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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

Convener

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

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Senior Professor N.A.K.P.J. Seneviratne
Dean, Faculty of Graduate Studies

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Conference Co-Coordinators

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Ms. T.J. Sarathchandra

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Prof. Osantha Nayanapriya	Dr. Mahendra Gunawardena
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Prof. Seetha Bandara	Dr. Sudath Senarath
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Prof. Shashikala Rajapaksha	Dr. Vindya Weerawardhana
Prof. Suranga Wickramarachchi	Dr. W. M. A. P. Halmillawewa
Dr Prabashini Wijewantha	Mr. Arjun De Silva
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Panel of Reviewers

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Prof.S. Hettiarachchi	Dr.R.P.G.K. Rajapaksa
Prof.S.P.Senanayake	Dr.U.P Liyanage

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Prof. S P Senanayake

Prof. S.S.Weligamage

Dr. Chamila Siriwardene

Dr. R.A.I.C.Karunaratne

Dr.Namalee 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	<i>Plenary Session One - Translating research into organizational change: Leadership and institutional work</i> Prof. Stephen Marshall - Director of the Centre for Academic Development at the Victoria University of Wellington, New Zealand				
Moderator	Time	Abstract ID	Page No	Proceeding ID	Presenter	Title
Session Chairs	11.15 - 11.30	IPRC/23/18	59	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	61	MDS 04	D.D. D. Suraweera	Study on household waste management practices of undergraduates
Dr. Anura Karunarathna	11.45 - 12.00	IPRC/23/143	69	MDS 12	Deshani Wijesekara	නිපුණතා පාදක ඉගැන්වීමේ ක්‍රම පන්ති කාමරය තුළ ක්‍රියාත්මක වන ආකාරය පිළිබඳව විශ්ලේෂණාත්මක අධ්‍යයනයක්. (ඉතිහාසය විෂය ඇසුරින්)
	12.00 - 12.15	IPRC/23/17	58	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	110	HSS 40	Aditha Udayangi Dissanayake	New approach for translations of literature written in lesser-known languages based on creative strategies of ancient Sinhala literary translation traditions
Session Coordinator/s	12.30 – 12.45	IPRC/23/235	105	HSS 35	C.B. Wanigasingha	Factors affecting students' acceptance of E-learning in Sri Lanka: Evidence from social sciences undergraduates of University of Kelaniya.
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	119	HSS 49	S. A. I. Maduwanthi	සෛබළුන් යුද්ධයේ දී ආබාධිත වීම ඔවුන්ගේ කලත්තු භූමිකාවට ඇති කෙරෙන බලපෑම (රාගම රණවිරු සෙවන පුනරුත්ථාපන ආයතනය ඇසුරෙන්)
Prof. Nadeesha Gunawardhan	02.15 - 02.30	IPRC/23/22	73	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.
Session Coordinator/s						
R.A.L. Madushika	02.30 - 02.45	IPRC/23/40	75	HSS 05	H.D. Hasitha Jeewanthi	Women in urban slums: with special reference to two urban slums in Gampaha district in Sri Lanka.
	02.45 - 03.00	IPRC/23/58	77	HSS 07	Ranjith D. M. Upuldeniya	A comparative study on prejudices of Sinhalese and Tamils towards each other in the post-war reconciliation process of Sri Lanka
	03.00 – 03.15	IPRC/23/209	102	HSS 32	Ama Pothuhera	An analysis of the employment among the undergraduates of the Arts Faculties of the University of Kelaniya
	03.15 – 03.30	IPRC/23/187	96	HSS 26	S. A. I. Maduwanthi	The influence of social media on the lives of 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	87	HSS 17	T. M. Dasantha Bandara	An analysis of the health communication characteristics of Buddhist philosophy
Prof. Bihesh Indika Sampath	03.45 – 04.00	IPRC/23/139	118	HSS 48	Rathnayaka Priyantha Subhashini Menike Rathnayaka	නූතනත්වය ස්ත්‍රී චින්තනයට සිදුකරන බලපෑම පිළිබඳ විමර්ශනාත්මක අධ්‍යයනයක්: උෂා ප්‍රියන්වදාගේ කෙටිකතා ඇසුරෙන්
Prof. A.I. Divakara	04.00 - 04.15	IPRC/23/193	121	HSS 51	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	99	HSS 29	R. M. D. S. Randiwela	Female use of cosmetics during the Roman Empire
R.A.L. Madushika	04.30 - 04.45	IPRC/23/91	113	HSS 43	P. Kumarasingha	අංගංචොර සටන් කලාවේ නිරායුධ සටන් ශිල්ප ආශ්‍රිත අස්පර්ශ්‍ය සංස්කෘතික උරුම දැනුම පිළිබඳ අධ්‍යයනයක්
	04.45 - 05.00	IPRC/23/98	114	HSS 44	M.J. Supun Hemachandra	බඹර වළල්ල සිනමා කෘතියෙන් නිරූපිත සමාජ ස්ථරායණය පිළිබඳ අධ්‍යයනයක්
	05.00 - 05.15	IPRC/23/208	101	HSS 31	Asitha Amarakoon	A study on the influence of European heraldic visual designs on emblem designs of Sri Lanka
	05.15 – 05.30	IPRC/23/222	123	HSS 53	P. W. Chintha Pavithrani	සුබ සහ යස නාට්‍යයෙහි ගැබ්වන සම්ප්‍රදාය විරෝධය

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. Samanthi Jayawardena	10.30 - 10.45	IPRC/23/108	85	HSS 15	M.S.M. RIZWAN	Expo-writing: A Strategy to Minimize Grammatical Errors
	10.45 - 11.00	IPRC/23/112	86	HSS 16	Karasinghe Arachchillage Hiroshima Maduwanthi	The impact of the medium of instruction on the grammatical errors committed by the English second language learners
						Dr. Vindya Weerawardhana
Dr. Sudath Senarath	11.00 - 11.15	IPRC/23/14	72	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	74	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	91	HSS 21	Nimali Priyadarshanie Heenpella	Right to Participation of Children in Teaching- Learning Process
	11.45 - 12.00	IPRC/23/147	92	HSS 22	Hewa Kavirathnage Priyashani Dineshika	Perception of Using “Padlet” as a Multimodal Text to Enhance the first Year Undergraduates’ Academic Writing Skills
Mr. Anushka Dulanjana	12.00 - 12.15	IPRC/23/157	93	HSS 23	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	106	HSS 36	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	76	HSS 06	Hasara Senadhipathi	Enhancing Undergraduate’s 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	37	STMM 28	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	18	STMM 09	P. P. S. S. Pussepitiya	Teaching CAD/CAM tools through Project- Based Learning at undergraduate level
Dr. B.M.T. Kumarika	01.45 - 02.00	IPRC/23/149		STMM		Some topological indices of subdivision graph of firecracker graph
Dr. Aruna Wanninayaka	02.00 - 02.15	IPRC/23/166	36	STMM 27	W. P. R. T. Perera	Advancements in multifunctional core-shell adsorbent comprising graphene oxide/ sand for adsorptive removal of water contaminants.
Session Coordinator/s	02.15 - 02.30	IPRC/23/154	32	STMM 23	A. R. M. A. M. Rathnayake	Expanded Graphite reinforced polystyrene composites for Li-ion battery thermal management
Mr. Anushka Dulanjana	02.30 - 02.45	IPRC/23/255	51	STMM 42	W. T. R. S. Fernando	Electrochemical performance of n-type Cu ₂ O anode material synthesized by electrodeposition method for rechargeable lithium-ion batteries
	02.45 - 03.00	IPRC/23/257	52	STMM 43	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 Dr. W. M. A. P. Halmillawewa	03.15 - 03.30	IPRC/23/269	55	STMM 46	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	56	STMM 47	H. A. Nimmi Apsara Jayalal	In vivo cytogenotoxicity of powdered laundry detergents in <i>Allium cepa</i>
	03.45 – 04.00	IPRC/23/53	16	STMM 07	Dayani Pavalakumar	Assessing the antioxidative potential of lactic acid bacteria inhabiting tender coconut water
Session Coordinator/s Mr. Anushka Dulanjana	04.00 - 04.15	IPRC/23/80	21	STMM 12	Sathivel Thivijan	The Non-Saccharomyces Microflora Inhabiting Sri Lankan Grapes for Wine Fermentation: An Unveiled Physiochemical Characteristic and Fermentation Dynamics
	04.15 – 04.30	IPRC/23/184	39	STMM 30	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	17	STMM 08	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	128	STMM 48	Dulanjalee Madhusha 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	129	STMM 49	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	25	STMM 16	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	12	STMM 03	Kaumudee Kodikara	Identifying essential procedural skills and competencies in Sri Lankan undergraduate medical curricula
	11.00 - 11.15	IPRC/23/27	13	STMM 04	DR DILINI WIJESEKARA	Epidemiology of child leprosy in Sri Lanka.
	11.15 - 11.30	IPRC/23/41	14	STMM 05	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	15	STMM 06	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
	12.30 – 12.45	IPRC/23/118	28	STMM 19	M. M. Siriwardana	Imaging features of common anatomical variations of the ureters: a pictorial essay
	12.45 – 01.00	IPRC/23/150	31	STMM 22	Pallewatte Gamaralalage 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	45	STMM 36	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	33	STMM 24	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	34	STMM 25	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	35	STMM 26	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						
Miss. Dineesha Chandrasiri	02.00 - 02.15	IPRC/23/183	38	STMM 29	Hansika Weerakoon	Investigation of agricultural drought in paddy using vegetation indices and land surface temperature in Anuradhapura district, Sri Lanka
	02.15 - 02.30	IPRC/23/196	40	STMM 31	Sudath K Pamarathna	Diversity assessment of old seedling teas in IU3c agroecological region in Sri Lanka
	02.30 - 02.45	IPRC/23/69	19	STMM 10	KLS 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	03.15 - 03.30	IPRC/23/218	42	STMM 33	Shirom Rajeev Siriwardana	Imaging of intramuscular abscesses: A pictorial view of four cases
Dr. P.M.Thusitha B. Wickramasinghe	03.30 – 03.45	IPRC/23/85	22	STMM 13	Piame Madushani	Innovative approach to COVID-19 Vaccine Registration: case study from Sri Lanka
Prof. Nayana Gunathilaka	03.45 – 04.00	IPRC/23/87	23	STMM 14	Siriwardana	Imaging of anatomical variations of the kidney: A pictorial essay
Session Coordinator/s	04.00 – 04.15	IPRC/23/189	65	MDS 08	Thilak P.G.H. Wanasinghe	Critical evaluation of Non-Communicable Diseases (NCD) prevention health communication content on selected Facebook pages in Sri Lanka
Miss. Dineesha Chandrasiri	04.15 – 04.30	IPRC/23/263	68	MDS 11	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
Dr. M. L. D. C. J. Liyanage	10.45 - 11.00	IPRC/23/110	03	ABM 03	Gonaduwaige G.N.K Siriwardana	A market research on factors affecting for the introduction of an ayurvedic power-based shampoo in Sri Lanka.
Dr Prabashini Wijewantha	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
Mr. Arjun De Silva	11.15 - 11.30	IPRC/23/172	05	ABM 05	Sunali Fernando	The unheeded female voice: a study of the union participation of female academics in Sri Lankan state universities
Session Coordinator/s	11.30 - 11.45	IPRC/23/217	06	ABM 06	Ganeshamoorthy Thaneshan	Board composition and corporate reporting on Internet: Sri Lanka evidence
Mr. Thilina Silva	11.45 - 12.00	IPRC/23/220	07	ABM 07	Tharsika Krishnasamy	Effectiveness of the Board of directors and firm performance of listed companies in Sri Lanka – 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	Sanduni Navodya 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	02.00 - 02.15	IPRC/23/201	41	STMM 32	Padmika Wadanambi	In silico screening of potential inhibitors from Azadirachta indica (Neem) against PIKfyve kinase, a therapeutic target for multiple diseases
Prof. Priyani Paranagama	02.15 - 02.30	IPRC/23/253	50	STMM 41	Padmika Wadanambi	Molecular docking and simulation studies of hippophaenin-A against penicillin binding proteins of foodborne pathogenic bacteria
Prof. Suranga Wickramarachchi	02.30 – 02.45	IPRC/23/90	60	MDS 03	Janitha D Kumarathunga	In vivo control of Aspergillus flavus on stored rice by slow release formulations of cinnamon and lemongrass oil
Session Coordinator/s	02.45 – 03.00	IPRC/23/152	63	MDS 06	Upeka C Delpachitra	Evaluation of phytochemical composition and antioxidant properties of ethanol extract of bark of Dialium ovoideum thwaites
	03.00 – 3.15	IPRC/23/95	24	STMM 15	Aththanayaka Mudiyansele Samudrika H Aththanayaka	Evaluation of in vitro antibacterial efficacy of biogenic Ag-ZnO nanocomposites synthesized utilizing Suprema F1 agro-waste
Mr. Thilina Silva	03.15 - 03.30	IPRC/23/194	66	MDS 09	Nimashi Palindi Herath	Seed extracts of true halophytes, Salicornia brachiata and Suaeda maritima, as excellent sources of anti-inflammatory and antioxidant agents
	03.30 – 03.45	IPRC/23/104	26	STMM 17	Sajeewa Herapathdeniya	Safety evaluation of Lokanatha Rasa, an ayurveda mercurial preparation, using Wistar rats

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	03.45 – 04.00	IPRC/23/259	53	STMM 44	Shabika Refai	Antioxidant and anti-inflammatory activities of selected endemic plants of Sri Lanka.
	04.00 – 04.15	IPRC/23/12	10	STMM 01 (Online)	Didula Sasandara Alwis	Activated carbon derived from peel waste of Citrus madurensis for the Pb (II) removal in aqueous solutions.

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 Dr. A.M.T. Amarakoon	10.30 - 10.45	IPRC/23/116	27	STMM 18	Anjalee Senanayake	Biochemical analysis of a novel Kefir-Based fortified food supplement
	10.45 - 11.00	IPRC/23/122	29	STMM 20	Dilki thathsarani	Quantification of total phenolics in flowers of selected Phalaenopsis cultivars
Dr. Chamila Kadigamuwa	11.00 - 11.15	IPRC/23/131	30	STMM 21	Nuwan SJ Wijenayake	Anti-oxidant activity and phytochemical profile of Solanaceae species in Sri Lanka
	11.15 - 11.30	IPRC/23/237	47	STMM 38	Janith Lakshan	Harnessing pH indicators for timely detection of ammonia
Session Coordinator/s Mr. Supun Sooriyawansa	11.30 - 11.45	IPRC/23/245	48	STMM 39	Dinithi D Sakalasureiya 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	54	STMM 45	Udage Dilini Sashikala	Evaluating the Efficacy of tannins from Psidium guineense Sw. leaves, Eugenol, Cinnamaldehyde, and Coconut Pairing Residue in Controlling Food Spoilage Fungal Growth
	12.00 – 12.15	IPRC/23/234	46	STMM 37	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	43	STMM 34	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	117	HSS 47	Deepthika Abeyasinghe	ලාංකේය සිනමාව, කමර්ෂාන්තමය දුබලතා සහ ප්‍රචාරණ ක්‍රමවේද පිළිබඳ අධ්‍යයනයක්
Prof. R.K.L.M. Dharmasiri	01.30 – 01.45	IPRC/23/191	97	HSS 27	Sundaralingampillai Thivyadharshini	Objectification of women in television advertising in Sri Lanka
Dr.Achala Abeykoon	01.45 - 02.00	IPRC/23/65	112	HSS 42	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	122	HSS 52	Ahesha sandamali	පාරිභෝගිකයා සන්නාමය ලෙස පෙළඹවීම සඳහා වෙළඳ දැන්වීම්කරණයේ දී භාවිත කරන නිර්මාණාත්මක උපක්‍රම (කොකා- කෝලා නිෂ්පාදනයට විශේෂිතව)
Mr. Supun Sooriyawansa	02.15 - 02.30	IPRC/23/230	104	HSS 34	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	125	HSS 55	Madhawa T Jayasinghe	ස්වාධීන රූපවාහිනී නාලිකාවේ විකාශනය වූ ටෙලි නාට්‍ය වල ව්‍යවස්ථාපිත ප්‍රමාණය පිළිබඳ ප්‍රේක්ෂක මතය
	02.45 – 03.00	IPRC/23/125	88	HSS 18	Pradeep LMAP Gunawardhana	Identifying the spatial distribution of drought risk zonations in the North Central Province of Sri Lanka
	03.00 – 03.15	IPRC/23/168	94	HSS 24	Maheshi K.M.M.M Kulathunga	Dynamics of Land Use and Land Cover (LULC) Changes in Katana Divisional Secretariat Division (DSD), Sri Lanka: A Comprehensive Analysis (2000-2023)
	03.15 – 03.30	IPRC/23/192	98	HSS 28	Kalindu Rathnayaka	Contribution of Climate Smart Agriculture (CSA) to Ensure Household Food Security: A Case of Dry Zone of Sri Lanka
	03.30 – 03.45	IPRC/23/187	96	HSS 26	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 Dr. Dinali Fernando	10.30 - 10.45	IPRC/23/137	90	HSS 20	Ridmi Handapangoda	Impact of the use of non-Unicode Sinhala fonts on visually impaired persons: a sociological study
	10.45 - 11.00	IPRC/23/173	95	HSS 25	Pubudini S Pathirana	Productivity of the machine translation in translating technical documents: an analysis of Google Translate output
	11.00 - 11.15	IPRC/23/07	71	HSS 01	Hasanthi I. Premathilaka	An Analytical Study on the Contraction of Voiceless Glottal Fricative Sound in Spoken Hindi: Rapid Speech Context
	11.15 - 11.30	IPRC/23/83	81	HSS 11	Isurika Caldera Priyanwada Wanigasootriya	User perception of Electronic Services (E-Services) in university libraries Sri Lanka
Session Coordinator/s Miss. Hashitha Tharakee	11.30 - 11.45	IPRC/23/88	82	HSS 12	Dulanka S Lansakara	Drawing associative pictures: a mnemonic in memorizing and determining grammatical genders of German nouns
	11.45 - 12.00	IPRC/23/103	83	HSS 13	Jayamal de Silva	Translating Titles of Literary Works: A Study Based on Sherlock Holmes Stories Translated by Chandana Mendis
	12.00 - 12.15	IPRC/23/107	116	HSS 46	Nadeeshani K K Hulugalla	සමකාලීන සිංහල භාෂා භාවිතය මුහුණුපොතෙහි මිමිස් කුළ පිළිබිඹු වන ආකාරය පිළිබඳ වග්විද්‍යාත්මක අධ්‍යයනයක්

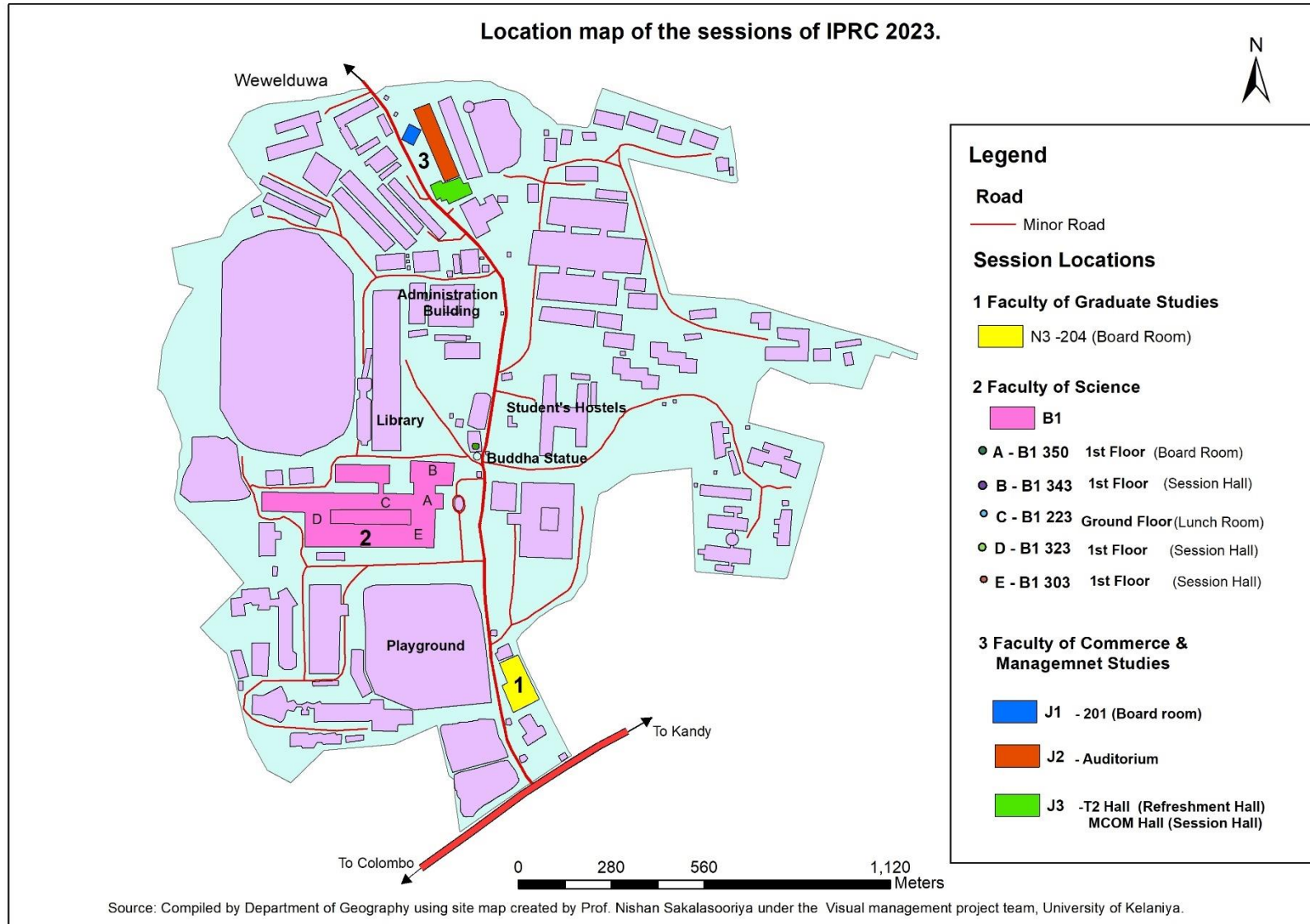
EV/09/ B1 343 - Faculty of Science (1.15pm – 3.00pm)

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	01.15 - 01.30	IPRC/23/63	78	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
	01.30 - 01.45	IPRC/23/204	100	HSS 30	Auchithya Denzil Rathnayake	Unemployment Crisis and Skill Mismatch among Youth: A Case of Sri Lankan University Graduates
Prof. Osantha Nayanapriya	01.45 - 02.00	IPRC/23/45	126	HSS 56	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	80	HSS 10	Raja Goonaratne	An analysis of the war between King Dutugamunu and Elara from the Perspectives of International Humanitarian Law
	02.15 - 02.30	IPRC/23/100	115	HSS 45	Maheshika L Wimalarathna	මැදපෙරදිග රටවල විදේශගත වන ශ්‍රී ලාංකික කාන්තා ශ්‍රමිකයන්ගේ කායික සහ මානසික ගැටලු
Miss. Hashitha Tharakee	02.30 – 02.45	IPRC/23/210	103	HSS 33	Iruma M Ratnayake	A socio-cultural study of taboo rendition in Sinhalese Fansubbing
	02.45 – 03.00	IPRC/23/242	124	HSS 54	Harshani M Kariyawasam	ශාභස්ථ ප්‍රවණත්වයට ලක් වූ ශ්‍රී ලාංකික කාන්තාවන්ගේ සංකූචිත භාර්යා සහලක්ෂණය පිළිබඳ අධ්‍යයනයක්

Conference Venue





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