

Organizing Committee

Patron

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Vice Chancellor, KIIT Deemed to be University

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Advisor

Prof. Milos Manic, Professor, Virginia Commonwealth University, USA, Chair, IEEE IES Hubs and Nodes

Key Speakers

Prof. Akshay Kumar Rathore

Professor, National University of Singapore (NUS), Singapore.

Prof. Premalata Jena

Professor, Indian Institute of Technology, Roorkee

Prof. Aurobinda Routray

Professor, Indian Institute of Technology, Kharagpur

Prof. Subhransu Ranjan Samantaray

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Indian Institute of Technology, Bhubaneswar

Prof. Dipankar De

Associate Professor,
Indian Institute of Technology, Bhubaneswar

Prof. Mamata Jenamani

Professor, Indian Institute of Technology, Kharagpur

Mr. Dipesh Sahoo

Master Trainer at SkyySkill Academy

Dr. Bijay Kumar Sahu

Senior Regional Manager & Head (Outreach Office),
NRDC, Department of Scientific and Industrial Research,
Ministry of Science & Technology, Government of India
Industry & Startup Experts

Organisers

Dr. Ranjeeta Patel

Associate Professor & Dean,
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Dr. K. V. V. S. R. Choudhary,

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IEEE IES Bhubaneswar Hub and Nodes Event: 5-Day KIIT Summer Refresher Programme 2026

on

**“Electrification for Sustainable Energy Transition:
Advanced Technologies for Smart Grids and
Net-Zero Energy Systems”**

16th - 20th June, 2026



Organized by

School of Electrical Engineering

KIIT, Deemed to be University

Bhubaneswar, Odisha – 751024, India

<http://www.kiit.ac.in>

&

IEEE Bhubaneswar Hub and Nodes

<https://hubs.ieee-ies.org>

About the University

Kalinga Institute of Industrial Technology (KIIT), Deemed to be University, Bhubaneswar, is one of India's leading institutions for professional education, research, innovation, and multidisciplinary learning. Over the years, KIIT has emerged as a preferred destination for students pursuing undergraduate, postgraduate, and doctoral programmes in diverse fields including Engineering, Medicine, Biotechnology, Nursing, Management, Law, Computer Applications, Rural Management, Fashion, Film Studies, Journalism, and Sculpting. KIIT has been consistently recognized in national rankings, including the National Institutional Ranking Framework (NIRF), Ministry of Education, Government of India. Its remarkable growth reflects an inspiring journey of institutional excellence, social commitment, and academic transformation

About the Department

KIIT School of Electrical Engineering has been playing a vital role in producing engineers and Scientists of the highest caliber since its inception in the year 1997. At present, it offers Under Graduate, Post Graduate and Doctoral programs in Electrical Engineering to cater to the ever challenging needs of technical excellence in the areas of science and technology. The course structure and syllabi of each program are constantly revised to meet the ever-changing requirements of the volatile industrial market, keeping the essence of the core Electrical Engineering intact.

About the FDP

The refresher programme focuses on intelligent electrification as a key driver of sustainable energy transition. It will cover advanced technologies for smart grids, renewable energy integration, power electronics, microgrids, energy storage, cyber-resilient systems, and decarbonized power networks, enabling participants to understand emerging research trends and practical applications in modern energy systems.

About IEEE IES and Hubs & Nodes

The IEEE Industrial Electronics Society (IES) is a leading global technical society of IEEE dedicated to the advancement of electronics, control, communication, instrumentation, automation, robotics, signal processing, and power electronics for industrial and manufacturing applications. IES brings together researchers, academicians, industry professionals, and students to promote innovation, knowledge sharing, standards, publications, conferences, and professional development in industrial electronics. Its activities support emerging technologies such as smart manufacturing, intelligent control systems, industrial informatics, renewable energy systems, electric drives, and cyber-physical systems. Through its global network, IEEE IES contributes significantly to technological progress and industry-oriented engineering education.

The IEEE Industrial Electronics Society (IES) Hubs and Nodes is a localized framework designed to decentralize IES activities, grow membership, and enhance regional networking. It acts as a bridge between academia and industry, fostering career development and collaboration for students, young professionals, and senior engineers.

<https://hubs.ieee-ies.org/>

- Intelligent electrification and sustainable energy transition
- Smart grids, automation, and digital energy systems
- Renewable energy integration and grid-connected solar PV systems
- Power electronics for electrification and decarbonization
- Microgrid planning, operation, and resource optimization
- Cyber-resilient and secure smart grid infrastructure
Power quality enhancement in renewable-rich grids

- Battery energy storage and EV charging infrastructure
- Emerging research opportunities in decarbonized energy systems

Perspective Participants

Faculties, Research Scholars and PG students Industry person and practitioners. Selection of participants will be on first come first serve basis.

How to Apply

Mode of Delivery: Hybrid

Last Date of Registration-14-06-2026

Registration Link:

<https://forms.gle/DZV5TpIWpt6kDfmeA>

Registration Fee:

Academician	: Rs. 500/-
Research scholars	: Rs. 300/-
Industry Professionals	: Rs. 1,000/-
(Exclusive of Lunch)	

Account Details:

Account No	: 50100195213087
IFSC Code	: HDFC0003951
Swift code	: HDFCINBBCAL
Account type	: SB (Savings Bank Account)
Bank Name	: HDFC Bank
Branch Name	: KIIT University

