Hewa Kavirathnage Priyashani Dineshika	Perception of Using "Padlet" as a Multimodal Text to Enhance the first Year Undergraduates' Academic Writing Skills
	12.00 - 12.15	IPRC/23/157	81	HSS 19	B. B. P. Dilini hemali	The effectiveness of flipped classroom approach in improving writing skills of first year undergraduates of University of Kelaniya, Sri Lanka
	12.15 – 12.30	IPRC/23/241	91	HSS 29	H. M. T. M. H. Molagoda	Exploring the impact of Focus on Form instruction in teaching grammar to ESL undergraduates in the Sri Lankan context
	12.30 – 12.45	IPRC/23/52	68	HSS 06	Hasara Senadhipathi	Enhancing undergraduates' academic writing skills with strategy training and revision feedback: in private and state universities in Sri Lanka



EV/03/ B1 303 – Faculty of Science (01.15pm – 3.00pm)

Room No. – B1 303 – Faculty of Science

Conference Sub Themes - Science, Technology, Mathematics and Medicine (STMM) - 01

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs Prof. Ruwan Wijesundara	01.15 - 01.30	IPRC/23/171	35	STMM 26	P. A. D. H. J. Gunathilaka	Pulse waves unveiled: harnessing convolutional neural networks for accurate classification in pulse diagnosis
	01.30 - 01.45	IPRC/23/67	17	STMM 08	P. P. S. S. Pussepitiya	Teaching CAD/CAM tools through Project- Based Learning at undergraduate level
Dr. B.M.T. Kumarika	02.00 - 02.15	IPRC/23/166	34	STMM 25	W. P. R. T. Perera	Advancements in multifunctional core-shell adsorbent comprising graphene oxide/ sand for adsorptive removal of water contaminants
Dr. Aruna Wanninayaka	02.15 - 02.30	IPRC/23/154	30	STMM 21	A. R. M. A. M. Rathnayake	Expanded Graphite reinforced polystyrene composites for Li-ion battery thermal management
Session Coordinator/s	02.30 - 02.45	IPRC/23/255	45	STMM 36	W. T. R. S. Fernando	Electrochemical performance of n-type Cu ₂ O anode material synthesized by electrodeposition method for rechargeable lithium-ion batteries
Mr. Anushka Dulanjana	02.45 - 03.00	IPRC/23/257	46	STMM 37	Nilanka Sandamali Sumathipala	Performance Comparison of Binary Segmentation Method and Pruned Exact Linear Time Change-point Detection Methods for AR (1) Model

**EV/04/ B1 303 – Faculty of Science (03.15pm – 05.15pm)****Room No. – B1 303 – Faculty of Science****Conference Sub Themes - Science, Technology, Mathematics and Medicine (STMM) - 02**

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs Dr. Mahendra Gunawardena	03.15 - 03.30	IPRC/23/269	49	STMM 40	N. M. K. Gandhi Ranasinghe	Cytogenotoxicity assessment in <i>Allium cepa</i> roots exposed to phytoremediated Used Lubricant Oil (ULO) contaminated soil
	03.30 – 03.45	IPRC/23/270	50	STMM 41	H. A. Nimmi Apsara Jayalal	In vivo cytogenotoxicity of powdered laundry detergents in <i>Allium cepa</i>
Dr. W. M. A. P. Halmillawewa	03.45 – 04.00	IPRC/23/53	15	STMM 06	Dayani Pavalakumar	Assessing the antioxidative potential of lactic acid bacteria inhabiting tender coconut water
	04.00 - 04.15	IPRC/23/80	19	STMM 10	Sathivel Thivijan	The Non-Saccharomyces Microflora Inhabiting Sri Lankan Grapes for Wine Fermentation: An Unveiled Physiochemical Characteristic and Fermentation Dynamics
Session Coordinator/s Mr. Anushka Dulanjana	04.15 – 04.30	IPRC/23/184	37	STMM 28	N. R. Y. Wijebandara	Observational study on Morphology, Growth Rate and Germ Cell Attachment of Human Sertoli Cells
	04.30 – 04.45	IPRC/23/56	16	STMM 07	P. V. Desha Dilani	CRISPR/cas9 mediated gene knockout in mosquito vector <i>Aedes aegypti</i> : In-silico approach
	04.45 – 05.00	IPRC/23/77	52	STMM 43	Dulanjalee Madhusa Rajapaksha	Application of stable $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ isotope analysis for trophic levels discrimination of fish species in Daduru Oya reservoir; Sri Lanka
	05.00 – 05.15	IPRC/23/134	51	STMM 42	Hansi Udayangana Uduwawala	Detection of pathogenic <i>Leptospira</i> from field-collected water samples as an indicator of predicting leptospirosis outbreak



MO/03/Board Room – Faculty of Science (10.30am - 01.15pm)

Room No. – Board Room – Faculty of Science

Conference Sub Themes - Science, Technology, Mathematics and Medicine (STMM) - 03

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs	10.30 - 10.45	IPRC/23/101	23	STMM 14	Wellathanthrige Imaya Eumini Botheju	Prevalence of Mycobacterium tuberculosis among a selected group of Sri Lankan patients: A meta data analysis
	10.45 - 11.00	IPRC/23/15	11	STMM 02	Kaumudee Kodikara	Identifying essential procedural skills and competencies in Sri Lankan undergraduate medical curricula
	11.00 - 11.15	IPRC/23/27	12	STMM 03	Dilini Wijesekara	Epidemiology of child leprosy in Sri Lanka.
	11.15 - 11.30	IPRC/23/41	13	STMM 04	J. M. Nimali. P. Perera	Comparison of Quality of Life of Cancer Patients on Palliative Care in Hospice Centers Versus at Home
Session Coordinator/s	11.30 – 11.45	IPRC/23/50	14	STMM 05	Kaumudee Kodikara	Development of a Delphi survey questionnaire to identify core procedural competencies for undergraduate medical curricula in Sri Lanka
	Time	Plenary Session Three				
Miss. Dineesha Chandrasiri	12.00 – 12.30	<i>Plenary Session Three – Science, Technology, Mathematics and Medicine</i> Prof. Hemalatha Balaram, the Jawaharlal, Nehru Center for Advanced Scientific Research (JNCASR) in Bangalore, India				
	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Dr. Dulith Abeykoon	12.30 – 12.45	IPRC/23/118	27	STMM 18	M. M. Siriwardana	Imaging of anatomical variations of the ureters: A pictorial essay
	12.45 – 01.00	IPRC/23/150	29	STMM 20	Pallewatte Gameralalage Neluni Prasangika Samarasekara	Barriers and facilitators of home-based physiotherapy programs for children with cerebral palsy as perceived by primary caregivers and physiotherapists
	01.00 – 01.15	IPRC/23/229	41	STMM 32	Aruma Hennadige Dileep	Barriers and facilitators of eHealth services in Sri Lanka: a Systematic literature review



EV/05/ Board Room - Faculty of Sciences (1.15pm-2.45pm)

Room No. - Board Room - Faculty of Sciences

Conference Sub Themes - Science, Technology, Mathematics and Medicine (STMM) - 04

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs						
Prof. Jeewantha Premarathna	01.15 - 01.30	IPRC/23/162	31	STMM 22	Nalin Gunathilaka	Toxic metal contamination in food chains via paddy plant; A study in CKDu endemic area in North Western Province, Sri Lanka
Prof. Mangala Yatawara	01.30 - 01.45	IPRC/23/164	32	STMM 23	Dilshani Sakunthala	Impact of organic farming practices on toxic metal accumulation in topsoil in paddy areas: A comparative study in Sri Lanka
Prof. Shashikala Rajapaksha	01.45 - 02.00	IPRC/23/165	33	STMM 24	Sahan N Perera	Exploring the toxic metal contamination and unveiling the risks in staple grains grown in a CKDu hotspot in Sri Lanka
Session Coordinator/s						
	02.00 - 02.15	IPRC/23/183	36	STMM 27	Hansika Weerakoon	Investigation of agricultural drought in paddy using vegetation indices and land surface temperature in Anuradhapura district, Sri Lanka
Miss. Dineesha Chandrasiri	02.15 - 02.30	IPRC/23/196	38	STMM 29	Sudath K Pamarathna	Diversity assessment of old seedling teas in IU3c agro-ecological region in the Uva region
Dr. Dulith Abeykoon	02.30 - 02.45	IPRC/23/69	18	STMM 09	K. L. S. Dinesh	Current status of Public Procurement in Health Sector, Sri Lanka and its possible adoption of Sustainability and Green concepts: Survey based

**EV/06/ Board Room - Faculty of Sciences (3.15pm-4.30pm)****Room No. - Board Room - Faculty of Sciences****Conference Sub Themes - Science, Technology, Mathematics and Medicine (STMM) - 05**

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs						
Dr. P.M.Thusitha B. Wickramasinghe	03.15 - 03.30	IPRC/23/218	39	STMM 30	Shirom Rajeev Siriwardana	Imaging of intramuscular abscesses: A pictorial view of four cases
Prof. Nayana Gunathilaka	03.30 – 03.45	IPRC/23/85	20	STMM 11	Piame Madushani	Innovative approach to COVID-19 Vaccine Registration: case study from Sri Lanka
	03.45 – 04.00	IPRC/23/87	21	STMM 12	Siriwardana	Imaging of anatomical variations of the kidney: A pictorial essay
Session Coordinator/s						
Miss. Dineesha Chandrasiri	04.00 – 04.15	IPRC/23/189	59	MDS 06	Thilak P.G.H. Wanasinghe	Critical evaluation of Non-Communicable Diseases (NCD) prevention health communication content on selected Facebook pages in Sri Lanka
Dr.Dulith Abeykoon	04.15 – 04.30	IPRC/23/263	61	MDS 08	Lakmini Radhika	Effectiveness of school based interventions to control Dengue vector in selected schools of Gampaha District, Sri Lanka



MO/4/FGS Board Room – Faculty of Graduate Studies (10.30am – 12.45pm)
Room No. – FGS Board Room - Faculty of Graduate Studies
Conference Sub Themes - Accounting, Business and Management 01

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs	10.30 - 10.45	IPRC/23/57	02	ABM 02	Asha J. R. Jayaweera	Relationship between access to trade finance and performance: moderated by internal structural weaknesses in small and medium enterprises in Sri Lanka
	10.45 - 11.00	IPRC/23/110	03	ABM 03	Gonaduwaige G.N.K Siriwardana	Market research on factors affecting for the introduction of an ayurvedic powder-based shampoo in Sri Lanka
	11.00 - 11.15	IPRC/23/128	04	ABM 04	Vishmika Senevirathne	Impact of information search on purchase intention: moderating effect of perceived price on personal care products in Sri Lanka
	11.15 - 11.30	IPRC/23/172	05	ABM 05	Sunali Fernando	The unheeded female voice: a study of the formal union participation of female academics in Sri Lankan state universities
	11.30 - 11.45	IPRC/23/217	06	ABM 06	Ganeshamoorthy Thaneshan	Board composition and corporate reporting on Internet: Evidence from Sri Lanka
Session Coordinator/s	11.45 - 12.00	IPRC/23/220	07	ABM 07	Tharsika Krishnasamy	Board of directors' effectiveness and firm performance of Sri Lankan listed companies – A partial least squares structural equation modeling approach
	12.00 - 12.15	IPRC/23/273	08	ABM 08	Nahida Akter Akter (Online)	An exploratory study of humble leadership and innovation practices on human resources management
	12.15 - 12.30	IPRC/23/275	09	ABM 09	Kondokar shakhawat Ali (Online)	Inclusive Financing Digital Financial Services (DFS) in Bangladesh and The Case of bKash
	12.30 – 12.45	IPRC/23/20	01	ABM 01	P. Sanduni N. Perera Devni Perera	Case Study of the Liquidity Management Practices of ABC Pvt. Limited in Ensuring Sustainable Growth During Uncertain Economy



EV/7/FGS Board Room – Faculty of Graduate Studies (01.15pm – 04.15pm)

Room No. – FGS Board Room - Faculty of Graduate Studies

Conference Sub Themes - Science, Technology, Mathematics and Medicine (STMM) – 06

Time						
	01.15 – 01.45	<i>Plenary Session Four – Science</i> Shirley Weng In Siu - Centre for Artificial Intelligence Driven Drug Discovery Macao Polytechnic University, Macao				
Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs	02.30 – 02.45	IPRC/23/90	56	MDS 03	Janitha D Kumarathunga	In vivo control of <i>Aspergillus flavus</i> on stored rice by slow-release formulations of cinnamon and lemongrass oil
Prof. Priyani Paranagama	02.45 – 03.00	IPRC/23/152	58	MDS 05	Upeka C Delpachitra	Evaluation of phytochemical composition and antioxidant properties of ethanol extract of bark of <i>Dialium ovoideum</i> thwaites
Prof. Suranga Wickramarachchi	03.00 – 3.15	IPRC/23/95	22	STMM 13	Aththanayaka Mudiyansele Samudrika H Aththanayaka	Evaluation of in vitro antibacterial efficacy of biogenic Ag-ZnO nanocomposites synthesized utilizing Suprema F1 agro-waste
Session Coordinator/s	03.15 - 03.30	IPRC/23/194	60	MDS 07	Nimashi Palindi Herath	Seed extracts of true halophytes, <i>Salicornia brachiata</i> and <i>Suaeda maritima</i> , as excellent sources of anti-inflammatory and antioxidant agents
Mr. Thilina Silva	03.30 – 03.45	IPRC/23/104	24	STMM 15	Sajeewa Herapathdeniya	Safety evaluation of Lokanatha Rasa, an ayurveda mercurial preparation, using Wistar rats
	03.45 – 04.00	IPRC/23/259	47	STMM 38	Shabika Refai	Antioxidant and anti-inflammatory activities of selected endemic plants of Sri Lanka
	04.00 – 04.15	IPRC/23/12	10	STMM 01	Didula Sasandara Alwis (Online)	Activated carbon derived from peel waste of <i>Citrus madurensis</i> for removal of Pb (II) in aqueous solutions
	04.15 – 04.30	IPRC/23/71	53	STMM 44	J.R.K.C. Jayakody (Online)	Impact of BERT Embedding on Deep Learning for Short Text Classification



MO/5/Boardroom – Commerce and Management Studies (10.30a.m – 12.15p.m.)

Room No. – Boardroom – Faculty of Commerce and Management Studies

Conference Sub Themes - Science, Technology, Mathematics and Medicine (STMM) - 07

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs	10.30 - 10.45	IPRC/23/116	25	STMM 16	Anjalee Senanayake	Biochemical analysis of a novel Kefir-Based fortified food supplement
Dr. A.M.T. Amarakoon	10.45 - 11.00	IPRC/23/122	26	STMM 17	Dilki thathsarani	Quantification of total phenolics in flowers of selected Phalaenopsis cultivars
Dr. Chamila Kadigamuwa	11.00 - 11.15	IPRC/23/131	28	STMM 19	Nuwan SJ Wijenayake	Anti-oxidant activity and phytochemical profile of Solanaceae species in Sri Lanka
Session Coordinator/s	11.15 - 11.30	IPRC/23/237	43	STMM 34	Janith Lakshan	Harnessing pH indicators for timely detection of ammonia
Mr. Supun Sooriyawansa	11.30 - 11.45	IPRC/23/245	44	STMM 35	Dinithi D Sakalasuriya Dilki Nihara Tashmi Tharuka	Isolation and identification of fungi from virgin coconut oil to develop a process to control fungal contamination.
	11.45 - 12.00	IPRC/23/267	48	STMM 39	Udage Dilini Sashikala	Evaluating the Efficacy of tannins from <i>Psidium guineense</i> Sw. leaves, Cinnamaldehyde, Eugenol, and Coconut Pairing Residue in Controlling Food Spoilage Fungal Growth
	12.00 – 12.15	IPRC/23/234	42	STMM 33	Aesha Sarathchandra	Economic impact and risk factors affecting transmission of cutaneous leishmaniasis in the district of Matara, Sri Lanka
	12.15 – 12.30	IPRC/23/221	40	STMM 31	Manula S Doratiyawa	Effect of near-infrared images with Rgb images for identifying Garnet mineral in Pulmuddai beach Sri Lanka



EV/8/ Boardroom – Commerce and Management Studies (01.15pm – 03.45pm)
Room No. – Boardroom - Faculty of Commerce and Management Studies
Conference Sub Themes - Humanities and Social Sciences - 03

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs	01.15 - 01.30	IPRC/23/109	99	HSS 37	Deepthika Abeyasinghe	ලාංකේය සිනමාව, කර්මාන්තමය දුබලතා සහ ප්‍රචාරණ ක්‍රමවේද පිළිබඳ අධ්‍යයනයක්
Prof. R.K.L.M. Dharmasiri	01.30 – 01.45	IPRC/23/191	84	HSS 22	Sundaralingampillai Thivyadharshini	Objectification of women in television advertising in Sri Lanka
Dr.Achala Abeykoon	01.45 - 02.00	IPRC/23/65	94	HSS 32	Sahan U Sandaruwan	මාධ්‍ය ආචාරධර්ම තුළ ඇති පුද්ගලිකත්වයේ අයිතිය ආරක්ෂා කිරීමට ශ්‍රී ලංකා නීති පද්ධතියේ ඇති දායකත්වය පිළිබඳ විමසුමක්
Session Coordinator/s	02.00 – 02.15	IPRC/23/200	103	HSS 41	Ahesha sandamali	පාරිභෝගිකයා සන්ඡානමය ලෙස පෙළඹවීම සඳහා වෙළඳ දැන්වීම්කරණයේ දී භාවිත කරන නිර්මාණාත්මක උපක්‍රම (කොකා- කෝලා නිෂ්පාදනයට විශේෂිතව)
Mr. Supun Sooriyawansa	02.15 - 02.30	IPRC/23/230	89	HSS 27	Loshini K Lekamage	A study of the role of television political talk show in creating political public relations
	02.30 – 02.45	IPRC/23/258	105	HSS 43	Madhawa T Jayasinghe	ස්වාධීන රූපවාහිනී නාලිකාවේ විකාශනය වූ ටෙලි නාට්‍ය වල ව්‍යවහාර ප්‍රමාණය පිළිබඳ ප්‍රේක්ෂක මතය
	02.45 – 03.00	IPRC/23/125	78	HSS 16	Pradeep L. M. A. P. Gunawardhana	Identifying the spatial distribution of drought risk zonations in the North Central Province of Sri Lanka
	03.30 – 03.45	IPRC/23/187	83	HSS 21	Ama Pothuhera	The influence of social media on the lives of the undergraduates of the Arts Faculties of the University of Kelaniya



MO/6/ B1 343- Faculty of Science (10.30am – 12.15pm)
Room No. - B1 343- Faculty of Science
Conference Sub Themes – Humanities and Social Sciences – 04

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs	10.45 - 11.00	IPRC/23/173	82	HSS 20	Pubudini S Pathirana	Productivity of machine translation in translating technical documents: an analysis of Google Translate output
Dr. Dinali Fernando	11.00 - 11.15	IPRC/23/07	63	HSS 01	Hasanthi I. Premathilaka	An Analytical Study on the Contraction of Voiceless Glottal Fricative Sound in Spoken Hindi: Rapid Speech Context
Dr. Udara De Silva	11.15 - 11.30	IPRC/23/83	72	HSS 10	Isurika Caldera Priyanwada Wanigasootriya	User perception of Electronic Services (E-Services) in university libraries Sri Lanka
Dr. C.D.H.M. Premaratne	11.30 - 11.45	IPRC/23/88	73	HSS 11	Dulanka S Lansakara	Drawing associative pictures: a mnemonic in memorizing and determining grammatical genders of German nouns
Session Coordinator/s	11.45 - 12.00	IPRC/23/103	74	HSS 12	Jayamal de Silva	Translating Titles of Literary Works: A Study Based on Sherlock Holmes Stories Translated by Chandana Mendis
Miss. Hashitha Tharakee	12.00 - 12.15	IPRC/23/107	98	HSS 36	Nadeeshani K K Hulugalla	සමකාලීන සිංහල භාෂා භාවිතය මුහුණුපොතෙහි මිමිස් තුළ පිළිබිඹු වන ආකාරය පිළිබඳ වෘත්තීයවේද්‍යාත්මක අධ්‍යයනයක්



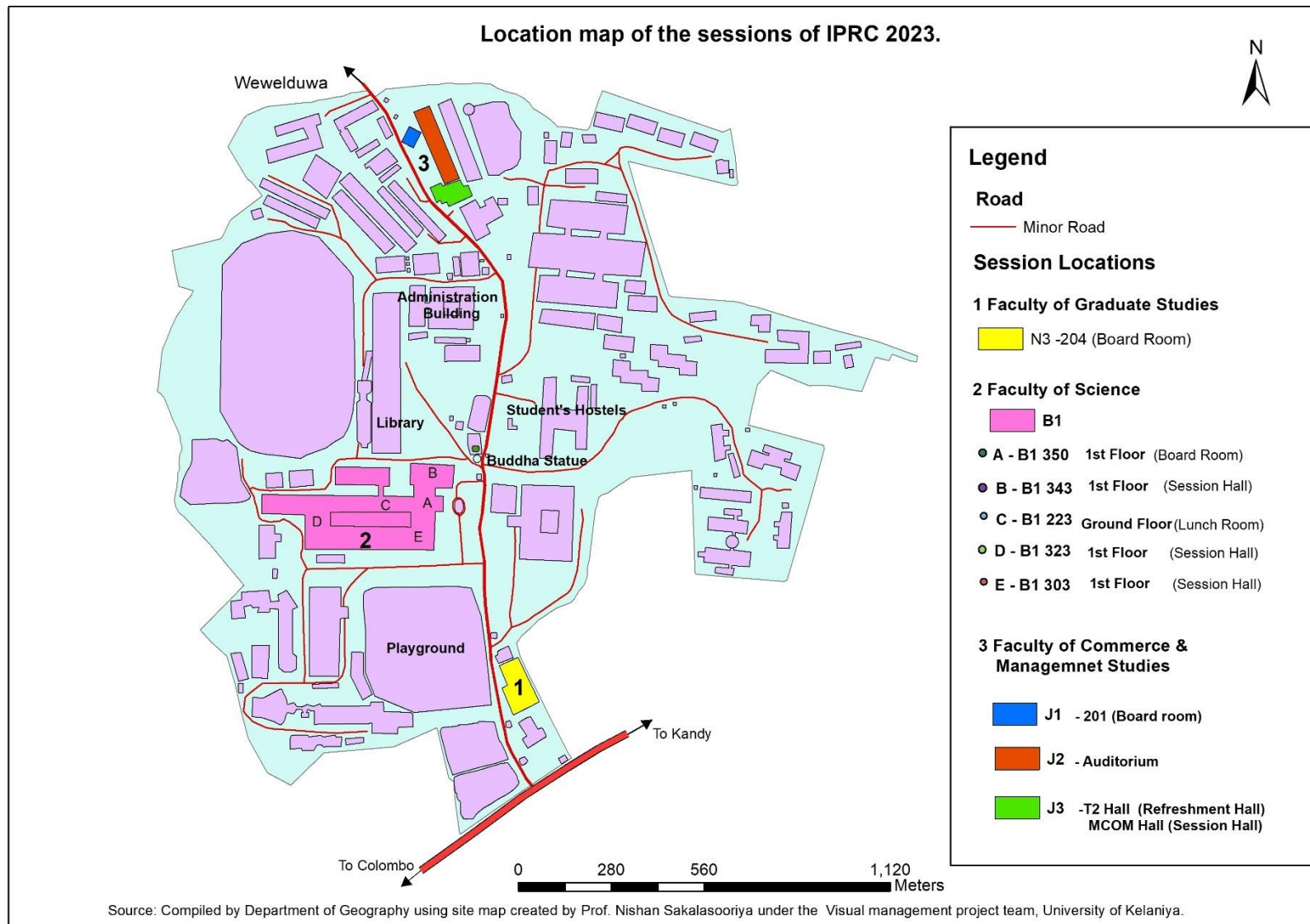
EV/09/ B1 343 - Faculty of Science (1.15pm – 3.00pm)

Room No. - B1 343 - Faculty of Science

Conference Sub Themes – Humanities and Social Sciences - 05

Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs Prof. Seetha Bandara Prof. Osantha Nayanapriya	01.15 - 01.30	IPRC/23/63	70	HSS 08	Chithrangani Champika	The potentials of the coco coir-based industry to increase export earnings in Sri Lanka: A case study of Kuliypitiya-West divisional secretariat division
	01.45 - 02.00	IPRC/23/45	106	HSS 44	P.C. Hettiarachchi	ආර්ථික සහභාගීත්වය හා මූල්‍ය ප්‍රාග්ධන ප්‍රවේශයන් තුළ වැඩිහිටියන් මුහුණ දෙන ගැටලු හා අභියෝග
Session Coordinator/s	02.00 - 02.15	IPRC/23/81	71	HSS 09	Raja Goonaratne	An analysis of the war between King <i>Duṭugamunu</i> and <i>Elāra</i> from the Perspectives of International Humanitarian Law
	02.15 - 02.30	IPRC/23/100	97	HSS 35	Maheshika L Wimalarathna	මැදපෙරදිග රටවල විදේශගත වන ශ්‍රී ලාංකික කාන්තා ශ්‍රමිකයන්ගේ කාර්ය සහ මානසික ගැටලු
Miss. Hashitha Tharakee	02.30 – 02.45	IPRC/23/210	88	HSS 26	Iruma M Ratnayake	A socio-cultural study of taboo rendition in Sinhalese Fansubbing
	02.45 – 03.00	IPRC/23/242	104	HSS 42	Harshani M. Kariyawasam	ගහස්ප ප්‍රචණ්ඩත්වයට ලක් වූ ශ්‍රී ලාංකික කාන්තාවන්ගේ සංකූචිත භාර්යා සහලක්ෂණය පිළිබඳ අධ්‍යයනයක් (Battered women syndrome)
	03.00 – 03.15	IPRC/23/79	93	HSS 31	A. M. S. Angammana	Unveiling citation patterns and scholarly impact: analysis of the Journal of Tropical Forestry and Environment from 2012 -2021

Conference Venue





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Enrichment Of Academic Strength Through Research



CONFERENCE PROGRAM



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