

**Five Days Online Short Term  
Course on**



**Smart Grid and Energy  
Economics: Market, Tariff and  
Technology**

**02<sup>nd</sup> to 06<sup>th</sup> April, 2026**

**National Institute of Technology, Hamirpur**

**Coordinators**

**Dr. Supriya Jaiswal  
Dr. Rinshu**

**Organized by**



**Department of Electrical Engineering  
National Institute of Technology  
Hamirpur, Himachal Pradesh**

**About the Institute**

National Institute of Technology Hamirpur is one of the thirty-one NITs of the country, which came into existence on 7<sup>th</sup> August 1986 as Regional Engineering College, a joint and cooperative enterprise of the Govt. of India and Govt. of Himachal Pradesh. On 26<sup>th</sup> June 2002, REC Hamirpur was awarded the status of Deemed University and upgraded to National Institute of Technology. The Institute offers Bachelor, Master and Doctoral programmes in Engineering, Sciences, Architecture, Management and Humanities. Various programmes serve the purpose of building a comprehensive foundation of knowledge and of enhancing confidence, creativity and innovation in its students.

**About the Department**

Electrical Engineering Department, established in the year 1986, is one of the oldest departments of National Institute of Technology Hamirpur. The Department has been imparting quality education at undergraduate and post-graduate level. The faculty members have been active in teaching and research activities. The course curriculum is being revised from time to time so as to keep students abreast with latest emerging technologies. Various departmental laboratories have been strengthened and modernized by procuring state of art equipment's. Department is also equipped with latest experimental and computational facilities for taking up R&D and consultancy activities in different areas of Electrical Engineering.

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Dr. Jiwanjot and Other Faculty Members

## About the e-STC

The objective of this online workshop on *Smart Grid and Energy Economics: Market, Tariff and Technology* is to develop a strong conceptual and practical understanding of smart grid technologies and their role in ensuring reliable, efficient, and sustainable power systems. The workshop aims to introduce participants to the fundamentals of energy economics, electricity market structures, and tariff design, with particular emphasis on the Indian power sector and ongoing reforms. It seeks to integrate technical and economic perspectives for effective planning and operation of renewable energy sources, energy storage, and demand response within smart grids. Through case studies and real-world market scenarios, the workshop intends to enhance analytical, problem-solving, and decision-making skills among participants.

## Topics to be covered

- Energy and Environment/climate economics, electricity market and pricing, and tariff mechanisms
- Fundamental and advanced knowledge of Smart Grid technologies
- Integration of technical, economic, and regulatory perspectives for effective grid planning, operation and regulation
- Capacity building, interdisciplinary learning, and outcome-based education in alignment with AICTE and NEP-2020 guidelines.

## Eminent Speakers

- ❖ Prof. Premlata Jena, IIT Roorkee
- ❖ Prof. Y. R. Sood (Retd.), NIT Hamirpur, India
- ❖ Dr. Parul Mathuria, MNIT Jaipur
- ❖ Dr Debajyoti Majumdar, NLDC, Grid India
- ❖ Dr. Souran Chatterjee, University of Plymouth
- ❖ Dr. Sweta Sen, Madras School of Economics
- ❖ Dr. Ramesh Athe, IIIT Dharwad
- ❖ Dr. Altaf Badar, NIT Warangal

## Important Dates

Last date (Online Registration): 31-03-2026 (Limited seats are available)  
Confirmation by E-mail: 01-04-2026  
Duration: 02-04-2026 to 06-04-2026

## Eligibility

This program is open to faculty members, research scholars, PG & UG Students, and industrial personnel.

## e-Registration and Payment Guidelines

**Registration Fee (Non-Refundable) (Through SBI Collect):**

- (a) Rs. 500 for Academia/R&D Labs
- (b) Rs. 200 for Students
- (c) Rs. 1000 for participants from Industry

1. Go to [www.onlinesbi.com](http://www.onlinesbi.com) and select option **State Bank Collect**
  2. Accept terms & conditions and Proceed further
  3. Select State of Corporate/Institute: **Himachal Pradesh** and Type of Corporate/Institute: **Educational Institute**  
Select Educational Institute Name: **NIT Hamirpur** and click on **Submit**
  4. Select Payment category **Workshop STC FDP Conference** and fill the details to proceed further
- Link for e-registration through Google form:**  
<https://forms.gle/7zv7n3MxGvoDoerD7>  
E-certificates will be provided to the participants, with at least 75% attendance.

## Contact Details

**Dr. Supriya Jaiswal and Dr. Rinshu**

Email: [rinshu@nith.ac.in](mailto:rinshu@nith.ac.in) and [supriya@nith.ac.in](mailto:supriya@nith.ac.in)  
Mob.: +917978211574 and +91-9665912742