

About the Programme

Luminescence 2025 by National Science Congress on Illumination is one of its kind where students and research fellows get a platform to exchange knowledge on topics related to Illumination and beyond. National Science Congress on Illumination is organizing an event based on the theme "Lighting for Future" which includes various events such as paper presentation, technical debates, poster presentation and many more...

The organizing committee of the Luminescence, National Science Congress on Illumination takes the pleasure of inviting you, along with your friends to attend the event at Jadavpur University, Kolkata and enrich us with your expertise and ideas.

About Indian Society of Lighting Engineers

Indian Society of Lighting Engineers (ISLE) is a professional body in the field of Illumination Engineering with a broad based membership of scientists, engineers, architects, academicians, researchers, designers and others who are interested in lighting. ISLE is affiliated to the CIE, the International Commission on Illumination. It is also a member of Lux Pacifica, a lighting body that represents 60% of the world's population. It is closely associated with the Bureau of Indian Standards, Bureau of Energy Efficiency, the Department of Science and Technology, the Ministry of Power, the Ministry of Non-Conventional Energy Sources and the Electrical Lamp and Component Manufacturers Association of India.

About Electrical Engineering Department, Jadavpur University

Jadavpur University has successfully established itself as a foremost Indian University with a vast repertoire of courses offered, and enviable list of faculty members and has come to be known for its commitment towards advanced study and research. It has been accredited by NAAC of UGC with highest Grade-A.

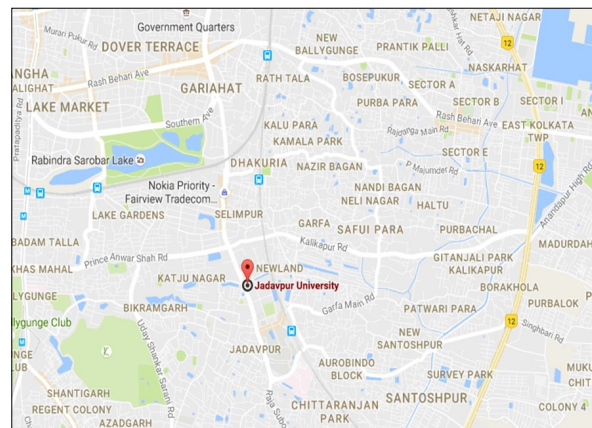
The Electrical Engineering Department of Jadavpur University has grown from strength to strength for the past 10+ decades to produce competent and successful professional engineers who can take up the challenges of the real world. Today the department is well endowed with necessary infrastructure to carry out advanced scientific research in various diversified areas of Electrical Engineering with the active, young, accomplished and talented individuals in its faculty positions. The department provides adequate opportunities for the students to learn and innovate.

LUMINESCENCE 2025

Today the prime development topic starts with the Digital India and Smart Cities. Among all other factors light plays a vital role in making or transforming cities smarter day by day. In the earlier days, the term 'Illumination' was used as a synonym of light which merely helps us to see or to illuminate a certain area. But the scenario has changed quite a lot in the recent years and now many new topics has been included along with lighting such as Human Centric Lighting, Human Factors in Lighting, IoT, Lighting and Health, Lighting Electronics, Smart Lighting, etc.

Indian Society of Lighting Engineers (ISLE), Calcutta State Centre in collaboration with Illumination Engineering Section, Electrical Engineering Department, Jadavpur University is organizing an event based on the theme "Lighting for Future". Light is indispensable for human being whether it is in the form of natural source like Sun or from artificial sources. Here the students, researchers and professionals can get a common platform to exchange ideas on different innovative applications of light which are human centric as well as environmental friendly.

Location: Jadavpur University, 188, Raja S.C. Mallick Rd, Jadavpur University Campus Area, Jadavpur, Kolkata, 700032, West Bengal.



We are looking forward to your active participation in this event at Kolkata from 6th to 7th February, 2025.

Any query may be addressed to

National Science Congress on Illumination 2025

C/O:- Illumination Engineering Laboratory,
Electrical Engineering Department,
Jadavpur University, 188, Raja S.C. Mallick Rd,
Kolkata, 700032.

e-mail: nsci.isle2023@gmail.com

Phone: Prof. Suddhasatwa Chakraborty (9830033108)



INVITATION TO
**LUMINESCENCE
2025**

NATIONAL SCIENCE
CONGRESS ON ILLUMINATION

Lighting for Future

ORGANIZED BY



indian society of lighting engineers

In collaboration with



Department of Electrical Engineering,
Jadavpur University

Technical Sponsor



Power & Energy Society®
IEEE KOLKATA SECTION

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REGISTRATION

- ⇒ The registration is to be done online through this link <https://forms.gle/CGpVGVuP4MqvUp9F7>
- ⇒ Participants who wish to take our lodging facility are requested to contact in the phone numbers provided before registration.
- ⇒ Registration fees-
ISLE Members: ₹ 500 | Non-ISLE Members: ₹ 1000
- ⇒ Conference will be of hybrid mode.
Link of the conference will be shared through mail.

VENUE

K.P. Basu Memorial Hall, Jadavpur University Campus;
188, Raja S. C. Mallick Road, Kolkata- 700032, West Bengal.

DATE : 6th – 7th February, 2025

ADVERTISEMENT IN THE PROCEEDINGS

We will publish the proceedings of the National Science Congress on Illumination 2025 in hard and soft copy.

An effective campaign during and prior to the event which includes hoardings, banners, posters and other promotional materials will be run in different media, which will flash the previews of the event.

Payment to be made by NEFT / IMPS as per details given here:

Account Name: Indian Society of Lighting Engineers
Account Number: 0191104000144094
Bank: IDBI Bank, Lajpat Nagar II, New Delhi 110 024
IFSC code: IBKL0000191

Who can Participate?

Undergraduate, post-graduate students and research fellows of various disciplines
(Electrical, Illumination, Electronics, Instrumentation, Architecture, Energy Science, Power, Mechanical Engineering and any other relevant disciplines)

Track for Papers

- ⇒ Light Source
- ⇒ Lighting Installation
- ⇒ Human Centric Lighting
- ⇒ Human Factors in Lighting
- ⇒ Internet of Things and Smart Lighting
- ⇒ Indoor Lighting
- ⇒ Outdoor Lighting
- ⇒ Lighting Electronics
- ⇒ Lighting Audit and Energy Management
- ⇒ Emergency Lighting
- ⇒ Material Science and Lighting
- ⇒ Power Electronics and Lighting
- ⇒ Solar Energy
- ⇒ Non-conventional Energy
- ⇒ Smart Lighting
- ⇒ Lighting and Health
- ⇒ Battery
- ⇒ Optimization Technique on Lighting
- ⇒ Day lighting
- ⇒ Lighting Design and Architecture
- ⇒ Optics & Optoelectronics

Technical papers are invited in the areas mentioned above.

We request you to send your papers to nsi.isle2023@gmail.com and kindly follow the IEEE format. The paper must contain the author's name, affiliation, e-mail ID and address.

The papers will be considered for presentation by the selection committee of the Illumination Engineering Laboratory, Electrical Engineering Department of Jadavpur University and Indian Society of Lighting Engineers (ISLE). The selected candidates for paper presentation will be informed by email.

CONCURRENT EVENTS

Keynote speech by technical experts

Panel Discussion

Technical Quiz based in Lighting

Technical Paper Presentation

Model presentation

Poster presentation

Technical Debate/ Extempore

WHY SHOULD ONE PARTICIPATE?

- ◆ To gather knowledge and exchange ideas on latest technologies and trending topics related to Illumination.
- ◆ Participation certificates will be given to each participant.
- ◆ Prize will be given to the best three technical papers and other events.
- ◆ All the selected papers will be published in the proceedings.

Patron:

Prof. Biswanath Roy, Head of the Department, Electrical Engineering, Jadavpur University.

Prof. Saswati Mazumdar,

Electrical Engineering, Jadavpur University.

Mr. Kamal Sethia, Chairman, ISLE, Calcutta State Centre.

Convener:

Prof. Suddhasatwa Chakraborty,
Electrical Engineering, Jadavpur University,
General Secretary, ISLE, Calcutta State Centre.

Joint Convener:

Prof. Sangita Sahana, Electrical Engineering, Jadavpur University.

Advisory Committee

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Electrical Engineering, Jadavpur University (JU).

Prof. Biswanath Roy, Head of the Department,
Electrical Engineering, Jadavpur University (JU).

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Mr. Joy Chakraborty, ISLE, Calcutta State Centre.

Mr. Astam Kr Sahu, ISLE, Calcutta State Centre.

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Co-Chair: Prof. Parthasarathi Satvaya, SISED, JU,
Prof. Sangita Sahana, Electrical Engineering, JU

Publication Committee

Chair: Prof. Suddhasatwa Chakraborty,
Electrical Engineering, Jadavpur University,
General Secretary, ISLE, Calcutta State Centre.

Scan here for Registration

