



International Conference on Power Engineering for Research Scholars

(ICPERS 2025)

Indian Institute of Technology Madras, Chennai 600 036

24th - 25th May 2025

About the conference

The Power Engineering Group of the Department of Electrical Engineering at IIT Madras is planning to organize the "International Conference on Power Engineering for Research Scholars (ICPERS)" along with Indian National Academy for Engineers (INAE) during 24th - 25th May, 2025. The primary objective of this conference is to provide a platform for research scholars pursuing their PhDs in India and abroad to present their work and engage in discussions to exchange ideas in various domains of power engineering.

Objective:

While extending an invitation to all the research scholars, the initiative proposes to meet the following objectives.

- Provide a common platform for sharing and exchanging ideas
- Deliberate on emerging global research trends
- Evolve mechanisms for research collaborations

Mode of conference:

Hybrid

Topics for Discussion

Prospective authors are kindly encouraged to contribute for the conference through submissions of their research abstract, on the following topics (not limited to)

- Renewable Energy.
- Cyber security in power engineering
- Quantum computing in power engineering
- Energy Storage Technologies for Grid Support and EVs.
- Energy Demand Analysis in Smart Grids.
- Advances in Power System Protection Technologies.
- Applications of power electronics in power system, home appliances, industry & aerospace.
- Hard-switching & soft-switching static power converters & UPS.
- Artificial Intelligence Applications in power engineering
- Application of Data Analytics in condition monitoring of power apparatus.
- Managing High Voltage Assets in Power Networks.

Researchers are requested to **submit an abstract online** in any of the above areas. The shortlisted authors will be invited for the presentation.

Journal publication:

The authors of selected presentations will be encouraged to submit the full paper. After due reviewing (following the review process of the journal by the expert team of the conference) the full paper will be forwarded to one of the following two journals, as per author's choice.

a) Journal of Engineering Science and Technology Review

**b) Transactions of the Indian National Academy of Engineering:
An International Journal of Engineering and Technology**

Plenary talks by reputed academicians and industry experts are planned for every session.

Major Deadlines for the Conference

Event	Date
Submission of Abstract Open	1 st March 2025
Last Date for Submitting Abstract	1 st May 2025
Notification of Acceptance of Abstract	5 th May 2025

Registration Fee

Registration Fee (Excluding Goods and Services Tax)

Delegates	India/SAARC Countries (INR)	Others (USD)
Faculty/Postdoc/Scientists	10,000	250
Industry	15,000	400
Student	8,000	150

Last Date for Registration: May 15th 2025
All are exclusive of GST 18%

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Venue

IC & SR Building, IIT Madras
Near Gajendra Circle, Opposite Admin Building
Indian Institute of Technology Madras
Adyar, Chennai – 600036, Tamil Nadu, India.

Further Information

Information on Abstract submission and participation is available on the conference website.

 ge.iitm.ac.in/icpers-2025

For any queries and clarifications

Contact Prof. R. Sarathi,

Email : icpers2025@ee.iitm.ac.in Tel : 044 2257 4436 / 5425

