

OBJECTIVE OF THE WORKSHOP

The main objectives of this workshop are:

- a. To address the recent advancement on the technologies of smart grid and renewable energy integration.
- b. To address the application of power electronics in renewable energy integration process.
- c. To address the different control strategies on renewable energy based smart grid system.
- d. To address the integration of renewable energy issues with smart grid.
- e. To address the challenge in implementing smart grid technologies in India.

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Convener

Dr. Subhasish Deb

Co-Convener

Dr. Amarendra Matsa
Dr. Ksh. Robert Singh
Dr. Subir Datta
Dr. Sadhan Gope

Local Organizing Committee

Mr. Zonunsanga
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Advisory Committee

Prof. L. Lolit Kumar Singh, Mizoram University
Prof. Priyanath Das, NIT Agartala
Prof. N.P. Maity, Mizoram University
Dr. Arup Kumar Goswami, NIT Silchar
Dr. Asim Datta, Tezpur University
Dr. Amarendra Matsa, Mizoram University

Invited Speakers

Resource persons from reputed Institutes
(IITs/NITs/Central Universities etc.)

National Workshop on

“Recent Advances in Smart Grid and
Renewable Energy Integration”

07th – 11th March 2022



Organized by
Department of Electrical Engineering
School of Engineering and Technology
Mizoram University
Tanhril, Aizawl-796004, India

ABOUT MIZORAM UNIVERSITY

Mizoram University was created by an Act of Parliament (No. 8 of 2000) and it became functional from 2nd July, 2001. The University is located at Aizawl, the capital city of Mizoram and is spread over 978.1988 acres in an area on the outskirts of the city. Prior to the existence of the Mizoram University, the North-Eastern Hill University (NEHU) with headquarters at Shillong was operating a campus in Mizoram. Headed by a Pro-Vice Chancellor, the then Mizoram Campus of NEHU consisted of seven Post-Graduate Departments, namely, Economics, Education, English, Forestry, Mizo, Psychology and Public Administration. During the last 17 years of its existence, Mizoram University has made considerable progress in terms of infrastructure, academic programmes, manpower and support services. Mizoram University was accredited 'A' grade by NAAC in 2019. The University was ranked as one of the top 100 Universities in India, assessed by the NIRF rankings in 2016, 2017, 2018, 2019 and 2020 under MHRD. The University has 37 Departments offering U.G., P.G., M.Phil., and Ph.D. under 9 Schools of studies. The University has 35 affiliated colleges and one constituent college.

ABOUT ELECTRICAL ENGINEERING DEPARTMENT

The school of Engineering and Technology, Mizoram University, is a pioneer in technical education in Mizoram. The school was started in the year 2007 and currently is being operated with five engineering departments. The Department of Electrical Engineering was established in the year 2011. The academic programme of the Department of Electrical Engineering has started since August, 2012. The Department presently offers an eight semester B.Tech. Programme in Electrical Engineering, four semester M.Tech. programme in "Power and Energy Systems Engineering" and Ph.D. programme to cater the ever challenging needs of technical excellence in all areas of Electrical and Energy Engineering. The department has well established laboratories for imparting practical knowledge to students.

IMPORTANT DATES FOR THE WORKSHOP

Last Date of Registration:

28th February 2022

Notification for Acceptance:

02nd March 2022

INFORMATION FOR APPLICANTS:

The workshop will be held in virtual mode. E-certificates will be provided to all the participants who have attended the workshop successfully.

ELIGIBILITY:

Faculty members / Engineers / Researchers / Students related to Electrical, Electronics, Power, Energy, Computer, Information Technology, Civil and Environment may apply.

REGISTRATION:

Registration fee: Nil

REGISTRATION FORM LINK:

The Google form registration link is given in below.

<https://forms.gle/9KWTSmDfpHpXDzBn9>

Note: Interested participants are requested to fill and submit the Google form within the last date of registration.