



**18th Conference on Postgraduate Research
International Postgraduate Research Conference
2017**

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

Conference Programme

08th December 2017
Faculty of Graduate Studies
University of Kelaniya
Sri Lanka
www.fgs.kln.ac.lk



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About IPRC 2017

The International Postgraduate Research Conference 2017 of the Faculty of Graduate Studies is a multidisciplinary conference that addresses issues and emerging concepts in the Science, Social Sciences, Humanities, Medical Science, Commerce & Management Studies, Computing & Technology and the role they play in scientific, economic, social, cultural and sustainable development. The event will provide a platform for practitioners, academics, policy makers, researchers and postgraduate students to share their experience and expertise through the presentation of high-quality research.

The conference this year will include a keynote address by Professor Ray McNamara, Associate Dean, College of Business, law and Governance at James Cook University, Australia.

Conference Committee

Convener:

Professor D.M. Semasinghe
Vice Chancellor
University of Kelaniya, Sri Lanka

Conference Chair:

Professor Ariyaratna Jayamaha

Faculty Co-ordinators:

Faculty of Commerce & Management Studies: Prof. K.A.S. Dhammika

Faculty of Computing & Technology: Dr. S. R. Liyanage

Faculty of Humanities: Dr. Kaushalya Perera

Faculty of Medicine: Dr. Anura Dissanayake

Faculty of Science: Dr. I.V.N. Ratnayake

Faculty of Social Sciences: Dr. M.G. Kularathna

Conference Secretary: Mr. K.B.S.L. Wijeratne

Financial Coordinator: Mr. H. M. N. C. Herath

Administrator Conference Management System: Ms. M.S. Hettiarachchi

Editorial Board

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Dr. Romola Rasool

Mr. Neil Pushpakumara

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Supporting Staff

Mr. J. P. Priyantha

Mr. C. L. Wanniarachchi

**Welcome to the
18th Conference on Postgraduate Research
“International Postgraduate Research Conference”
IPRC 2017**

A Special Note About the Program Book

The University of Kelaniya is moving towards becoming the first university to successfully adopt green practices in Sri Lanka. We are beginning to move towards a 'paperless' society. In keeping with the concept, we have decided to offer the essential information that participants would require in print form. The rest of the information is offered online. This year, the conference was organized using an online conference management platform that facilitated a smooth organizing process and better data management in registration and reviewing. We hope participants would appreciate our new initiative.

The online programme: offers session information, time, date, author information and title of abstract

The conference programme book: offers conference information, time, date and venue

Abstract and author information book: available online in PDF format offers full author information

Online information will be available through the conference web site. All online information will be accessible on your smart phone or iPad through the IPRC web site. To obtain access to the IPRC web page, please scan the QR code. Wi-fi facilities are available at the conference venue.

General Conference Information:

If you need any technical or internet support in a conference room, please feel free to contact the conference volunteer/ Event Management Team.

Photographer Information

There will be an official photographer at the conference.

IPRC 2017 Information**Registration Fees:**

| Category | Fee |
|--|------------------------|
| Participants from SAARC Countries Presenters Participants | USD 50 USD 25 |
| Participants from Non- SAARC Countries Presenters Participants | USD 100 USD 50 |
| Local Participants Presenters Participants | 4,500 LKR 2,000 LKR |
| Registered students (currently registered students) of the Faculty of Graduate Studies, University of Kelaniya | 2,500 LKR |
| Permanent Staff of University of Kelaniya | Free* |

Instructions for oral presentations

All rooms will be equipped with a computer and data projector. The operating system will be Windows 8 Professional and available software will be Microsoft Office Professional (including MS Word, MS PowerPoint, MS Excel), Adobe Acrobat, Windows Media Player, and Flash Player.

Oral paper sessions

Oral presentations will be 10 minutes in duration, with an additional 5 minutes allotted for questions and answers. Presenters are requested to save their presentations on laptops at the venue prior to their session. It is strongly recommended to the presenters to email their final presentations to iprc@kln.ac.lk.

Conference sessions

The duration of a paper presentation is 15 minutes.

Instruction for Poster Presentations

Poster display boards will be provided for all presenters. The maximum poster size is 115cm high x 88cm wide (i.e., it is requested that posters be of ‘portrait’-style orientation). Content must be easily read at a distance of 150cm. A poster printed on the large sheet is encouraged. Individual posters will be allocated specific spaces in the display area, according to themes determined by the Scientific Committee (refer to poster session programme for further information). The display area will be adjacent to the venue for the oral sessions and refreshments breaks. Posters should be placed on the poster board as early as possible from the start of the conference and ideally should remain on display for the duration of the conference.

For ease of referencing, a unique code has been assigned to each presentation, take:

Abstract ID

- The letter string in the first position refers to title of the conference - IPRC.
- Second position refers to the year “2017”.
- The number in the third position refers to the number of the abstract ID.

Session Guideline

Example:

Day -01/MO/01/K013/11.00-13.00

| | |
|-------------|---------------------------|
| Day -01 | = Conference Day |
| MO | = Session Morning/Evening |
| 01 | = Panel Number |
| K013 | = Room Number |
| 11.00-13.00 | = Session Time |

The Conference Venue

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.

Today, the University of Kelaniya is one of the major national Universities. It is located just outside the municipal limits of Colombo, in the ancient and historic city of Kelaniya, on the north bank of the Kelani River. It has two major campuses, seven locations, six faculties and four institutions.

The University of Kelaniya has pioneered a number of new developments in Higher Education. It was one of the first Universities to begin teaching science in Sinhala, and also the first to restructure the traditional Arts Faculty into three separate Faculties of Humanities, Social Sciences and Commerce and Management. It also has several unique Departments not generally found in the Sri Lankan University system and some Kelaniya innovations have been adopted subsequently by other Universities. These include the Departments of Industrial Management and Microbiology in the Faculty of Science; Departments of Linguistics, Fine Arts, Modern Languages and Hindi in the Faculty of Humanities; and Mass Communication and Library and Information Sciences in the Faculty of Social Sciences. In the year 2016 a new faculty has been established, Faculty of Computing and Technology.

In keeping with its historical root, the University is one of the national centers of excellence in Pali and Buddhist Studies and related fields. It has long established and well-developed Departments of Pali and Buddhist Studies (incorporating chairs in Buddhist Civilization and Buddhist Philosophy), Sanskrit, Linguistics, Philosophy, Sinhala, and Hindi, as well as the Postgraduate Institute of Pali & Buddhist Studies. Kelaniya also maintains close links with the Buddhist and Pali University of Sri Lanka (whose Vice-Chancellors have often been drawn from the University of Kelaniya Faculty). Thus, the University of Kelaniya forms the centre of an academic complex, specializing in modern developments in traditional disciplines. It also retains a close link with its mother institution, the Vidyalankara Pirivena, whose Head is also the Chancellor of the University.

At the same time, the University of Kelaniya has a modern and multi-cultural structure and perspective, with the Faculties of Science, Medicine, Social Sciences, Humanities, Commerce & Management and Computing and Technology and a strong base in modern languages, including the teaching of Chinese, English, French, German, Hindi, Japanese, Russian, Tamil, and Modern Linguistics. Presently engaged in extensive restructuring as it enters the 21st century, the University of Kelaniya looks forward to a new phase in its 125-year history of development.

The Faculty of Graduate Studies

The Faculty of Graduate Studies is one of the 7 faculties at the University of Kelaniya. It offers a variety of programmes, ranging from postgraduate diploma level to doctoral level. Currently, there are over thirty-five programmes offered by the various Faculties and institutions, leading to a Master's degree. Some of the courses are based only on course work, while others are based on research, and some others are a mix of course work and research. Course work at FGS means face-to-face teaching as in a traditional university. These courses are usually conducted during weekends or evenings, to enable people who are already employed to enhance their knowledge and skills. In order to be more accessible, the FGS hopes to launch distance learning modules in the near future.

Postgraduate study at MPhil (Master of Philosophy) and PhD (Doctor of Philosophy) levels are possible in each Faculty of the University of Kelaniya. These programmes tend to build on the skills acquired at undergraduate and Master's levels. They involve an applicant being assigned to a supervisor for guidance in conducting research. The applicant and supervisor/s work together to achieve the objectives of the research programme.

Programme Overview

| Time | Venue | Activity |
|--------------------------------------|------------------------|--|
| 08th December 2017 | | |
| 08.00 - 09.00 | K2 003 - Auditorium | Pre-conference registration |
| | | Opening ceremony |
| 09.00 – 09.05 | K2 003 - Auditorium | Arrival of guests Lighting of the traditional oil lamp Conference Video |
| 09.05 – 09.15 | K2 003 - Auditorium | Welcome address, Prof. Ariyaratna Jayamaha Dean/ FGS & Chair IPRC 2017 |
| 09.15 – 09.25 | K2 003 - Auditorium | Address by Chief Guest Prof. D.M. Semasinghe Vice Chancellor, University of Kelaniya |
| 09.25 – 09.35 | K2 003 - Auditorium | Address by the Chairman, Research Council Prof. N.P. Sunil Chandra |
| 09.35 - 10.05 | K2 003 - Auditorium | Keynote speech By Prof. Ray McNamara James Cook University, Australia |
| 10.05 – 10.10 | K2 003 - Auditorium | Vote of thanks Mr. K.B.S.L. Wijeratne SAR - FGS & Secretary IPRC 2017 |
| 10.10 -10.30 | K27 001 (Ground Floor) | Refreshments |
| 12.45 – 01.30 | K27 001 (Ground Floor) | Lunch break |
| 03.00 – 03.15 | K27 001 (Ground Floor) | Tea break |

Programme Schedule

| | | |
|--|---------------------|------------------------|
| DAY-01/MO/01/K27-302/1-10:45-1:15 | DAY-01 | Conference Day |
| | MO | Morning Session |
| | 01 | Session Number |
| | K 27 -302/1 | Room Number |
| | 10:45 - 1:15 | Session Time |

DAY-01/MO/01/K27-302/1 (10:45-1:15)**Room No: - K27 302/1****Computing and Technology**

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|------------------------|--------------|-------------|---------|-------------------------|--|
| Session Chair | 10.45-11.00 | IPRC/17/28 | 019 | K.T.S. Kasthuriarachchi | Recommendations for Students in Higher Education: A Machine Learning Approach |
| Dr Chamli Pushpakumara | 11.00-11.15 | IPRC/17/29 | 020 | Nikethan Selvanathan | Comparative Study on Decentralized Cloud Collaboration(DCC) |
| | 11.15-11.30 | IPRC/17/30 | 021 | R. K. J. De Silva | Virtual reality and augmented reality enabled new product development process model for performance apparel |
| Dr. C. Wijegunasekara | 11.30-11.45 | IPRC/17/120 | 025 | R.P.T.H. Gunasekara | Comparison of the Performances of SpdK-means Algorithm and Optimized SpdK-means Algorithm for clustering data points |
| Dr. Shantha Jayalal | 11.45-12.00 | IPRC/17/153 | 022 | G.P.S. Nalaka | Usage of Computer and Internet among Undergraduates: Knowledge, Awareness, and Concentration on Privacy and Security Management |
| | 12.00-12.15 | IPRC/17/168 | 023 | Thilini P.Rupasinghe | Inquiry Based Learning Approach in Introductory Level Science Education |
| | 12.15-12.30 | IPRC/17/108 | 024 | Sagara Lakmal | Behavioral modeling approach to simulate collaboration in apparel supply chains |
| | 12.30- 12.45 | IPRC/17/122 | 053 | Hiruni Niwunhella | Cluster-based transportation optimization – A case study from Pharmaceutical Supply Chains (PSC) |
| | 12.45 - 1.00 | IPRC/17/139 | 126 | P.K.G.C. Pitigala | The implementation of Management Information System and its impact on Performance Management of employees: with special reference to Apparel Industry of Sri Lanka |
| | 1.00 - 1.15 | IPRC/17/124 | 066 | D. Gamage | A Simulation-based Modelling Approach for Sustainable Supply Chains through Smart Collaboration |

DAY-01/MO/01/K27-202 (10:45-12.15)**Room No: - K27 202****Medical Sciences - I**

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|---|-------------|-------------|---------|---------------------------------|---|
| Session Chair Prof. Nilmini Gunawardena | 10.45-11.00 | IPRC/17/22 | 030 | Lakmini Balasuriya | Development of A Duration Pattern Test to Assess Temporal Processing Abilities in Normal Hearing Young Adults |
| | 11.00-11.15 | IPRC/17/42 | 029 | Chanil Ekanayake | Cost-effectiveness of three approaches to hysterectomy: a randomized controlled trial |
| Dr Prasanna Galhena | 11.15-11.30 | IPRC/17/43 | 031 | Hiriburagamage Amarabandu | Assessment of life style modifications among diabetes patients attending Primary Medical Care Unit, Yatiyana, Matara. |
| | 11.30-11.45 | IPRC/17/59 | 033 | Himaja Livera | Socio-demographic and hearing aid related factors that influence use of hearing aids. |
| | 11.45-12.00 | IPRC/17/160 | 039 | Nadeesha Dias Wickramasinghe | Clinical Pharmacists' Interventions to Improve Inhaler Use among Chronic Kidney Disease (CKD) Patients |
| | 12.00-12.15 | IPRC/17/180 | 042 | Lakmini Wijesooriya | Case report: Edwardsiella tarda sepsis following abortion |

DAY-01/EV/02/K27-202 (01:30-3:00)**Room No: - K27 202****Medical Sciences - 2**

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|---|-------------|-------------|---------|------------------------|--|
| Session Chair Prof. Nilanthi de Silva | 1.30- 1.45 | IPRC/17/179 | 035 | Thamal Darshana | The genetic origins and molecular characterization of sickle cell disease in Sri Lanka |
| | 1.45 - 2.00 | IPRC/17/65 | 034 | Weerakkody W.A.T.L | Assessment of background frequency of micronuclei formation in two selected populations in Sri Lanka. |
| | 2.00 - 2.15 | IPRC/17/88 | 036 | N.W.B.A.L. Udayanga | Optimization of Critical Threshold Values for Aedes mosquitoes based on Breteau Index in Kandy District of Sri Lanka |
| | 2.15 - 2.30 | IPRC/17/135 | 037 | Lakmini Wijesooriya | Study on knowledge, attitudes and practices regarding dengue fever in a cohort of Advanced Level students in Sri Lanka |
| Prof. Shaman Rajindrajith | 2.30 - 2.45 | IPRC/17/151 | 038 | N.W.B.A.L. Udayanga | Role of Larval Indices on the Incidence of Dengue Epidemics in Akurana, Medical Officer of Health (MOH) Area, Kandy |
| | 2.45 – 3.00 | IPRC/17/173 | 041 | Sarangi Jayathilaka | Detection of Dengue co-infec Detection of Dengue co infections using a Novel Single tube Multiplex Reverse Transcription Polymerase Chain Reaction using a Novel Single tube Multiplex Reverse Transcription Polymerase Chain Reaction |

DAY-01/MO/01/J1 (10:45-12:45)**Room No: - J1 (Board Room)****Commerce & Management Studies - I**

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|--|---------------|-------------|---------|------------------------|--|
| Session Chair Prof. K.A.S. Dhammika Prof. Chamaru De Alwis Dr. Nandana Pushpakumara | 10.45 -11.00 | IPRC/17/01 | 003 | R. Anuja | The Relationship Between Transfer Of Training And Three Predictors: Training Design, Trainee Characteristics And Work Environment In Trincomalee District In Sri Lanka |
| | 11.00 -11.15 | IPRC/17/03 | 004 | S. Pathirathna | Study of Decision-Making Skills of Government and Private School Principals in Gampha District, Sri Lanka |
| | 11.15 -11.30 | IPRC/17/04 | 005 | P.A.B.H. Amarathunga | Entrepreneurship Awareness Amongst the University Academics in Kurunegala District, Sri Lanka. |
| | 11.30 -11.45 | IPRC/17/73 | 006 | K.A.A.N. Thilakarathna | Duties of Directors in relation to corporate governance in Sri Lanka: Its adequacies and weaknesses |
| | 11.45 -12.00 | IPRC/17/91 | 007 | S.D. Illangasekara | A study on factors affecting purchase intention of urban consumers towards motorcycles with special reference to Dehiwala West Grama Niladhari Division |
| | 12.00 -12.15 | IPRC/17/100 | 008 | A.W. Edirisuriya | A Meta-Analysis of Green Procurement Practices in the FMCG Industry |
| | 12.15 -12.30 | IPRC/17/141 | 009 | T.M.H. Himasara | Are you a thrill seeker or a safe zone seeker? Impact of demographic factors on risk behavior of youth in Sri Lanka |
| | 12.30 - 12.45 | IPRC/17/54 | 133 | A. Jayaseelan | The Work-Life Balance of Medical Officers at Teaching Hospital Kandy, Sri Lanka |

DAY-01/EV/02/J1/1:30-3:30**Room No: - Board Room J1****Commerce & Management Studies - 2**

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|---|-------------|-------------|---------|------------------------|---|
| Session Chair - Prof. P.M.C. Thilakarathna Dr. K. D. D. Perera Dr. Dilrukshi Abeyawardena | 01.30-01.45 | IPRC/17/172 | 010 | Dr.K.K. Tilakasiri | How corporate social responsibility (CSR) concept is practically implemented by the lecturers and students in Sri Lankan Universities? |
| | 01.45-02.00 | IPRC/17/174 | 011 | I. Welmilla | Role Demand and Work life Balance experiences in Sri Lankan women employees in different Ethnic and cultural groups: A conceptual Model |
| | 02.00-02.15 | IPRC/17/176 | 014 | S.P.N. Sandagiri | Credit Risk Assessment and Credit Default Behavior in Sri Lanka |
| | 02.15-02.30 | IPRC/17/181 | 012 | W.A.S. Weerakkody | The Impact of HR Key Result Areas on Intention to Quit From the Job of Production Floor Workers in Sri Lankan Garment Industry |
| | 02.30-02.45 | IPRC/17/182 | 013 | W.A.S. Weerakkody | The Impact Labour Constrains on Productivity: A Study Based on Handloom Industry in Western Province |
| | 02.45-03.00 | IPRC/17/186 | 015 | Anbarasu Thangavelu | Job Satisfaction and the Employees' Perception of their Performance in Small and Medium IT companies |
| | 03.00-03.15 | IPRC/17/177 | 060 | Bandu Samarasekara | Analysis of Photo - degradation Behavior of Poly Vinyl Chloride Based Products |
| | 03.15-03.30 | IPRC/17/48 | 129 | U. Wijesingha | Impact of Community Based Health Promotion Activities on developing Health Practices in Horowpothana Divisional Secretariat Division. |

DAY-01/MO/01/K27-102 (10:45-12:15)**Room No: - K27-102****Science (Biological Sciences) 1**

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|---|-------------|-------------|---------|---------------------|---|
| Session Chair Prof. P.A.Paranagama Dr. D.L.Jayaratne | 10.45-11.00 | IPRC/17/11 | 065 | W. Weliange | Butchering Practices of Veddah; the Indigenous People of Sri Lanka |
| | 11.00-11.15 | IPRC/17/12 | 063 | W. Weliange | Significance of fish in culture of Veddah; The Indigenous People of Sri Lanka |
| | 11.15-11.30 | IPRC/17/26 | 061 | Chathuri Senanayake | Nutritional effect of consumption of domestic and commercially available coconut milk preparations in Wistar rats |
| | 11.30-11.45 | IPRC/17/97 | 049 | P. Hapugaswatta | Comparison of methods for miRNA extraction from plasma and peripheral blood mononuclear cells |
| | 11.45-12.00 | IPRC/17/80 | 064 | N. Wariyapperuma | Pressured water extraction and solvent extraction of Cinnamomum zeylanicum (L.) bark and evaluation of anti-diabetic properties |
| | 12.00-12.15 | IPRC/17/93 | 047 | A. Karunasiri | Protective effect of coconut cake phenolic antioxidants on oxidative stress induced macromolecular damage in Hep2 cells. |

DAY-01/MO/01-1/K27-103 (10:45-12:00)**Room No: - K27-103****Science (Physical Sciences) 1-1**

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|--|-------------|-------------|---------|---------------------|--|
| Session Chair- Prof. S.R.D. Kalingamudali Dr. Suranga Wickramarachchi | 10.45-11.00 | IPRC/17/78 | 062 | H.Y.R. Atapattu | MATLAB based software tool for grain classification and their quality identification |
| | 11.00-11.15 | IPRC/17/167 | 058 | K.W.A. Kaushalya | Smart white cane |
| | 11.15-11.30 | IPRC/17/170 | 059 | G. Wanigasekara | Low cost method for prototyping printed circuit boards |
| | 11.30-11.45 | IPRC/17/133 | 054 | S.S.N. Fernando | Green synthesis of TiO ₂ nanoparticles: a cost effective approach |
| | 11.45-12.00 | IPRC/17/101 | 050 | P.S. De Silva | Addressing the problem in applying recently using relative humidity equation as a ratio of saturation pressures, for closed systems and deriving the correction ratio for closed systems |

DAY-01/EV/02/K27-102 (1:30-3:00)

Room No: - K27-102

Science (Environmental Sciences) 2

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|--|-------------|-------------|---------|--------------------|--|
| Session Chair Prof.(Mrs.) Ashoka Pathiratne Dr.(Mrs.) D.S.M. De Silva | 1.30- 1.45 | IPRC/17/109 | 051 | W A P J Premaratne | Physicochemical analysis of ground water quality and soil in Ja-Ela area in Sri Lanka |
| | 1.45 - 2.00 | IPRC/17/147 | 056 | L Handagiripathira | Assessment of Heavy Metal Contamination In Negombo Lagoon And Achchankulam Estuary In Mannar District |
| | 2.00 - 2.15 | IPRC/17/144 | 055 | W A P J Premaratne | Assessments of drinking water quality and water treatment process in Kalatuwawa reservoir in Sri Lanka |
| | 2.15 - 2.30 | IPRC/17/94 | 048 | KARK Kodituwakku | Effect of selected aquatic macrophytes in controlling some human enteric pathogens of sewage sludge collected from common waste water treatment plant at Biyagama EPZ. |
| | 2.30 - 2.45 | IPRC/17/116 | 052 | W A P J Premaratne | Assessment of Physicochemical Parameters of Water in Cooling Towers and Boilers: Testing and Comparisons |
| | 2.45 - 3.00 | IPRC/17/158 | 057 | W A P J Premaratne | Analysis of water and sediment in Attanagalu Oya in Sri Lanka: Pollution levels and effects |

DAY-01/MO/01/K2-110 (10:45-12:15)

Board Room No: - K2 - 110

Humanities - I

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|--|-------------|-------------|---------|-------------------------------|---|
| Session Chair – Prof U R Hewavithanagamage Dr. Anurin Indika Divakara | 10.45-11.00 | IPRC/17/13 | 069 | Ridma Lansakara | An analytical study of the theory of ‘The Survival of The Fittest’ depicted in the short story khaccar or admi: (Mule and The Man) by Yashpal. |
| | 11.00-11.15 | IPRC/17/41 | 075 | Singappulige Rashikala Lasika | වෙනිසන් පෙරේරාගේ නවකතා කෙරෙහි මායා යථාර්ථවාදයේ බලපෑම |
| | 11.15-11.30 | IPRC/17/60 | 078 | Hasara Hirimuthugoda | Practicality of Interpretation Practices to Enhance the Skills of Undergraduates who Learn Hindi in Sri Lanka |
| | 11.30-11.45 | IPRC/17/126 | 086 | Dineka Ranasinghe | An Analytical Study on the Reasonability of Economic Stimulation of the Human Beings to overcome Sustainable Development Challenges depicted in Hindi Novel ‘Godan’ |
| | 11.45-12.00 | IPRC/17/127 | 087 | Udeshika Perera | An Analytical Study on Applicability of the Sustainable Development Goals depicted in the Hindi Short-story ‘Raani Maa Ka Chaboothara’ |
| | 12.00-12.15 | IPRC/17/71 | 081 | Nipuna Basnayaka | නිරසාර සංවර්ධනයෙහි ලා සිනමා හීනයේ උපයෝගීතාව |

DAY-01/MO/01-1 /K14 - 001 (10:45-11:45)

Room No: - K14 - 001

Humanities - 01-1

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|---|-------------|-------------|---------|-----------------------|--|
| Session Chair Dr Prabha Manurathna Dr. Kaushalya Perera | 10.45-11.00 | IPRC/17/39 | 097 | Buddhima Keerthiwansa | Empowerment and Disempowerment: Sri Lankan English and British English. Attitudes of the Speakers of English as a second Language in Sri Lanka regarding their English accent |
| | 11.00-11.15 | IPRC/17/17 | 070 | Nipuni Weerakkody | Student Academic Performance: The Role of Motivation, Strategies, and Perceived Factors Hindering Students of Vocational Training and Education at Tertiary Level in Sri Lanka |
| | 11.15-11.30 | IPRC/17/52 | 091 | Salinda Bandara | Visual Arts for Sustainable Development: An analysis of the potentiality of Visual Arts in contributing towards the Sustainable Development. |
| | 11.30-11.45 | IPRC/17/07 | 094 | N.U. Ranaweera | A Study on Superstition on Black Magic among People in Sri Lanka |

DAY-01/EV/02/K2-110 (01:30-02:30)

Board Room No: - K2-110

Humanities - 2

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|---------------------------|-----------|-------------|---------|--------------------------|--|
| Session Chair | 1.30-1.15 | IPRC/17/24 | 071 | Lakmali Harshika | සියදිවි නසාගැනීම වැළැක්වීම සඳහා බෞද්ධ ප්‍රවේශයක් |
| | 1.15-1.30 | IPRC/17/25 | 095 | Lakmali Harshika | බෞද්ධ සමීකරණ සංකල්පය පිළිබඳ විමර්ශනාත්මක අධ්‍යයනයක් |
| Ven Dr Deniyaye Pannaloka | 1.30-1.45 | IPRC/17/34 | 073 | Dilshan Rajapaksha | දෘෂ්ටි විචාරය පිළිබඳ බෞද්ධ ඥාන විභාගීම්‍ය විග්‍රහය අධ්‍යයනයක් |
| Dr A S Kaluarachchi | 1.45-2.00 | IPRC/17/56 | 077 | Ven. Lelwala Ariyadhamma | මහාසමයසූත්‍රයේ ගාන්ධර්ව දේව නාමවල විවිධතා සහ ව්‍යාකූලතා: අවස්ථා හා සමයාන්තර මූලාශ්‍රය ඇසුරින් සිදුවන ශාස්ත්‍රීය අධ්‍යයනයක් |
| | 2.00-2.15 | IPRC/17/61 | 098 | Ven. Sobitha Karapikkada | පුද්ගල කායික සංවර්ධනය” බෞද්ධ හා මනෝවිද්‍යාත්මක ආකල්ප පිළිබඳ තුලනාත්මක අධ්‍යයනයක් |
| | 2.15-2.30 | IPRC/17/32 | 072 | Rev. K. Sumanasara | The Teachings on Abortion in Buddhism and their Relationship to the Doctrines of Medical Science (MS) |

DAY-01/EV/02-1/K14-001 (01:30-03:00)

Room No: - K14-001

Humanities - 2-1

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|--|-------------|-------------|---------|---------------------------|--|
| Session Chair Ven. Prof. Nedalagamuwe Dhammadinna Mr Hasitha Pathirana | 1.30- 1.45 | IPRC/17/95 | 092 | Hemliya Danansooriya | Syntactic difficulties encountered by Sinhala native speakers in learning German as a Foreign Language |
| | 1.45 - 2.00 | IPRC/17/148 | 093 | Sugitha Srikantharajah | Past tense errors of undergraduates in learning Tamil as a second Language: A case study |
| | 2.00 - 2.15 | IPRC/17/81 | 082 | Nimasha Dilshani | The Impact of L1 on L2 Writing Style |
| | 2.15 - 2.30 | IPRC/17/50 | 076 | Neetha Senevirathna | A Comparative Study of Indefinite Pronouns in Hindi and Sinhala Noun Phrases |
| | 2.30 - 2.45 | IPRC/17/90 | 101 | Malathy Bakeerathan | The effects of task based techniques on the development of oral competency in low proficient learners |
| | 2.45 - 3.00 | IPRC/17/105 | 085 | Pubudini Pathirana | Role of Internal Factors in Learning English as a Second Language Classroom of Undergraduates |

DAY-01/EV/03/K2-110 - (03:30-05:00)

Board Room No: - K2-110

Humanities - 03

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|---|-------------|-------------|---------|--------------------------|---|
| Session Chair Dr Prashanthi Narangoda | 3.30 -3.45 | IPRC/17/84 | 083 | Hasari Bulathsinhala | Voice education of vocal students: an investigation in to the knowledge of voice and vocal health |
| | 3.45-4.00 | IPRC/17/164 | 089 | Asitha Amarakoon | Sri Lankan commercial artists of the pre-digital era: A case Study of the History of graphic design in Sri Lanka. |
| | 4.00- 4.15 | IPRC/17/38 | 074 | Chandana Ruwan Kumara | Sri Lanka's Music in Sigiri Graffiti |
| | 4.15- 4.30 | IPRC/17/138 | 090 | Nipuna Basnayaka | Role of the Cinematographer in Sustainable Development |
| | 4.30 - 4.45 | IPRC/17/163 | 102 | Chamika Peduruhewa | Lack of knowledge in understanding Color: A Case Study based on University Students |
| | 4.45 - 5.00 | IPRC/17/82 | 099 | Jayamal de Silva | Quality of Machine Translation and the Role of Post-Editing |

DAY-01/EV/03-1/K14 - 001 (3:30-5:00)

Room No: - K14 -001

Humanities - 03-1

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|---|-------------|-------------|---------|---------------------|--|
| Session Chair Prof. Shirleylal Wijesinghe Dr. PN Liyanage | 3.30-3.45 | IPRC/17/31 | 096 | Rev. Sumanasara | A Study on the Human Embryology as depicted in the Yogācāra School |
| | 3.45-4.00 | IPRC/17/86 | 100 | N.W.B.A.L. Udayanga | Efficacy of “Shodasa Gruha Prabeda” and “Pasalos Vadarum Gruha Pada” Theories in reflecting the Physical, Mental, Economic and Social Wellbeing of Residents |
| | 4.00- 4.15 | IPRC/17/175 | 103 | Piumi Disanayaka | තාන්ත්‍රික ‘මුදු’ තුළින් නිරූපිත අර්ථ විග්‍රහයන් පිළිබඳ අධ්‍යයනයක්. |
| | 4.15- 4.30 | IPRC/17/63 | 079 | Iresha Nilukani | The Evolution of the Theological Vision in Sinhala Catholic Poetry |
| | 4.30 - 4.45 | IPRC/17/64 | 080 | P.K. Romesh Nonis | The Relationship between the Church and the State: A Study based on the French Revolution. |
| | 4.45 - 5.00 | IPRC/17/87 | 084 | Krishani Perera | නිරසර සංවර්ධනය හා සමාජ විශ්වලේඛන - අපර දෙවන වනිකාන සමාජ විශ්වලේඛන ඇසුරෙන් විමර්ශනාත්මක අධ්‍යයනයක් |

DAY-01/MO/01/K3 - 202 (10:45-12:45)

Board Room No: - K3 -202

Social Sciences - 01

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|---|-------------|-------------|---------|-----------------------|---|
| Session Chair - Dr. W.M. Semasinghe Dr. M.G Kularathna & Dr. Anulawathi Manike | 10.45-11.00 | IPRC/17/02 | 107 | Ibrahim Baba | The Factors Affected for the Deteriorating Livelihood Condition of Internally Displaced Persons (IDPs) in North East Region of Nigeria (A Study of three Selected IDP Camps in Maiduguri) |
| | 11.00-11.15 | IPRC/17/05 | 108 | Hashan Wijesinghe | Sustainable Development and Sri Lankan Youth |
| | 11.15-11.30 | IPRC/17/09 | 144 | Neel Withanage | The Variations of Spatial Distribution of the Schools in Colombo District: A GIS Based Approach |
| | 11.30-11.45 | IPRC/17/92 | 134 | Nirmani Liyanage | Sustainability vs Asian urbanization: Lessons through space making at Pola in Sri Lanka |
| | 11.45-12.00 | IPRC/17/08 | 143 | Indrachapa Gunasekara | A proposal for Sustainable Community Development through a Culinary Trail |
| | 12.00-12.15 | IPRC/17/55 | 137 | Rev.Ampe Wimaladhamma | පාසල් සංස්කෘතියේ දුර්වලතා නවයොවනයින්ට මන්ද්‍රව්‍ය භාවිතයට මග හෙළිකරන ආකාරය පිළිබඳ අධ්‍යයනයක් |
| | 12.15-12.30 | IPRC/17/77 | 140 | Nayana Suraweera | Influence of Selfie on enhance adolescents' self-Image (With special reference to GCE (A/L) students who participated to the private classes in Mawanella area) |
| | 12.30-12.45 | IPRC/17/89 | 139 | Tharaka Ananda | Rites of Passages among Meemure Inhabitants Living in Kandy District Sri Lanka |

DAY-01/MO/01-1 /K27-303/2 (10:45-12:30)**Room No: - K27 -303/2****Social Sciences - 01-1**

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|---|-------------|-------------|---------|----------------------------------|---|
| Session Chair Prof.A.W.K.W . Subasinghe Prof. T.M.D. Subasini Dr. L.D.S. Witharana | 10.45-11.00 | IPRC/17/06 | 135 | Baskaran Niththijanantham | Female migration and its practice among the Muslim community: With special reference to the Trincomalee District. |
| | 11.00-11.15 | IPRC/17/46 | 132 | Janani Peiris | A Study Based on Livelihood Aspects of Conflict Affected Women |
| | 11.15-11.30 | IPRC/17/49 | 113 | Chathurika Sandamali | The Problem of Irrigation Water Supply for Paddy Lands (The Case of Right Canal Zone of Huruluwewa Scheme |
| | 11.30-11.45 | IPRC/17/68 | 138 | Dinithi Amarasiri | A study on social and economic impacts of the migrated of domestic workers on their Families and children left behind |
| | 11.45-12.00 | IPRC/17/96 | 131 | Apeksha Embuldeniya | Factors effect on the customer perspective towards the usage of online banking in Sri Lanka |
| | 12.00-12.15 | IPRC/17/103 | 118 | Asanka Senadeera | Sustainability and intersectionality: Review of National Environment policy of Sri Lanka in the light of the Charter of the Global Greens |
| | 12.15-12.30 | IPRC/17/114 | 124 | Dulanja Ruwan | Appraising The Fine Motor Skill Advancement in Nurseries. Special Reference to Gampaha Divisional Secretariat, Sri Lanka |

DAY-01/MO/01-2 /K27-303/1 (10:45-11:45)

Room No: - K27 -303/1

Social Sciences - 01-2

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|--|-------------|-------------|---------|--------------------------------|---|
| Session Chair - Dr. KMML Gunaratne | 10.45-11.00 | IPRC/17/128 | 136 | Aruna Sampath Somarathna | Health rights of estate labour within the Health Policy of Sri Lanka (Research study conducted in relation to Madampe Estate). |
| | 11.00-11.15 | IPRC/17/154 | 141 | Chesika Kanchana | The Impact of infrastructure development on urban poverty reduction |
| Dr. GM Henegedara | 11.15-11.30 | IPRC/17/165 | 147 | Wasana Kalansooriya | Dengue: The Cost Of Illness |
| | 11.30-11.45 | IPRC/17/169 | 122 | Anuradha Gamage | A Statistical Review about Teaching Statistics at University level and the job availability for the graduates with degree in Statistics. Study is based on Sri Lanka. |

DAY-01/MO/01-3 /K27-302/2 (10:45-12:15)

Room No: - K27 -302/2

Social Sciences - 01-3

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|---|-------------|-------------|---------|---------------------------------|--|
| Session Chair - Prof. Mapa Thilakarathna Mr. Aruna Lokuliyana Mr. Wijayananda Rupasinghe | 10.45-11.00 | IPRC/17/110 | 123 | Madhawa Jayasinghe | රාවය කාටුන්තුලින් පිළිබිඹුවන ප්‍රකාශන හා මධ්‍ය නිදහස |
| | 11.00-11.15 | IPRC/17/118 | 146 | Ayesh Wijayasinghe | Depiction of Gender Discrimination through Cinema: Related to Prasanna Vitanage's Cinematic Approach of the film "Anantha Rathriya" |
| | 11.15-11.30 | IPRC/17/66 | 115 | Sandesha Perera | The Role of the United Nations & Major Powers in Recognition of Kosovo |
| | 11.30-11.45 | IPRC/17/67 | 116 | Niluka Priyadarshani | New Trends in Women's Political Participation In the Middle East (Special Reference to Egypt) |
| | 11.45-12.00 | IPRC/17/113 | 130 | Navodi Udayangani | The Global Politics of Sustainable Development: An Analysis of Political Challenges to Sustainable Development |
| | 12.00-12.15 | IPRC/17/123 | 119 | Savithri Fernando | Using International norms to understand the Responsibility to Protect and Humanitarian Intervention: case studies from Kenya and Libya |

DAY-01/EV/01/K3-202 (01:30-03:00)

Board Room No: - K3-202

Social Sciences - 01

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|--|-------------|-------------|---------|-----------------------------|--|
| Session Chair - Dr. K.A.T. Daraneetha Prof. Gamini Hapuarachchi Rev.Kubukandana Revatha Thero | 1.30- 1.45 | IPRC/17/15 | 128 | Bhagya Ariyaratne | Correlates of Employees' Psychological Contract Fulfillment: A Proposed Study Model |
| | 1.45 - 2.00 | IPRC/17/40 | 147 | Nathalia Fernando | Psychosocial Factors Affecting on Educational Performance of School Students in Sri Lanka (With Reference to Gampaha District) |
| | 2.00 - 2.15 | IPRC/17/51 | 114 | Lalindra Wijeyeratne | මධ්‍යකාලීන යුගයේ දාර්ශනික පසුබිම |
| | 2.15 - 2.30 | IPRC/17/125 | 125 | Anuradha Dissanayake | A comparative study on Anger Management in Buddhism and Western perspective. |
| | 2.30 - 2.45 | IPRC/17/149 | 127 | Wasana Fernando | පිලිකා රෝගීන්ගේ මානසික සුවතාවය සඳහා සංගීත ප්‍රතිකාරය භාවිතය |
| | 2.45 - 3.00 | IPRC/17/155 | 121 | Iresha Jayapala | The philosophy of the importance of using the concept of education in today's primary education in Rousseau's 'Emil' |

DAY-01/EV/01-1/K27-303/2 (01:30-02:45)

Room No: - K27-303/2

Social Sciences - 01-1

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|--|-------------|-------------|---------|-------------------------|--|
| Session Chair - Ms D K Manathunga Dr. J.M. Sudarmawathi | 1.30- 1.45 | IPRC/17/44 | 110 | Jeewanthi Harshani | අනුරාධපුර යුගයේ රාජ්‍ය පාලන කටයුතු කෙරෙහි රාජකීය කාන්තාවගේ දායකත්වයේ ස්වරූපය පොළොන්නරු යුගය වන විටදී කෙබඳුවේද ? (ප්‍රාථමික මූලාශ්‍රය ඇසුරින් කෙරෙන අධ්‍යයනයකි) |
| | 1.45 - 2.00 | IPRC/17/45 | 111 | Prarthana Karunarathna | පැරණි ශ්‍රී ලංකාවේ පැවති දේපළ අයිතිවාසිකම් පිළිබඳ විමර්ශනයක්. (ක්‍රි. පූ. 3 වන සියවසේ සිට ක්‍රි. ව. 13 වන සියවස දක්වා ශිලාලේඛන ඇසුරින්) |
| | 2.00 - 2.15 | IPRC/17/62 | 148 | Jayapala Sudharmawathie | මධ්‍යකාලීන ශ්‍රී ලංකාවේ පොල් වගාව |
| | 2.15 - 2.30 | IPRC/17/78 | 117 | Nideka Nanayakkara | Historical Novels as a source in constructing history of Sri Lanka |
| | 2.30 - 2.45 | IPRC/17/156 | 088 | Kithmi Perera | ක්‍රි. ව. දහවන සියවසේ ලක්දිව සෙල්ලිපිවලින් හඳුනාගත හැකි තීරසර සංවර්ධන ත්‍රිකෝණය. |

DAY-01/EV/01-2 /K27-303/1 (01:30-03:30)

Room No: - K27-303/1

Social Sciences - 01-2

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|--|-------------|-------------|---------|-------------------------|--|
| Session Chair - Prof. WA Weerasuriya | 2.45 -3.00 | IPRC/17/47 | 112 | Lesha Dilhara | අනුරාධපුර යුගයේ පැවැති සාම්ප්‍රදායික සංරක්ෂණ ක්‍රමවේද |
| | 3.00- 3.15 | IPRC/17/130 | 120 | Dilushi Kodithuwakku | Identify the Travel Destination Attributes that Attract International Tourists to Visit Galle Tourism Zone |
| Ms. N. Hewawasam | 3.00 - 3.15 | IPRC/17/14 | 109 | Dulanjaya Dayananda | User Delinquency in Law College Library, Sri Lanka: perception of the Students. |
| Dr. JM Sudharmawathi | 3.15 - 3.30 | IPRC/17/184 | 142 | Chandana Abayarathna | Indigenous knowledge of medical depicted in Palm Leaf Manuscripts in Sri Lanka |

Poster Presentations

| Moderator | Time | Abstract ID | Page No | Presenter | Title |
|-------------------------|------|-------------|----------------|------------------------------|---|
| Dr I.V.N Rathnayaka | | IPRC/17/58 | 032 | Yasith Mathangasinghe | Knowledge and practices towards prevention of Dengue Fever in a cohort of Advanced Level students |
| | | IPRC/17/161 | 040 | Shirom Rajeev Siriwardana | Incidental extra spinal findings in MRI spine: Beyond the focus |
| Dr Anura Dissanayaka | | IPRC/17/137 | Poster Only | Thilini Rupasinghe | The Initial Study on the Effect of Question Surface Features on Students' responses |
| | | IPRC/17/85 | 043 | Achini Kendawala | Hand washing practice among intern doctors during working hours at Colombo North Teaching Hospital (CNTH) - Ragama. |