



## Advances in Resilient DER, Microgrid, and Electric Vehicle Technologies for Smart Grids

**19<sup>th</sup> to 21<sup>st</sup>  
February 2026**



### Organized by



**School of Electrical and  
Computer Sciences**  
IIT Bhubaneswar

### Insights

- Interactive session and Talks by experts from IITs, Industry & abroad

### Contact

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## About the Workshop

School of Electrical and Computer Sciences, Indian Institute of Technology (IIT), Bhubaneswar organising a workshop on **"Advances in Resilient DER, Microgrid, and Electric Vehicle Technologies for Smart Grids"** from 19<sup>th</sup> to 21<sup>st</sup> Feb 2026. This workshop is supported by Scheme for Promotion of Academic and Research Collaboration (SPARC) project, Ministry of Higher Education, Govt. of India. Research scholars and young working professionals with Power Electronics and its application are encouraged to participate in this workshop. The objective of this workshop is to address the broad challenges of resilient technologies for sustainable smart grid systems and encourage brilliant young minds to build careers in areas of Power Electronics and its application. There will be talks and demonstrations by delegates from abroad, IITs faculty and industry professionals to introduce the attendees to the area of interest and let them know the applications, current challenges and emerging trends.



## About IIT Bhubaneswar

Bhubaneswar, the capital of Orissa, is also popularly known as the "Temple City of India". Temple construction operations of the Odia style flourished in BBS for more than a millennium, from their earliest beginning to its fullest fulfilment. With facilities to cater to every type of visitor, BBS makes an ideal tourist destination. For more info about the city and its surroundings, please visit the following links:

<http://www.orissatourism.org/travel-to-orissa/bhubaneshwar/places-to-see.html>.

## About Bhubaneswar



### Registration Link : [Click to Apply](#)

All the interested candidates are required to fill up the application form available link.

### Registration fee details:

- Students/Research Scholars:
  - ₹ 500 +GST (18%)
- Research Staff/Industry Professional:
  - ₹ 1000+GST(18%)

[Click here to make Payment](#)

### Important dates

- Deadline for submission of applications form and Registration Fee:  
**12th February 2026, 5 PM**
- Announcement of the list of selected candidates: **13th February 2026, 6:00 pm**

### NOTE:

- The registration fee includes attendance to all technical sessions as well as hand on training, including coffee breaks, and lunches (during 19<sup>th</sup> -21<sup>st</sup> February 2026). Accommodation for the participants will be arranged in the hostels of IIT BBS on payment basis.

### International Speaker

**Dr. Abhisek Ukil** is currently an Associate Professor with the Dept. of Electrical, Computer and Software Engineering, University of Auckland, NZ. From 2013 to 2017, he was Assistant Professor with the School of Electrical and Electronic Engineering, Nanyang Technological University (NTU), Singapore, where he led a group of 20 researchers with several industrial collaborations. From 2006 to 2013, he was Principal Scientist with the ABB (Asea Brown Boveri) Corporate Research Center, Baden-Daettwil, Switzerland, where he led several projects on smart grid, protection, control, and condition monitoring.

**Dr. Sanjib Kumar Panda** received his B.Eng. degree with First Class Honours in 1983 and his M.Tech. degree in 1987, winning Gold Medals on both occasions, and earned his Ph.D. degree from the University of Cambridge in 1991. He joined the Department of Electrical and Computer Engineering at the National University of Singapore in 1992 and is currently an Associate Professor. He has served in key leadership roles, including Director (Education) at the Design Technology Institute and Area Director of the Power & Energy Research Group at NUS. Dr. Panda has co-authored one book and published over 175 papers in international journals and conferences. His research interests include control of electric drives and power electronic converters, energy harvesting, distributed renewable energy, assistive technology, and mechatronics.