Introduction

Biogas is an effective, renewable non-fossil fuel with the benefits in numerous fields including environmental, energy, economic and waste management which can be commenced in rural, urban, and industrial area. Biogas is emerging as a viable and sustainable route for managing waste and utilizing its products and therefore reduce our dependence on fossil fuels to meet energy needs. There is a need of extensive R&D in this field to make it viable option and also to create awareness through various training programmes and other activities.

Indian Institute of Technology Delhi is engaged in research and development of various aspects of biogas related technologies and its applications. A Biogas purification & Bottling Plant has been designed & developed which is running from last 8-9 years. A car is running on upgraded biogas in IIT Delhi for data base generation and performance evaluation.

This programme aims to bring together the faculties from various institutions who are involved in teaching and research area related to energy, to generate awareness, popularize and promote biogas development. It will be a great opportunity and platform for the participants to explore the biogas as a sustainable source of energy supply and managing their organic wastes. The course aims towards sensitizing teachers of technical institution about sustainable energy supply from organic wastes in economic manner in rural and urban areas.

Objectives

- To create awareness, need and prospects of Biogas technology in India
- To expose latest technological advancement in context of Biogas Production, Enrichment and Bottling
- To demonstrate various models of biogas technologies.

Participation

Indian Institute of Technology, Delhi has great pleasure in inviting faculty members involved in energy related specialisation. This course is sponsored by IIT Delhi TEQIP and it aims to bring together the faculties from various Engineering College/Institutions from northern states of India, who are involved in teaching and
research area related to energy, to generate awareness, popularize and promote biogas development. Candidates are requested to attach one page write up indicating their specific interest in a particular area.

Accommodation

Limited accommodation will be made available in one of the student’s hostels. Please indicate in your application, in case the same is desired. The selected candidates will be paid to & fro AC-3 Train fare by the shortest route as per the rules. The course is planned to be conducted at: Centre for Rural Development and Technology, Indian Institute of Technology-Delhi, Hauz Khas, New Delhi – 110 016.

Eligibility

The teachers of the AICTE approved technical institutions and sponsored by their employer. There is a no registration fee for teachers of technical institutions. Few seats are available for the staff of various other in line departments or industries provided they pay the course fee of Rs. 5000/- besides meeting their own expenses for boarding and TA/DA.

How to Apply

The interested teachers are required to send their own application on the format enclosed. The application should reach on or before 15 April, 2015. Preference will be given to those who are already associated with renewable energy technologies.

Registration

Fill in the enclosed form. The nomination must be duly sponsored by the competent authority and mailed to the coordinator. Last Date: (for applying): 15 April, 2015 Selected candidates will be informed through E.mail.

Biogas Development and Training Centre

Biogas Development and Training Centre (BDTC) started in IIT Delhi in the year 2008 and engaged in research and development of biogas related technologies. It also organizes training courses for developing entrepreneurs and for staff of the state nodal departments and implementing agencies etc. for the state of Uttar Pradesh, Haryana and Delhi.

For any further information, contact

Course Coordinator
Prof. Virendra Kumar Vijay
Centre for Rural Development and Technology
Indian Institute of Technology Delhi
Hauz Khas, New Delhi – 110 016
Tel: 011- 26596351 (O) and 011- 26581687 (R)
Mobile: +91-9871366611
E-mail: bdtc.iitd@gmail.com

Course Co-coordinator
Dr. Ram Chandra
Scientist/DBT-Energy Bioscience Overseas Fellow

Registration Form
Short-term course on Biogas Production, Purification and Power Generation
Under QIP sponsored by TEQIP, IIT Delhi) 18th – 20th May, 2015

Name: .................................................................
Designation: ......................................................
Date of Birth: .....................................................
Qualifications: ....................................................
Experience: ........................................................
Are you a QIP student in IITD? YES / NO
(If YES please give details.)
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Hostel accommodation required? YES/ NO
Address: ............................................................
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Phone: ...............................................................
Email: ............................................................... 
Signature: ........................................................
Ms./Mr./Dr .........................................................
working as ......................................................
in (Dept./Inst) .....................................................
is hereby sponsored to attend the course.
Signature & Seal of the sponsoring authority
Name & Designation: ........................................
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