

Registration Form

Under TEQIP Phase-II
(March 27-31, 2017)

1. Name.....
2. Designation
3. Organization.....
4. Department
5. Address for correspondence
.....
.....
6. Phone
7. E-mail.....
8. Research Interests.....
.....

9. Lodging Requirement : Yes / No

Signature (Applicant)

Sponsorship Certificate

The applicant will be permitted to participate in the above program, if selected.

Date: Signature:

Sponsoring Authority
(Principal / Director)
SEAL

Note: Photocopies of this form can be used for registration.

Organizing Committee

PATRON
Prof. V.K Tyagi
Director, B.I.E.T, Jhansi

CHAIRMAN
Dr. Hiwarkar A.D
Head, Department of Chemical Engineering

COORDINATOR
Er. Sudeep Yadav
Assistant Professor, Dept of Chemical Engineering

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Dr. Mukesh Shukla	HOD, CED
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TEQIP Committee

Dr. A.K Nigam	Coordinator, TEQIP II
Dr. Amitabh K. Srivastava	Dy.Coordinator TEQIP II

Address for Correspondence

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Department of Chemical Engg.
Bundelkhand Institute of Engineering
& Technology, Jhansi
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World Bank (TEQIP) –II Assisted

One week

Faculty Development Programme

on
Development in Sustainable Energy and Environment Protection

March 27-31, 2017



Organized

by

Department of Chemical Engineering
Bundelkhand Institute of Engineering
& Technology

(An Academic Autonomous Government
Institution)

Jhansi-284128 (U.P.) INDIA

About the Institute

B.I.E.T has a rich tradition of pursuing excellence and has continually re-invented itself in terms of academic programmes and research infrastructure. Students are exposed to challenging research based academics and a host of sport, cultural and organizational activities on its vibrant campus. The presence of world class facilities, vigorous institute-industry collaboration programmes, interdisciplinary research collaborations and industrial training opportunities help students of B.I.E.T to excel and be ahead in the competitive professional environment.

About the Department

The chemical engineering department was established in 1996 & M.Tech (Energy Science & Technology) in 2014. Its courses include all important aspects of chemical engineering with more emphasis on analysis and implementation of various types of technologies and development. Department has fully equipped laboratories to facilitate students to improve their practical knowledge in different subjects.. In the department, we have elite faculty members with excellent teaching experience. Department has fully developed infrastructure, well equipped laboratories, and departmental library.

Objective of the FDP

For rapid sustainable economic development, the topic under study is of paramount importance. The concept of what constitute the environment is changing rapidly. Due to rapid economic expansion, everyone has to contribute to the increase in global energy demand and efforts are to be made for some other alternative sources of energy other than present

sources. In present scenario of depleting nonrenewable energy sources, world is looking forward for the upcoming techniques that provide best and efficient way to renewed the non-renewable energy sources as well as for protection of environment from different types of pollution. The new and unmet technological needs of society include more comprehensive information and understanding of society to move towards technologically more advanced environment.

This FDP program will focus on application of advanced treatment processes as well as the energy related problems and needs of society involved in industries, scientific methods and research work that enhance the knowledge of all the participants.

Course Contents

- Energy demand analysis & forecasting in Indian context
- Eco technology and sustainable development
- Substitution of conventional sources by alternative sources
- An introduction to hydrocarbon fuels-their availability & effect on environment
- Introduction to Bio fuels & Bio energy
- Advanced conversion techniques of Biomass & Solid waste
- Approaches to mitigate environmental emissions from energy sectors
- Industrial & Domestic waste water treatment
- Introduction to solar energy & its application
- Clean Development Mechanism case study
- Hybrid & Integrated Energy Systems
- Total energy concept in waste heat utilization
- Policy & planning implications of energy environment interaction

Eligibility & Registration

The FDP is interdisciplinary in nature and is open to faculty members, PhD research scholars, and industry personnel of Chemical Engg. & its related branches, Mechanical Engg., Civil Engg., Biotechnology, Applied Science & Humanities, and Electrical Engineering. The participants must be sponsored by their institutions.

Participating faculty members from Non TEQIP II Institution have to deposit a refundable DD of Rs 500/- in favour of 'Coordinator DSEEP 2017'.

No. of Participants: 30 (Max)

Selection will be made through short listing criteria. Preference will be given to faculties from TEQIP-II Institutions.

Travel Expenses: To be borne by the respective TEQIP Institution for the participant(s) of TEQIP Institutions. Others have to bear by their respective parent Institution.

Lodging

Limited rooms are available in the Institute Guest House and accommodation may be arranged with prior information. In case of non availability of rooms in guest house, candidate will have to make his own arrangements

Mode of Application

Enclosed application form should be filled, duly signed by the authority of the participant's Institution. The same shall be sent by post to the Coordinator or the scanned copy by email, latest by March 24, 2017.