

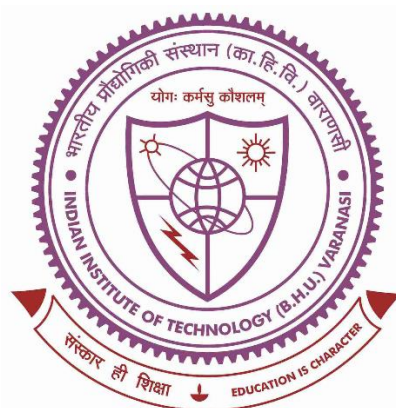


Online AICTE Approved Quality Improvement Program-Short Term Course

on

“Bioenergy: A Hope for Future for Global Energy Security”
(March 01-05, 2021)

Organized by:-



**Department of Chemistry
and
Department of Mechanical Engineering
Indian Institute of Technology (BHU) Varanasi
Varanasi 221005
India**

Course Objective

The course is designed to benefit the students, faculty and researchers from Engineering institutions. Main objectives of the course are to disseminate the basic and advanced knowledge of the subject in this authentic and important discipline which is important for healthy economy, environment and a quality of life.

Following topics are proposed to be discussed during the course:

- Energy and energy security
- Assessment of global and Indian energy resources
- Societal aspects of energy
- Renewable and non-renewable energy
- Solar energy and futuristic aspects of solar energy
- Wind energy
- Geothermal and hydro-energy
- Waste to Energy
- Bioenergy from wastewaters
- Superconductivity and cold fusion
- Economics and energy

Who should attend?

Faculty in Sciences, Civil/Chemical/Mechanical/Biochemical Engineering and Biotechnology from AICTE recognized colleges.

Interested participants are requested to send their filled registration form at the earliest. This will help us in making necessary arrangements. Selected candidates will be informed by e-mail / Fax etc.

Course Speakers

Experts from IITs and subject experts from other Institutions/research organisations.

Registration Process

Sponsored Participants (from AICTE approved institutions):

NO COURSE FEE-Intending participants are requested to register their names by filling the attached registration form or by filling the online registration form. Scanned copy of the filled application given in the registration link needs to be uploaded.

Google Form for Registration

<https://forms.gle/TWskDtAdWGoCtT5S9>

Important Dates

- Last date of registration: February 23,2021
- Intimation of Selection by email: February25,2021

Organisers

Prof. Yogesh Chandra Sharma

Department of Chemistry

Coordinator

Prof. Rajnesh Tyagi

Department of Mechanical Engineering

Co-Coordinator

Enquiries can be made to the coordinator at ysharma.apc@itbhu.ac.in; Mob No 9935616119

Patron

Prof. Pramod Kumar Jain
Director, IIT(BHU) Varanasi

About the Institute

The Indian Institute of Technology (Banaras Hindu University) owes its existence to Mahamana Pandit Madan Mohan Malaviya, Bharat Ratna- the founder of the first residential university of modern India, the Banaras Hindu University. The three of the erstwhile engineering colleges of BHU, namely BENCO, MINMET and TECHNO, were merged to form the Institute of Technology (IT-BHU) in 1968 to provide an integrated educational base. The IT-BHU has been admitting students through the JEE conducted by the IIT's since 1972, and has been consistently ranked amongst the top few engineering institutions of the country. IT-BHU became IIT(BHU) on June 29, 2012 by an Act of Parliament. The Institute has maintained high academic standard since its inception. It has turned out luminary engineers and administrators who served the nation with great distinction.

Department of Chemistry

The Department of Chemistry, IIT-BHU, previously known as Department of Applied Chemistry (Institute of Technology), was established in the year of 1985. The department is engaged in high quality research in thrust areas of chemistry.

The Department of Chemistry offers a five-year integrated M.Tech. program in Industrial Chemistry and Ph. D programs in Organic, Inorganic, Physical and Analytical chemistry. More than 100 PhD's have been awarded from this department. Research programs in the department have been supported by DST, DRDO, CSIR, BRNS, UGC and AICTE. The department is presently equipped with primary instruments including AAS, AFM, UV-Vis spectrophotometers, FTIR, powder-XRD, Particle Size Analyser, etc.

Department of Mechanical Engineering

The Department of Mechanical Engineering came into existence in 1919 under the leadership of Professor Charles A. King, the first Head of the Department and Principal of the erstwhile Banaras Engineering College. Over the last ninety-nine years, the department has grown four folds to become the largest department in IIT(BHU) Varanasi. The post-graduate and doctoral program in the department is well-established and infrastructural facilities exist for studies and research for arrangement of specializations such as Machine Design, Thermal and Fluid Engineering, Production Engineering and Industrial Management.

Registration Form

Name	_____
Date of Birth	_____
Gender	Male / Female / Transgender
Designation	_____
Qualifications	_____
Institute/Organizations	_____
Postal Address	_____ _____ _____
Email Id	_____
Telephone / Mobile No.	_____

Signature of the Candidate (with date)

Prof./Dr./Mr./Ms./Mrs./_____an employee of our institute/organization.
The applicant will be permitted to attend the online QIP short term course on “**Bioenergy: A hope for Future for Global Energy Security**” at IIT(BHU) Varanasi, to be held during March 01-05, 2021.

Signature of the Head of the Department/Institution/Organization