

Energy Modelling & Energy Planning

{November 14th-15th, 2019}

Skill and Capacity Building in Energy Modelling, Planning and Policy Making with Effective Implementation of the Same within the State of M.P.



The CelestialEarth SoEEM- RGPV

Collaborative Training Program
between
RGPV and The Celestial earth

Organized By

School of Energy & Environment
Management (SoEEM),

Rajiv Gandhi Pradyogiki Vishwavidyalaya,
Airport Road, Bhopal, M.P.- 462033
head_soem@rgtu.net

ABOUT US

SoEEM-RGPV and The Celestial Earth, Gurgaon has entered into the Memorandum of Understanding (MoU) for the capacity building of the university in the area of energy modelling with its application in the energy planning and policy making in the sector. The Energy Modelling Tool and Data Analytics that The Celestial Earth has developed is primarily for education purpose for the engineering and technical students who are in the field of energy and related subject areas and having interest to take up career in the energy planning domain.

NEED FOR ENERGY MODELLING

The complexity of the energy system in the country is rather impossible to create a balanced growth scenario of the sector without mechanical computational capability. Handling huge data and processing them to derive meaningful information and use them for effective policy making is a big challenge.

OBJECTIVES

Build technical skills and capacity building of the M.P. State Technological University in energy modelling, planning and policy making with effective implementation of the same within the State.

BENEFITS

Exposure to build energy system model for a region, country, state and cities. Exposure to real life situation of energy planning and policy making while working in the live project and others.

WORKSHOP FEATURES AND ELIGIBILITY CRITERIA:

Number of Trainees: 30 Nos.

QUALIFICATION AND SKILL SETS REQUIRED

Qualification: M.Tech-Energy Systems/ Energy Management/ Energy Technology and Faculties of Electrical & Mechanical Engineering

Mandatory Skill set: Basics Engineering skills and proficiency in MS-Excel, MS-Power Point etc

Desirable Programming Skills: C/C++/Python
Training session schedule (Detailed Schedule below)

Basic Training-I : 1 Day
Training Session-II : 1 Days

Detailed schedule:

Basic Training-I: 1 Day Session

- Energy Modelling and its Application
- Energy Systems Parameters
- Energy Data Collection Formats and
- Reference Energy Systems
- Building Reference System for a region/ country/ state/ cities
- Case Studies

Training Session-II: 2 Days Session

- Developing Energy Balance Sheet
- Building Model Input sheet
- Running Models and Results Extraction
- Scenario Building and Recommendations
- Development of low carbon pathways based on recommendations
- Incorporation of Future Target in model
- Impact assessments of the model results

Note: Written Test will be organized at the end of each session and certificate will be provided to those candidates who will clear the entire Written Test s.

Trainers from The Celestial Earth:

Dr. Anindya Bhattacharya
Mr. Faraz Alam
Mr. Avishek Rauniyar



CAPACITY BUILDING TRAINING ON ENERGY MODELLING AND ENERGY PLANNING



Conducted By : School of Energy & Environment Management, UTD, RGPV & The Celestial Earth, Gurgaon

School of Energy & Environment Management, Rajiv Gandhi Proudyogiki Vishwavidyalaya, Airport Road, Gandhi Nagar, Bhopal, M.P.- 462033. Phone No. : 0755 - 2678822

THE CELESTIAL EARTH, GURGAON & SCHOOL OF ENERGY & ENVIRONMENT MANAGEMENT, UTD, RGPV is being conducting a 02 days training program on “CAPACITY BUILDING TRAINING ON ENERGY MODELLING AND ENERGY PLANNING”.

General Information about Course:-

Sr.No.	Item	Description
1.	Name of Sector	Energy
2.	Name of Module	Capacity Building Training on Energy Modelling and Energy Planning
3.	Duration	02 Days
4.	Batch Size	30 Participants
5.	Basic Qualification /Eligibility	<ul style="list-style-type: none">• M.Tech.- Energy Systems/Energy Management/Energy Technology.• Faculties of Electrical & Mechanical Engineering are eligible to participate only when their registration form is forwarded from the Head of the Institution. <p>Mandatory Skill Set: Basics Engineering skills and proficiency in MS-Excel, MS-Power Point etc.</p> <p>Desirable Programming Skills: C/C++/Python</p>
6.	Course Fee	Nil
7.	Accommodation	Non-residential course
8.	Course/ Training Date	From 14th -15th Nov.2019
9.	Last Date of Submission of Online Scanned Form with all required documents	10th Nov. 2019 (Selection List will be uploaded at RGPV portal or at personal email)
10.	Certificate	Participants will be given a joint certificate by CE and RGPV on the day of assessment who will attend full 05 day course.



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REGISTRATION FORM

Participant Details: (Please attach Typed Resume with this form)

Name of Participant:.....

Present Designation:.....

Self attested recent passport size photograph

Address of Participant: (District/State/Pin code):

.....
.....
.....

Email-ID:.....

DOB:.....

Contact Number:..... **Whatsapp Number:**.....

Qualification:..... **Adhaar Number:**.....

Work Experience in Years:

Educational Qualification:

Qualification: M.Tech- Energy Systems/Energy Management/Energy Technology **(YES/NO)-**

Mandatory Skillset: Basics Engineering skills and proficiency in MS-Excel, MS-Power Point **(YES/NO)-**.....

Desirable Programming Skills: C/C++/Python **(YES/NO)-**

(Signature of the applicant with Date)

(Signature of Forwarding Authority, in case of Faculty)

Note:-

- Candidate has to submit:- .
 - Soft copy of registration form with scan copy of Mark sheet, resume & Aadhar Card at email. anurag.gour@rgtu.net and faraz.alam1990@yahoo.com , M.No.-9425476288 before 10/11/2019.
 - Hard copy of registration form with two passport photographs, photocopy of Mark sheet, resume & Aadhar Card at Training center (at the time of reporting of first day).
- Candidate selection basis on first cum first basis and fulfilling the desired qualification only.
- Candidate should bring laptop at the time of 02 days training.