INTRODUCTION

Renewable Energy is the most sought after topic now a day. More and more countries are increasing their concerns towards reducing their carbon footprints and saving the conventional energy resources by utilizing the renewable form of energy. But the effective production of energy from these energy resources needs to be properly checked as there is a huge variation in the presence of such resources in different regions throughout the globe. Hence, simulation techniques can be utilized to get a better understanding about the type of renewable energy source and the extent up to which it can be harnessed in a particular region.

Aligning to this, we are proposing a week long FDP on energy simulation. The FDP will also focus on how to perform these simulations effectively using various software like TRNSYS, ANSYS, eQUEST, PVSyst, EES, MATLAB etc. This FDP. This will benefit the researchers as well as the engineers working in the field of energy and energy systems.

The course will also focus mainly on the generation of model for analysis and simulation of designed model for temperature distribution, their detailed study, analysis of energy systems.

ABOUT THE COURSE

This five day Multidisciplinary Course shall be having extensive lectures and hands-on sessions on various simulation software as detailed above which are available for engineers of different fields to carry out their research. Experts from various domains shall be sharing their expertise and experience. A certificate will be awarded on successful completion of the course; this includes full participation.

FACULTY

The FDP is being coordinated by Dr. Vineet V. Tyagi & Dr. Yatheshth Anand & Dr. Sanjeev Anand will be the organizing secretary. The other faculty resource will be drawn from other schools of the university, IITs, NITs and others industries in the concerned area.

Interested participants may send their registration either by post or E-mail to hod.dem@smvdu.ac.in or through Google forms link https://forms.gle/ULxySTn3ELr5gAdt7
Contact Details:

1. **Dr. Vineet Tyagi**
   Assistant Professor, School of Energy Management, SMVD University, Katra 182320
   Extn. 2364, Mobile: +91 9596355889
   E-mail: v.tyagi@smvdu.ac.in
   E-mail: hod.dem@smvdu.ac.in

2. **Dr. Yatheshth Anand**
   Assistant Professor, School of Mechanical Engineering, SMVD University, Katra 182320
   Extn. 2362, Mobile: +91 9419209654
   E-mail: y.anand@smvdu.ac.in

3. **Dr. Sanjeev Anand**
   Head, School of Energy Management
   Faculty of Engineering, SMVD University, Katra 182320
   Extn. 2362 (Fax.) +91 1991- 285573
   Mobile: +91 9419104580
   E-mail: sanjeev.anand@smvdu.ac.in
   Phone: +91 1991-285535, 285524, 285634, 285699.

TEQIP-III Sponsored

FACULTY DEVELOPMENT PROGRAM ON ENERGY SIMULATION
at
SHRI MATA VAISHNO DEVI UNIVERSITY KATRA
FROM 4th-8th November 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 institution. The total fee for the course is @ Rs. 4000/- per participant which include boarding and lodging.

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