

About the Seminar

The National Seminar on “Green Renewable Electronics for Environmental Nurturing and Sustainability” (GREENS) aims to address the urgent need for sustainable practices in electronics, amid rapid technological progress and environmental challenges. It will unite researchers, industry experts, policymakers and educators to collaborate and explore for advancements in green electronics. Key topics include Eco-Friendly Materials & Manufacturing, Energy Efficiency, Renewable Energy Integration, Lifecycle Assessment, and E-Waste Management. Additionally, it will examine policies and regulatory frameworks supporting sustainable practices and focus on incentives for Eco-Friendly Innovations. By fostering collaboration, GREENS seeks to drive the transition towards sustainable electronics, providing participants with insights into the practical steps needed to achieve environmental goals in the electronics industry. Through discussions on policies, case studies, and innovative solutions, the seminar aims to inspire actionable steps toward environmentally responsible electronics and foster collaboration for a sustainable future.

Sub - Themes

1. Sustainable Power Generation and Management
2. Energy-Efficient Electronics Design
3. Role of Microelectronics in sustainable technology
4. Role of Communication in Design Energy Efficient Electronics
5. Renewable Energy Integration and Storage Systems
6. Green Materials and Recycling in Electronics
7. Smart Grids and Micro grids
8. Use of AI/ML in Green Technology
9. AI and IoT in Energy Conservation
10. Electric Vehicles and Sustainable Transportation Systems
11. Photovoltaic and Solar Power Systems
12. Sustainable Electronics Manufacturing Processes
13. Policy, Regulation, and Education for Green Electronics
14. Green and Smart Cities

About The Institution of Engineers (India)

The Institution of Engineers (India), a premier professional body of engineers, established in 1920 and incorporated by Royal Charter in 1935, has been serving the cause of engineering science and technology for more than a hundred years. It remains the only professional body in India to be accorded this honor. It has in its fold more than 220000 professional engineers and it operates through 125 States and Local Centres across the country and six chapters abroad. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. The Institution also provides grant-in-aid to its members to conduct research and development on engineering subjects.

About The Institution of Engineers – UP State Centre (UPSC)

The UP State Centre of IEI, the oldest centre in India, held its first AGM on November 10, 1921 in Kanpur, inaugurated by Mr. AWE Stendley MLC as the first Chairman. The UP State Centre is located at State Centre Building in River Bank Colony, Lucknow. Hafiz Mohd. inaugurated it during the 38th Annual Convention of The Institution of Engineers (India). Ibrahim, Minister for Irrigation and Power, UP Government. The UP State Centre comprises 10 local centres located in Ghaziabad, Meerut, Aligarh, Agra, Bareilly, Kanpur, Allahabad, Gorakhpur, Varanasi and Anpara.

About A. P.J. Abdul Kalam Technical University

Dr. A.P.J. Abdul Kalam Technical University (AKTU) is a renowned public state university established in 2000 by the Government of Uttar Pradesh. Named in honor of India's 11th President, Dr. A.P.J. Abdul Kalam, the university is committed to fostering excellence in technical education, research, and innovation.

About Institute of Engineering and Technology, Lucknow

The Institute of Engineering and Technology (IET), Lucknow, widely recognized as the “Engineering College” in Lucknow, is one of the premier and top-ranked institution among the technical colleges affiliated with AKTU, Lucknow. The institute was formerly affiliated (1984-1999) to The University of Lucknow, currently an Autonomous Institute and recognized by AICTE. The institute is a constituent college of AKTU, Lucknow.



The Institution of Engineers (India)

A Century of Service to the Nation

All India Seminar on

“Green Renewable Electronics for Environmental Nurturing and Sustainability” (GREENS)

04 & 05 February, 2025



Organized by

The Institution of Engineers (India), U.P. State Centre

Under the aegis of

Electronics and Telecommunication Engineering
Division

In association with

Institute of Engineering & Technology, Lucknow

Venue

**Electronics and Communication Engineering
Department, I.E.T., Sitapur Road Lucknow-226021,
Uttar Pradesh, India**

Website: ietlucknow.ac.in <https://ieiup.org.in/>

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Call for Papers

All interested participants are requested to contribute technical/research papers and case studies on topic relevant to mentioned theme. Each paper should begin with an abstract of about 250 words and full-length papers not exceeding six pages as per guide lines for submission of paper mentioned in following link:

https://www.ieindia.org/webui/IEI-Activities.aspx#Call_Papers



Prof. Neelam Srivastava, Convenor, Member ET, UPSC, Lko.

E-mail ID: greens.iei.et@gmail.com

Submission of Abstract: 10 January, 2025

Communication of acceptance: 15 January, 2025

Submission of full-length paper: 26 January, 2025

Registration Fee: The registration is free for attending the seminar.

Registration fee for the authors of papers in the seminar is as follows;

- | | |
|--------------------------------|------------|
| 1. Industry Personnel | Rs. 1000/- |
| 2. Academicians | Rs. 700/- |
| 3. IEI/IEEE Members | Rs. 600/- |
| 4. Non-IEI/IEEE Student member | Rs. 500/- |
| 5. IEI/IEEE Student member | Rs. 400/- |

Note: Payment can be made through Demand Draft or in Online/UPI mode.

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REGISTRATION FORM

All India Seminar

on

“Green Renewable Electronics for
Environmental Nurturing and Sustainability”

Organized in association with
IET, Lucknow

04 & 05 February, 2025, Lucknow

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Google form link:

<https://tinyurl.com/GREENSSeminarRegistrationLink>

Note:

1. Author registration will get confirm only after payment.
2. Host institution will provide no accommodation.
3. The registration is free for attending the seminar.

Signature of the Delegate