



PRESIDENCY UNIVERSITY

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SCHOOL OF ENGINEERING

National Symposium on

Energy Management and Sustainability

NSEMAS-2024

April 27, 2024

Presidency University

Presidency University, Bengaluru, is a prestigious institution renowned for its commitment to providing quality education and holistic development to its students. Founded in 2013 by the Presidency Group of Institutions, the university has quickly emerged as a leading center for higher education in India. With a focus on innovation, research, and experiential learning, Presidency University has become a preferred destination for aspiring students seeking academic excellence and personal growth. The University takes pride in its academic programs that span diverse disciplines such as engineering, management, law, design, commerce, and media studies. The university follows a modern and industry-centric approach to education, blending theoretical knowledge with practical application. Highly qualified faculty members, with a perfect balance of academic expertise and industry experience, are instrumental in nurturing a conducive learning environment.

Symposium NSEMAS-2024

The National Symposium on Sustainability is a platform dedicated to discussing and addressing pressing issues related to sustainability across various sectors. Bringing together experts, researchers, policymakers, and practitioners, the symposium aims to facilitate dialogue, share knowledge, and explore innovative solutions to promote sustainable development.

Topics covered in the symposium include environmental conservation, renewable energy, sustainable agriculture, climate change mitigation, waste management, biodiversity conservation, and social sustainability. Through keynote speeches, panel discussions, workshops, and presentations, participants have the opportunity to exchange ideas, showcase research findings, network, and collaborate on initiatives aimed at fostering a more sustainable future. This symposium will serve as a platform for showcasing best practices, highlighting successful case studies, and identifying emerging trends in sustainability. By engaging stakeholders from academia, government, industry, and civil society, the symposium aims to catalyze collective action towards achieving sustainability goals at local, national, and global levels.

Symposium objectives:

The National Symposium on Sustainability aims to serve as a catalyst for advancing discussions, collaborations, and actions towards achieving a more sustainable future. With this overarching goal in mind, the symposium has identified five specific objectives:

- **Raise Awareness:** The symposium seeks to increase awareness and understanding of key sustainability challenges and opportunities among participants from diverse backgrounds. Through informative sessions and presentations, attendees will gain insights into pressing issues such as climate change, resource depletion, and environmental degradation.
- **Foster Collaboration:** By providing a platform for networking and dialogue, the symposium aims to facilitate collaboration and knowledge-sharing among stakeholders from academia, government, industry, and civil society. Participants will have the opportunity to forge partnerships, exchange ideas, and explore potential synergies for addressing sustainability challenges collectively.
- **Share Best Practices:** The symposium aims to showcase and disseminate best practices, innovative approaches, and

successful case studies in sustainability across various sectors. Through interactive sessions and workshops, participants will learn about effective strategies and practical solutions for promoting sustainability in their respective fields.

- **Inspire Action:** Building on the momentum generated during the symposium, the event aims to inspire attendees to take concrete actions towards advancing sustainability in their personal and professional lives. Through motivational speeches, success stories, and action-oriented discussions, participants will be encouraged to make meaningful contributions towards creating a more sustainable world.
- **Drive Policy Change:** Recognizing the importance of policy frameworks in driving sustainable development, the symposium aims to influence policymakers and decision-makers to prioritize sustainability on their agendas. By engaging in dialogue with government representatives and advocating for evidence-based policies, participants will contribute to shaping the policy landscape towards more sustainable outcomes.

Call for papers

We invite researchers, academics, practitioners, policymakers, and students to submit papers for presentation at the National Symposium on Sustainability. The symposium will provide a platform for sharing research findings, innovative ideas, and practical solutions related to sustainability across various sectors.

Papers are invited on topics including, but not limited to:

- Environmental conservation and biodiversity
- Renewable energy and clean technologies
- Sustainable agriculture and food security
- Climate change mitigation and adaptation
- Waste management and the circular economy
- Social sustainability and community development
- Sustainable urban planning and transportation
- Sustainable materials and engineering practices aligning with the SDGs
- Sustainable business practices and corporate social responsibility.

Accepted papers will be called for oral presentations during the symposium sessions. Submissions should adhere to IEEE formatting guidelines and undergo a peer-review process to ensure quality and relevance to the symposium themes.

Don't miss this opportunity to showcase your research and contribute to advancing sustainability knowledge and practice. Submit your papers now and be part of the dialogue towards building a more sustainable future.

Registration Details

No Registration Fee. But it is mandatory for one of the authors to register to present the paper in hybrid mode.

Registration Link: <https://forms.office.com/r/8cH5D84yLN>

Note: Registration form will be live from April 20, 2024.

Important Dates

Full-length paper submission (IEEE format):	April 5, 2024
Notification of acceptance:	April 10, 2024
Peer review and comments:	April 5-15, 2024
Camera-ready paper submission:	April 20, 2024
Date of Registration:	April 20-27, 2024
Conference Date:	April 27, 2024

Submission Details

Full-length papers will be accepted through EasyChair. Refer to the following link for a template of the conference paper:

<https://www.ieee.org/conferences/publishing/templates.html>

EasyChair link for submission - <https://easychair.org/conferences/?conf=nsemas2024>

Contact conveners by email for further information.

Publication

Abstracts of peer-reviewed and accepted papers will be published as Proceedings of the National Symposium on Energy Management and Sustainability – NSEMAS 2024, with ISBN.

Who should attend?

The National Symposium on Sustainability is a must-attend event for individuals and organizations committed to addressing the pressing challenges of sustainability and advancing towards a more sustainable future. Researchers, academics, practitioners, policymakers, students, and representatives from the government, industry, and civil society sectors are encouraged to participate. Whether you are actively engaged in sustainability research, policy development, implementation, or advocacy, this symposium offers a valuable platform for networking, learning, and collaboration. By attending, you will have the opportunity to gain insights from leading experts, exchange ideas with peers, showcase your work, and explore innovative solutions to pressing sustainability issues. Join us at the symposium and be part of the collective effort to drive positive change towards a more sustainable and resilient world.

Keynote Speakers:



Dr. Sudipta De

Professor
Department of Mechanical Engineering
Jadavpur University, Kolkata

Dr. K. Narayan Prabhu

Professor (HAG)
Department of Metallurgical & Materials Engineering
National Institute of Technology, Surathkal, Karnataka



Chief Patron Dr. Nissar Ahmed, Honorable Chancellor, Presidency University

Patrons
Dr. Amir Ullah Khan, Strategic Advisor, Presidency University
Dr. Anubha Singh, Vice Chancellor in Charge, Presidency University
Dr. Surendra Kumar A. M., Pro Vice-Chancellor, Presidency University
Dr. Sameena Noor Ahmed Panali, Registrar, Presidency University
Dr. Mrinmoy Biswas, Registrar, Accreditations, and Corporate Relations, Presidency University
Dr. Ramesh C. S., Professor & Dean R & I, Presidency University
Dr. K. R. Murali Mohan, Director, Incubation and Sponsored Research, Presidency University
Dr. Abdul Sharief, Dean, School of Engineering, Presidency University
Dr. Shrishail Anadinni, Professor and Associate Dean, School of Engineering, Presidency University

Technical Program Chairs:

Dr. V. Joshi Manohar, Professor and Head, Department of Electrical and Electronics Engineering
Dr. Satish Babu Boppana, Professor and Head, Department of Mechanical Engineering
Dr. Nakul Ramanna, Professor and Head, Department of Civil Engineering

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