



## TEQIP-III Sponsored Two Days e-Workshop on “Virtual Labs for Electrical, Electronics & Communication Engineering”

16<sup>th</sup> -17<sup>th</sup> September 2020

at

National Institute of Technology Jamshedpur in association with IIT Kharagpur

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**Dr. Sanjay Kumar**

### Coordinators (DECE)

**Prof. BNS Munda**  
**Dr. Prashant Kumar**

### Resource Person



**Dr. Alok Kanti Deb**  
Outreach Co-coordinator,  
Virtual Labs, IIT  
Kharagpur

### About the Workshop

Department of Electrical Engineering and Department of Electronics & Communication Engineering, NIT Jamshedpur are organizing e-Workshop in association with Virtual Labs Team of IIT Kharagpur during 16<sup>th</sup> -17<sup>th</sup> September, 2020. During this challenging pandemic situation, now is the best time for faculties and students to adapt online learning. A virtual laboratory is a tool for distance learning and/or experimentation that allows people to share knowledge, data, voice, video, tools, and many other resources. It provides a suitable environment to extend, improve, integrate, refine, and assist the learning and/or experimentation process of many subjects, thus contributing to an increase of the effectiveness of scientific research and widening the use of scarce or costly equipments.

### Objectives

1. To provide remote-access to Labs of Electrical Engg., Electronics and Communication Engineering. This e-workshop will cater to students at the undergraduate, post graduate levels as well as to research scholars.
2. To enthuse students to conduct experiments by arousing their curiosity.
3. To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self evaluation.
4. To gain hands-on experience on Virtual Labs related to Electrical Engineering and Electronics & Communication Engineering.

### Coverage Areas

1. Laboratories of Electronics and Communication Engineering
2. Laboratories of Electrical Engineering

### Essentials

One Desktop/Laptop with internet connectivity is all that is needed to perform the experiments remotely.

### Important Remarks

- No registration fee will be charged. (Registration is open to Students as well as Faculty members)
- Pre-registration is mandatory. (Registrations can be done online at the following link)  
[https://docs.google.com/forms/d/1rRjrTnr6KrUbTtt9i\\_1eB10aPZ4gOsZOr1lxWoHHjFs/edit](https://docs.google.com/forms/d/1rRjrTnr6KrUbTtt9i_1eB10aPZ4gOsZOr1lxWoHHjFs/edit)
- A certificate of participation will be given to the participants.
- Last date of registration is 15<sup>th</sup> September 2020 by 5:00 pm.
- E-workshop will be held from 2:00-5:00 PM.