

**Self -Sponsored 6-Day Short
Term Course**

on

**RECENT TRENDS ON FACTS
AND RENEWABLE ENERGY
SOURCES
(RTFRES-2020)**

[24 – 29 November 2020]



Organized by:

Department of Electrical Engineering
National Institute of Technology
Jamshedpur, Jamshedpur



Organizing Committee

Patron: **Prof. Karunesh Kumar Shukla**
Director, NIT Jamshedpur
Chairperson: **Dr. A K Akella**
HOD, EED, NIT Jamshedpur
Coordinators: Dr. A K Akella, Dr. Sanjay Kumar

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Dr. A. Bhattacharya, EED, NIT Jamshedpur
Dr. Jitendra Kumar, EED, NIT Jamshedpur

Resource Persons:

The speakers will be from IITs, NIT Jamshedpur and other reputed organizations.

Course will be useful for:

Faculty members & Students of Science/Engineering,
Industry personnel and Scientists.

Important dates:

Registration Starting on : **05.11.2020**
Last date of Registration : **20.11.2020**

**Note: Send the scanned copy of registration form to
STC email. For online registration follow STC URL.**

Registration Form

A 6-Day Short Term Course on

**RECENT TRENDS ON FACTS AND
RENEWABLE ENERGY SOURCES
(RTFRES-2020)**

[24 – 29 November 2020]

Name:

Department:

Institute:

Address:

Email:

Phone No:

Mobile No:

Qualification:

Area of specialization:

Signature of applicant

About the Institute:

The National Institute of Technology Jamshedpur (NIT Jamshedpur) is an Institute of National Importance located at Jamshedpur, Jharkhand, India. Established as a Regional Institute of Technology in 1960, it was upgraded to National Institute of Technology (NIT) on 27 December 2002 with the status of Deemed University. It is one of the 31 NITs in India, and as such is directly under the control of the Ministry of Human Resource Development (MHRD). It is the third in the chain of eight NITs established as a part of the Second Five Year Plan (1956–61) by the Government of India. The Institute has twelve departments including engineering, science and humanities. The institute offers a 4-year Bachelor of Technology degree in the various streams. The institute also offers Master and Ph.D. degrees in various streams. The institute is bound to the quest for academic excellence and good governance, growth of institute, admired and respected institute for students, employees and industry, innovative leader.

About the Department:

The Department of Electrical Engineering was started in 1960. The Department has been consistently producing quality Engineers since its inception and is also involved in research and development activities. The alumni of the department are well placed in both public and private sectors. In addition to the UG course, the department runs PG course in Power Systems and Power Electronics and Drives and Ph.D. program in different areas of specialization.

Course Objective:

The focus of the short-term course will range from the fundamental principles to the modern advancements of power electronics and power system including the research scope and challenges.

The aim of the RTFRES-2020 is:

- To help the participants assimilating the fundamental concepts of the subject.

- To build a interactive, collaborative relationships with participants and their institutions, by sharing work environments for future.
- To activate, maintain and carefully monitor a dynamic network of support and collaboration, with nearby technical institutions.

Short term course topics:

- Recent advancements in power electronics and their application areas
- Recent trends in power system
- Operation and control of renewable-based DGs
- Reactive power control and voltage stability

Number of Seats: 100

Mode: Online

Registration Fee: Nil

STC email: fdp.ee.nitjsr@gmail.com

STC URL:

https://docs.google.com/forms/d/e/1FAIpQLSf4eayyY_vh0_7raszKw6bI6dCHOhPCHri2Wofu1-Q5t976Bg/viewform

Institute website: <https://www.nitjsr.ac.in>

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