

## INTRODUCTION

Indian energy scenario is characterized for shortages of supply and increasing demand. A detailed study shows that the present gap between demand and supply of electrical energy may grow up to 70% by the year 2050, if corrective measures are not taken immediately. At the same time use of coal and other fossil fuels need to be rationalized in view of the local and global environmental concerns. The situation therefore needs corrections to introduce measures that reduce demand. Additionally, one has to develop technical solution for new and renewable energy sources. Detailed studies show that if full potential of electrical energy savings can be exploited, the projected demand and supply gap can be halved. The remaining demand can be met through a mix energy supply options of clean fuel and renewable energy sources.

## ABOUT THE COURSE

This five day course will be divided into the following sections:-

- Energy Audit and Management
- Energy Efficiency in Thermal Utilities
- Energy Efficiency in Power Distribution
- Energy Efficiency in Buildings
- Alternate Power Resources

Every unit will have several modules. A certificate will be awarded on successful completion of the course; this includes full participation.

## FACULTY

The course is being coordinated by Dr. Sanjeev Anand, Head School of Energy Management & co-Coordinated by Dr. Vineet V Tyagi & Dr. Yatheshth Anand. The other faculty resource will be drawn from the university, Power Grid, IITs others industries in the concerned area.

**Interested participants may send their registration either by post or E-mail to [hod.dem@smvdu.ac.in](mailto:hod.dem@smvdu.ac.in) or through Google forms link <https://forms.gle/iw5ZWVXtciftHYrX6>**

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## TEQIP-III Sponsored FACULTY DEVELOPMENT PROGRAM ON ENERGY AND POWER SYSTEMS

At

**SHRI MATA VAISHNO DEVI UNIVERSITY  
KATRA  
5<sup>th</sup>-9<sup>th</sup> August 2019**



**ORGANISED BY  
SCHOOL OF ENERGY MANAGEMENT  
SMVD UNIVERSITY, KATRA -182320**

**Mentoring Institution  
JNTUH COLLEGE OF ENGINEERING  
HYDERABAD**

### **PARTICIPANTS AND COURSE FEE**

The course is essentially meant for faculty and research scholars from educational institutions and professionals from industry. The total fee for the course is @ Rs. 4000/- per participant which includes boarding and lodging.

### **VENUE**

Shri Mata Vaishno Devi University Campus,  
Sub-Post Office, Kakriyal, Katra,  
Jammu and Kashmir - 182320