



Online Short-Term Course under AICTE-QIP Scheme on

Real-Time Simulation in Smart Grid: Significance and Applications

Organized by

Department of Electrical Engineering
INDIAN INSTITUTE OF TECHNOLOGY INDORE

21-26th February 2022



COURSE OVERVIEW

This course aims to present the fundamentals of real time simulation and its significance in smart grid. Different applications of real time simulations in power electronics, power systems, protection schemes, control systems, etc. will be discussed. It will also provide an exposure to the participants to different real time simulators available in market. Further, it will also cover control hardware in loop simulation of power electronic systems, hands-on simulation experience for real time simulation using virtual tools.

COURSE FACULTY

1. Prof. S.C. Srivastava, IIT Kanpur
2. Dr. S.R. Samantaray, IIT Bhubaneswar
3. Dr. Gurunath Gurralla, IISc Bangalore
4. Dr. Ankush Sharma, IIT Kanpur
5. Dr. Premalata Jena, IIT Roorkee
6. Dr. Prashant Agnihotri, IIT Bhilai
7. Dr. Bhavesh Bhalja, IIT Roorkee
8. Dr. Ranjana Sodhi, IIT Ropar
9. Dr. Manas Kumar Jena, IIT Palakkad
10. Prof. B.S. Rajpurohit, IIT Mandi
11. Dr. Vignesh V, IIT Tirupati
12. Dr. Amod C Umarikar, IIT Indore
13. Dr. Vijay A S, IIT Indore
14. Dr. Trapti Jain, IIT Indore
15. Mr. Ashwin Damle, Nayak Power Systems Pvt. Ltd.
16. Dr. E.S.N. Raju P, Amperehour Solar Pvt. Ltd., Pune

COURSE COORDINATOR

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REGISTRATION FEE

AICTE Colleges: There is no fee for faculty/scientist participants from AICTE sponsored colleges/institutes. A certificate of AICTE recognition of the Institute from the Head of the Department (the format is provided in this brochure) must be uploaded at the time of online application through the below link on or before **15th Feb 2022**.

Others: ₹1500 for students, ₹2500 for faculty members/scientists/Post-Doc and ₹4000 for participants from industries.

PAYMENT

Bank Transfer:

Beneficiary Name	Registrar IIT Indore
Bank Name	Canara bank
A/C	1476101027440
IFSC	CNRB0006223
Branch	IIT Indore, Khandwa Road, Simrol, Indore.

Transfer details need to be uploaded at the time to online application through the below link on or before **February 15, 2022**.

REGISTRATION LINK

LINK TO REGISTER [CLICK HERE](#)
REGISTRATION DEADLINE **15th Feb 2022**
MODE OF THE PROGRAM **Online Mode**

CERTIFICATION

Participants completing the course successfully will be awarded an E-Certificate



SCAN TO
REGISTER



RESEARCH
GROUP LINK

CONTACT

For further information, assistance, or queries, please do not hesitate to drop a mail at queries.qip@gmail.com

AICTE Recognition Certificate Format

Certificate of AICTE Recognition

Certified that (Name of College/Institute) _____

_____ as well as the academic department to which
Mr. /Ms. /Dr. /Prof. _____

Designation _____

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recognized by AICTE.

Signature
Head of the Department

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