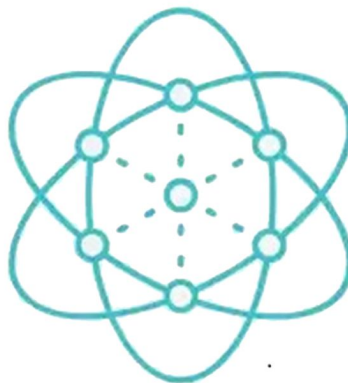




Insight Institute of Management and Technology Sri Lanka



IIRC2024

Insight International Research conference 2024 (IIRC2024)

Application of Technology in Sustainable Development

Date:
21st January 2024

Venue:
Virtual



www.insightedu.lk/conference/iirc2024

About the Institute

Insight Institute of Management and Technology is a not-for-profit educational institution registered as a guaranteed company in Sri Lanka under the Companies Act of 2007. The Institute is managed by a Council of Management consisting of academics, businessmen and professionals.

Insight has established campuses in Mawanella, Puttalam and Colombo. All its campuses are registered with the Tertiary and Vocational Education Commission (TVEC), Sri Lanka, and majority of the courses offered by them are accredited by the same.

The Institute plans to offer degree programmes in Information and Communication Technology (ICT) in collaboration with reputed overseas universities. The Institute currently offers Diploma and Certificate level courses in Computer Studies, Automobile Technology, Building Services Technology, Business Management, Early Childhood Education, and other subjects.

About the Conference

In our increasingly interconnected and digital world, technology, especially information communication technology (ICT), has become indispensable tools for shaping the course of economic development. This conference aims to provide a platform for experts, scholars, and practitioners from diverse fields to converge and deliberate on the transformative potential of technology in fostering sustainable development globally. By exploring innovative applications, discussing policy implications, and sharing success stories, this conference seeks to not only showcase the pivotal role of technology in driving progress but also to identify opportunities for collaboration and knowledge exchange that can propel our nations towards a brighter and more digitally empowered future.

The 2030 Agenda for Sustainable Development, adopted by all United Nations Member States in 2015, provides a shared blueprint for peace and prosperity for people and the planet. At its heart are the 17 Sustainable Development Goals (SDGs), which are an urgent call for action by all countries - developed and developing - in a global partnership (sdgs.un.org/goals). As the world navigates complex challenges and opportunities, harnessing the power of technology is paramount in achieving inclusive, prosperous and sustainable development, making this conference an invaluable forum for advancing collective understanding and action in this crucial domain.

In this backdrop, Insight Institute of Management and Technology considers hosting a Research Conference - Insight International Research Conference 2024 (IIRC2024) - on "Application of Technology in Sustainable Development" a timely and imperative endeavour.

The Conference will be fully online where guests and participants will interact virtually in a Zoom platform. Conference language will be English.

Conference registration and participation is free with timely registration.



Keynote Speakers



Dr. Nicholas Dias Ph.D, DBA
Senior Vice President
TSFC Securities Public Company Limited
Thailand



Dr. Manodha Gamage Ph.D
Founder and MD
Intelligent Solutions & Consultancy (Pvt) Ltd.
Sri Lanka



Dr. James Riordan Ph.D
Reader (Associate Professor) in
Robotics & Autonomous Vehicles.
University of the West of Scotland
United Kingdom

Objectives of the Conference

1. To facilitate the exchange of cutting-edge research, best practices, and innovative ideas among researchers, scholars, and industry experts in the field of technology in general, and ICT in particular, for sustainable development as defined by the United Nations SDGs.
2. To create a platform for participants to critically examine and discuss the role of technology in addressing practical solutions and policy recommendations.
3. To encourage the establishment of collaborative networks and partnerships among researchers, institutions, and industry stakeholders to promote technology-driven solutions that contribute to sustainable development goals.



Insight Institute of Management and Technology, Sri Lanka

IIRC 2024

Insight International Research Conference



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Conference Tracks

Technology in Sustainable Development

01. Energy-efficient Technology
02. Renewable Energy Technology
03. Clean Production and Manufacturing Technology
04. Healthcare and Medical Technology
05. Waste Reduction and Management Technology
06. Application of Electrification in Transport and Industry
07. Application of Smart Technologies in Teaching and Learning
08. Vocational Technology
09. Applications of Biosystems Technology
10. Technology for Various UN Sustainable Development Goals
11. Food Science and Technology
12. Technology Applications in Agriculture
13. Technology for E-governance
14. Technology in Disaster Management
15. Mechatronics Technology
16. Construction Technology
17. Material Science and Technology
18. Other Applications of Engineering Technology

Information and Communication Technology in Sustainable Development

01. Computer Engineering
02. ICT in Sustainable Development
03. Applications of GIS and Remote Sensing
04. Modelling and Simulation
05. IoT and Industry 4.0
06. Fintech & Blockchain
07. Software Development and Applications
08. Data Sciences
09. Artificial Intelligence and Machine Learning
10. Cyber Security
11. ICT Applications in Health Care Sciences
12. ICT Applications in Business and Financial Management
13. Other Related Applications of ICT

Conference Participation

We request you to submit an abstract of your contribution and participate in the Conference. Your abstract will be published in the IIRC2024 Conference Proceedings which will be disseminated as an e-publication with an ISSN number. All contributions will be subjected to blind review and considered on merit for inclusion in the Conference.

Abstracts must not exceed 400 words, outlining the research concept, focus, process and outcomes. Visit:

www.insightedu.lk/conference/iirc2024



- To submit abstract,
- To download declaration form and template for abstract and
- To upload your abstract and presentation.

You may also send your abstract by email to: secretary-iirc2024@insightedu.lk

Registration opens on 30th September 2023 with a final deadline for submission of abstracts on 31st October 2023 at 23:59 hours (GMT 18:29)

Following scrutiny of abstracts by the Conference Committee, contributions suitable for presentation at the Conference will be identified, and contributors notified of the next steps to complete Conference registration and participation.

Awards

All presenters in the conference will be awarded certificate of Participation (e-Certificate). The best presenter in each session will be awarded The Best Presenter Award (Printed Certificate).

Guidelines for Submission of Abstracts

- Abstract must be submitted in MS Word format.
- Abstract should not exceed 400 words
- The plagiarism report and declaration must be attached as an appendix to the submission.
- The cover page of the abstract must contain the Title of the Paper, Author's Name, Affiliation (your institution) and Email Address.
- The abstract should be typed in Font Style - Calibri, Font Size - 11, Line Spacing - 1.5
- Abstracts are accepted on the basis that they have not been previously published and are not under consideration for publication elsewhere.

Review Process

All papers will be evaluated through Blind Review Process

KEY DATES

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|--|------------------------------------|
| Registration Start Date: | 30 th of September 2023 |
| Last Date for Submission of Abstract: | 31 st of October 2023 |
| Notification of Acceptance of Abstract: | 25 th of November 2023 |
| Final Date for Submission of Presentation: | 31 st of December 2023 |

Conference Chair

Dr. Althaf Mohideen Ph.D

Lecturer, School of Computing, Engineering and Physical Sciences
University of the West of Scotland
United Kingdom

Conference Committee

1. Prof. M. Razi Nalim, P.E., Ph.D

Executive Associate Dean for Research & Global Initiatives
Professor of Mechanical & Energy Engineering
School of Engineering & Technology
Purdue University in Indianapolis, USA.

2. Dr. V. Sivaraman Ph.D

Deen (R & D)
Indra Ganesan College of Engineering
Tiruchirappalli, India.

3. Dr. Muneeb M. Musthafa Ph.D

Head, Department of Bio System Technology
Faculty of Technology
South Eastern University of Sri Lanka.

4. Prof. Ruvan Abeysekara Ph.D

Professor of Computer Science
ESOFT Metro Campus
Sri Lanka.

5. Dr. Kumar K. Ph.D

Associate Professor
Department of Software Systems
Institute for Industry and International Programmes
Vellore Institute of Technology, Vellore 632014, India.

6. Dr. G. Nishanthan Ph.D

Lecturer
Faculty of Technology
South Eastern University of Sri Lanka.

7. Dr. A. R. Nihmiya Ph.D

Senior Lecturer
Faculty of Technology
University of Sri Jayawardanapura
Sri Lanka.

Conference Secretary:

Mr. Shimark Thajudeen

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