



International Conference on **EMERGING TECHNOLOGIES FOR SUSTAINABILITY**

"Emerging Technologies for Sustainable Business Development, Innovation,
Environmental Protection, Engineering Education & the SDGs"

(ICETS 2027)

29th & 30th January 2027 (Friday and Saturday)

Hybrid Mode

Organisers

Indira University, Pune

Confab 360 Degree, India

Rushford Business School, Switzerland

INTI International University, Malaysia

Venue- School of Information and Technology,
Indira University, Pune

www.confab360degree.com/ICETS

CONFERENCE INTRODUCTION

The rapid advancement of emerging technologies is transforming the way societies address global challenges related to energy, environment, infrastructure, education, and sustainable development. At the same time, climate change, resource depletion, environmental degradation, biodiversity loss, energy insecurity, and increasing demand for sustainable infrastructure require innovative, interdisciplinary, and technology-driven solutions.

The International Conference on Emerging Technologies for Sustainable Development, Renewable Energy, Environmental Protection, Engineering Education & the SDGs provides an international platform for researchers, academicians, engineers, educators, industry professionals, policymakers, entrepreneurs, and students to exchange knowledge, present innovative research, and explore collaborative approaches toward a sustainable future.

The conference focuses particularly on the convergence of **emerging technologies, renewable and clean energy, environmental protection, engineering and technical education, and the United Nations Sustainable Development Goals (SDGs)**. SDG 7 specifically calls for affordable, reliable, sustainable and modern energy for all, including substantially increasing the share of renewable energy and improving energy efficiency.

The conference recognizes that technology alone cannot achieve sustainable development. Sustainable solutions require interdisciplinary research, responsible engineering, appropriate education and skills, environmental stewardship, innovation, policy support, and strong partnerships. UNESCO similarly emphasizes the important role of engineering in addressing challenges such as clean energy, resilient infrastructure, environmental sustainability, and the SDGs.

The conference therefore seeks to create a collaborative forum where **research, innovation, education, industry, and policy** can come together to develop practical and scalable solutions for a resilient, inclusive, low-carbon, and environmentally responsible future.



CONFERENCE SCOPE

The conference welcomes **original research papers, review papers, case studies, technological innovations, experimental studies, educational practices, and interdisciplinary research** related to emerging technologies and their applications in sustainable development.

The scope broadly encompasses:

- Emerging and disruptive technologies for sustainable development
- Renewable and clean energy technologies
- Energy transition and decarbonization
- Energy efficiency and conservation
- Environmental protection and pollution control
- Climate change mitigation and adaptation
- Sustainable engineering and green technologies
- Smart cities and sustainable infrastructure
- Artificial intelligence, IoT, robotics and data analytics for sustainability
- Circular economy and sustainable manufacturing
- Waste management and resource recovery
- Sustainable water and wastewater management
- Sustainable transportation and electric mobility
- Green buildings and energy-efficient infrastructure
- Sustainable agriculture and climate-smart technologies
- Environmental monitoring and ecosystem protection
- Engineering education for sustainable development
- STEM education and sustainability competencies
- Innovation, entrepreneurship and technology transfer
- Policy, governance, financing and implementation of SDGs
- Industry-academia collaboration
- Community-based and inclusive approaches to sustainable development

The conference particularly encourages multidisciplinary and interdisciplinary contributions that demonstrate how technology and engineering can contribute to multiple SDGs simultaneously.

PROPOSED CONFERENCE TRACKS

The conference tracks are mentioned below, but paper submissions is not limited to these tracks:

1. Emerging Technologies for Sustainable Development

- AI, ML, IoT, robotics, Big Data, digital twins, Industry 4.0/5.0
- Emerging materials and disruptive technologies
- Digital technologies for the SDGs

2. Renewable Energy & Clean Energy Technologies

- Solar, wind, biomass, hydrogen, fuel cells
- Energy storage, smart grids and microgrids
- Renewable-energy integration

3. Environmental Protection, Climate Change & Sustainability

- Pollution prevention and control
- Climate change mitigation and adaptation
- Biodiversity and ecosystem protection
- Environmental monitoring and assessment

4. Circular Economy, Waste Management & Sustainable Manufacturing

- Circular economy and resource efficiency
- Waste-to-energy and recycling
- E-waste and plastic-waste management
- Green manufacturing and eco-design

5. Technology-Enhanced Learning for International Students

- AI and digital technologies in international education
- Digital learning experiences of international students
- Online/hybrid education across borders
- Digital inclusion and technology access
- Generative AI and international student learning

6. Engineering Education, STEM & Education for Sustainable Development

- Sustainability in engineering curricula
- STEM/STEAM education
- Renewable-energy and green-engineering education
- Digital and AI-enabled education

PROPOSED CONFERENCE TRACKS

7. Sustainable Management & Innovation

- Sustainable business models and strategies
- Innovation management and technology management
- Green entrepreneurship and startups
- Sustainable supply-chain management
- ESG and responsible business
- Corporate sustainability and social responsibility

8. SDGs, Policy, Governance & Sustainable Futures

- SDG implementation and monitoring
- Sustainability policy and governance
- Green finance and public policy
- Inclusive and equitable development
- Partnerships for sustainable development

9. Artificial Intelligence and Machine Learning for Cybersecurity

- AI-Driven Cyber Threat Detection and Prevention
- AI-Enabled Cloud Security and IoT Threat Detection
- AI-Driven Fraud Detection and Financial Cybersecurity
- Ethical AI, Data Privacy, and Responsible Cybersecurity Practices
- Quantum Computing, AI, and Next-Generation Cybersecurity
- AI for Securing Critical Infrastructure and Smart Cities
- AI-Driven Cybersecurity for Sustainable Digital Transformation
- Emerging AI Technologies for Cybersecurity Education and Skills Development



KEYNOTE SPEAKER (S)



Prof. (Dr.) Leo Paul Dana,
Dalhousie University, Canada



Prof. Asokan Vasudevan,
INTI International University, Malaysia

CONFERENCE CHAIR:

- Dr. Michael Auer, CTI, Germany
- Dr. Anuj Kumar, Rushford Business School, Switzerland
- Dr. Fernando Ortiz-Rodríguez, Universidad Autonoma de Tamaulipas, Mexico
- Dr. Deepali Chaudhari, Indira University, Pune

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- Dr. Nishu Ayedee, Founder and CEO, Confab 360 Degree and MentorEDGE
- Dr. Tufail Syed, President and Founder, Rushford Business School, Switzerland
- Dr. Khang Wen Goh, Pro Vice Chancellor, INTI International University, Malaysia

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- Dr. Punam Bhoyar, Pro Vice Chancellor, Indira University
- Dr. Janardan Pawar, Pro Vice Chancellor (Administration), Indira University & Dean - School of Information Technology, Indira University

CONVENER:

- Dr. Divya Chitre, Indira University, Pune
- Dr. Jyoti Jadhav, Indira University Pune

CO-CONVENER:

- Mrs. Shilpa Pawale, Indira University
- Mrs. Monali Chaudhari, Indira University

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- Prof. (Dr.) Tareq Hashem, Applied Science University, Jordan
- Dr. Aryan Chaudhary, Thematic Working Group Member – Policy, Governance & Financing, World Health Organization, Denmark
- Dr. Sunitha Prabhuram, Manipal Academy of Higher Education, Dubai Campus, UAE
- Dr. Shad Ahmad Khan, American University of Phnom Penh, Cambodia
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- Dr. Abdullah M. Khataan, Arab Academy for Science, Technology and Maritime Transport, Egypt
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- Dr. Nikita Jain, Poornima College of Engineering, Jaipur, India

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- Dr. Shreyas J., Manipal Institute of Technology, MAHE, Karnataka, India
- Dr. Sonal Trivedi, Manav Rachna University, Faridabad, Haryana, India



IMPORTANT DATES:

- Full Paper/poster Submission
- Decision on Full Paper
- Revised Paper Submission

30th November 2026

25th December 2026

10th January 2027

NOTE: IN-CASE YOU DON'T YOU FULL PAPER, YOU CAN SUBMIT AN ABSTRACT OF 500 WORDS.

SUBMISSION EMAIL:

conference@indirauniversity.edu.in

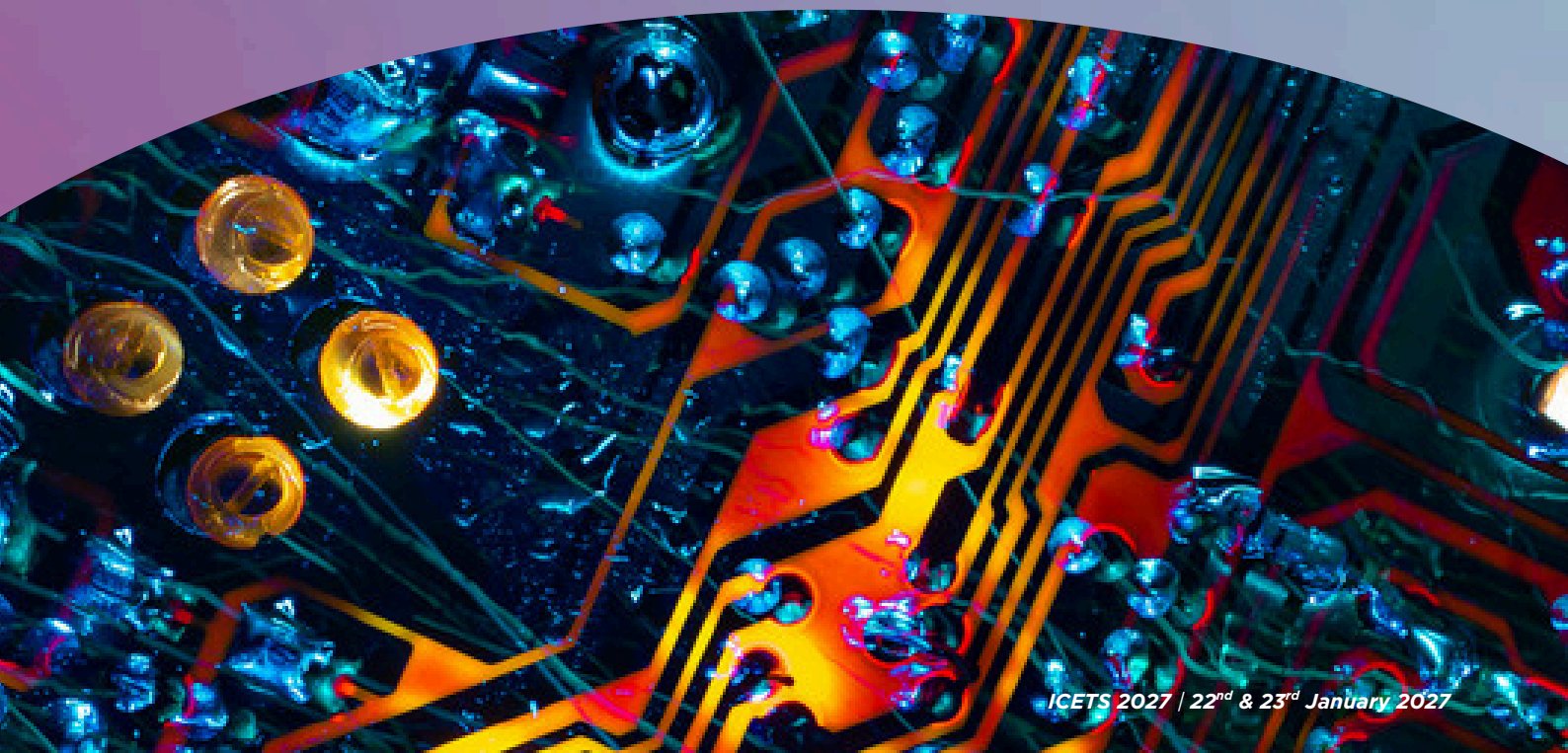
PAPER GUIDELINES:

- The word limit for the full paper is 4000-7000 words, including references.
- The word limit for the short paper will be 3000-5000 words, including references
- The plagiarism should be less than 10%, and AI should be less than 20% (Turnitin reports only)
- Please attach Turnitin reports with your paper (if possible, it will help in processing time)
- The author details should include author name, ORCID ID, email and organisation name.
- The first page of the paper should include author details, abstract and five keywords
- The font should be Times New Roman, 12-size, headings, 14-size, bold
- Please avoid more than five authors.
- The referencing style should be APA/IEEE.

REGISTRATION FEES PER AUTHOR:

Sr. No.	Participant Category	Online Participation	Offline Participation
1	Student	₹1,000	₹1,750
2	Industry	₹1,000	₹2,500
3	Research Scholar and Faculty	₹1,000	₹2,000
4	International Students	USD 50	USD 80
5	International Research Scholar and Faculty	USD 50	USD 100
6	Attendees	₹1,400	₹1,400

NOTE: THE REGISTRATION FEES DON'T INCLUDE PUBLICATION FEES



PUBLICATION OUTLETS

- Conference Proceedings – Scopus Indexed
- Edited books – Scopus indexed
- Journal of International Students
- World Journal of Science, Technology and Sustainable Development
- Journal of Interactive Mobile Technologies
- Sustainability – MDPI journal
- Journal of Engineering Education Transformation
- Prabandhan: Indian Journal of Management
- Indian Journal of Marketing
- Innovation and Emerging Technologies Journal
- Journal of Information and Optimisation Sciences
- World Journal of Entrepreneurship, Management and Sustainable Development
- Academy of Marketing Studies Journal
- Indian Journal of Environmental Protection
- Discover Sustainability

