

**TEQIP-III sponsored  
SHORT TERM COURSE**

*On*

**Modern Electric Power  
Systems Network, MEPSN-19**  
(Operation, Control, Metering,  
Trading and Maintenance)

**COORDINATORS**

Prof. P. K. Hota

Mrs. N. Saha

*Organised By*



**Department of Electrical Engineering**

**Veer Surendra Sai University of Technology**

**Siddhi Vihar, Burla, Sambalpur**

**Odisha -768018**

**www.vssut.ac.in**

**Theme of the short term course**

This short term course aims to provide an exposure for the participants to gain practical practices/knowledge in the professional field and exposure to contemporary practices in industry. Eminent personalities from leading power industry of India are invited to deliver talk and to interact with participants on industrial exposure and understanding of practical challenges and solutions to electrical power generation, renewable energy, power transmission & distribution, power network stability, management & control, energy trading, metering, maintenance, operation and smart grid technologies. The course is designed for faculty members with electrical engineering background, P.G scholar and research scholar. The participants will inculcate the knowledge of recent development and practices in the area of electrical power system operations and control, to analyze the challenges and opportunities for distributed renewable generation in both large interconnected grid and micro-grid environment. During the course participants will be able to interact with eminent personalities from leading power industry to share their knowledge.

**COURSE CONTENT**

- Information about present scenario of electrical power transmission and distribution.
- Energy trading, monitoring and metering.
- Transformer, transformer maintenance, cable and its fault location.
- Operation and maintenance of protective devices such as switchgear, relay etc
- Renewable energy and grid interaction.

**Contact**

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## About The University

Veer Surendra Sai University of Technology (VSSUT), Odisha formerly known as University College of Engineering, (UCE) Burla was upgraded to a Unitary State University which came into force from 1st day of July 2009 by Odisha Act 9 of 2009. VSSUT is located at the foothill of famous Hirakud Dam, the longest dam in Asia. This legendary university is named after Veer Surendra Sai, the great Indian freedom fighter. Burla is famous as Intellectual Capital of Odisha (Vidya Nagari) with VSSUT, Veer Surendra Sai Institute of Medical Sciences and Research (VIMSAR), Sambalpur University, MCL, WESCO, IIM Sambalpur, Hirakud Dam circle, etc. It is at a distance of 12 km away from Sambalpur railway station and 3 km away from Hirakud railway station. VSSUT, Odisha has carved a niche for itself among the best technical institutes in India and is a dream institute for many budding engineers. The University offers B.Tech., M.Tech., Dual Degree, M.Sc, MCA and PhDs courses. The University is surrounded by a large number of Government, public and private industrial sector organizations such as OHPC, Hindalco, NALCO, NTPC, OPTCL, Vedanta Aluminium Ltd, Bhusan Steel Plant, etc. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.

## Department of Electrical

The department of Electrical Engineering, VSSUT, Burla established in 1956. The department is adorned with rich heritage of academic excellence, innovative teaching/ learning activities, well equipped laboratories and updated workshop, excellent placement record and the faculty members with outstanding research abilities.

## Expert lectures

Eminent personalities from leading power industry of India such as SAIL, NTPC, BHEL etc. are invited to deliver talk and to interact with participants.

## Registration

Limited number of participants from the AICTE recognized institutions will be eligible up to III AC to and fro railway fares (via shortest route from the place of work). Only the candidates attending the full course will be eligible for TA and DA.

## Course Duration/Venue

The course is of one week duration from **5<sup>th</sup>-10<sup>th</sup> August 2019**. All the lecture classes will be held at Room No.- D 220, Seminar Hall, Department of Electrical Engineering Veer Surendra Sai University of Technology

## Important Dates

The last date for receipt of duly filled applications is 20<sup>th</sup> July 2019. Intimation of selection of candidature will be communicated through e-mail by 27<sup>th</sup> July, 2019.

Note: Interested candidates may send an advance copy of the completed application by email.

**Veer Surendra Sai University of Technology,  
Siddhi Vihar, Burla-768018, Odisha**

QIP Short Term Course  
On  
MEPSN-2019

**5<sup>th</sup> AUGUST 2019 – 10<sup>th</sup> AUGUST 2019**

Application Form

1. Name (Block letters):
2. Designation:
3. Organization (with detailed address):
4. Date of Birth:
5. Address for communication:

Pin Code:                      Mobile:

E-mail:

6. Academic Qualification (Please tick mark)

(a) B.Tech.            (b) M.Tech.            (c) Ph.D.

7. Specialization:

8. Experience (in years):

(a) Teaching     (b) Industrial

(c) Research

9. Amount of TA requirement as per entitlement mentioned in the brochure (only for AICTE approved colleges) Rs.:

Please register for the course entitled  
**“Modern Electric Power Systems Network,  
MEPSN-19**

(Operation, Control, Metering, Trading and  
Maintenance)”

to be held at VSSUT, Burla during **5<sup>th</sup>– 10<sup>th</sup>  
AUGUST 2019**.

Place:

Date:                              Signature of the applicant