



Centre for Energy Regulation

Department of Management Sciences
Indian Institute of Technology Kanpur
Kanpur - 208016

**Registration ends
May 28, 2026**

Regulatory Certification Program Power Sector Regulation: Theory & Practice

May 30 - June 21, 2026

Centre for Energy Regulation (CER) at IIT Kanpur has been engaged in capacity building and supplementing regulatory research for the power/energy sector. CER's *Regulatory Certification Program on Power Sector Regulation: Theory & Practice*, would help to understand and analyze the key issues in the power sector from economic, legal and regulatory perspectives. The program builds upon economic rationale for regulatory and policy changes in the power sector, and engage in informed discussions on the regulatory framework, particularly those governing determination of tariff. Apart from live sessions, a set of recorded sessions would be hosted at CER's Online Learning Environment and Tools (OLET) platform. Apart from faculty from IIT Kanpur, the sessions for the program would be contributed by leading national and international experts.

Relevance

- Fundamental and applied learning of the regulatory process of tariff determination
- Comprehensive overview of the Electricity Act 2003, Policies & Rules
- Comprehend legal and policy development in the power sector
- Understand the relevance of competition in power sector
- Opportunity to learn best practices from National and International experts

Unique Features



Scan to register



CER's Online Environment & Tools (OLET)

Live/
Pre-recorded
Sessions



Hands-on
Activities

National /
International
Experts

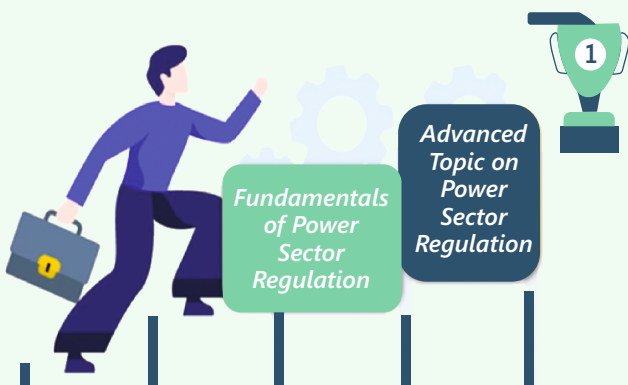


Conceptual
& Practice
Oriented

Live Interactive
Sessions



User Friendly
Portal



Learning Level

Module 1: Fundamental
Module 2: Advanced



Course Duration

25+ hrs (Over 2-3 weeks)



Interactive Learning

Live Interactive Sessions

Key Topics

- Introduction to Power Sector Reforms
- Economic Fundamentals of Power Sector
- Market Failure and Natural Monopoly
- Pricing and Regulation of Natural Monopoly
- Theories of Regulation
- Tariff Framework and Regulatory Perspective
- Tariff Determination for Generator
- Evolution of Transmission Pricing and POC Charge
- ARR and Tariff Determination for DISCOMs - A Case Study
- MYT Framework for ARR and Tariff Determination for DISCOMs
- Cost of Service Regulation v/s Performance Based Regulation

- Legal and Commercial Aspects of Tariff: A Snapshot of Recent APTEL and SC Orders
- Electricity Consumer Grievance Redressal: Institutional Approach and Practices
- International Practices in Benchmarking
- Performance-based Tariff Regulations for the distribution network - Experience in US
- Evolution of DNO Regulation, Future of Networks and Consumer Behaviour
- Regulatory Impact Assessment **NEW**
- Fundamentals of Retail Tariff Design **NEW**
- Regulatory Governance Framework **NEW**

Evaluation & Certification

- Participants will be awarded either a Certificate of Achievement or a Certificate of Participation based on criteria.
- Certificate of Achievement: 70% (pre-recorded) and 50% (live/recorded) attendance, with required performance in the assessment exam and participation.
- Certificate of Participation: 50% (pre-recorded) and 30% (live/recorded) attendance, with performance below the required criteria.
- Attendance counts only if 80% of session duration is completed.
- No certificate if attendance/assessment criteria are not met or if the assessment exam is not attempted.

Registration

- The program would be conducted under the aegis of Office of Outreach Activities, IIT Kanpur.
- For further information, visit <https://cer.iitk.ac.in/RCP>

Who should Apply?

- Officials from Electricity Regulatory Commissions (including Members), Generation Companies, Licensees (including Transmission, Distribution and Trading), Power Exchanges, Financial Institutions, Banks, Consultants/ Analysts, Investors, Lawyers, CAs/CS, Faculty, Researchers and Students from Academic Institutions, Consumer Organizations, NGOs and other stakeholders.

Portal: Online Learning Environment & Tools (OLET)

Other Initiatives



Contact us:

Centre for Energy Regulation (CER)
 Department of Management Sciences
 Indian Institute of Technology Kanpur-208016
Phone: +91 512 259 6448
 ✉ cer_cbp@iitk.ac.in
 🌐 cer.iitk.ac.in



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