

# National Training Programme

## Biogas Production, Power Generation and Compressed Biogas Technology

17-19, January 2024

Organized by



**Biogas Development and Training Centre**  
Center for Rural Development and Technology  
Indian Institute of Technology Delhi  
Hauz Khas, New Delhi 110016

Sponsored by



**Ministry of New and Renewable Energy**  
Government of India, New Delhi



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सत्यमेव जयते

Ministry of New and Renewable Energy  
Govt. of India, New Delhi

Organised by



Biogas Training and Development Centre  
(BDTC), IIT Delhi

Prof. V. K. Vijay, Coordinator  
Dr. Pooja Ghosh, Co-coordinator  
Prof. Priyanka Kaushal, Co-coordinator  
Prof. Vivek Kumar, Co-coordinator

o Venue o

Biogas Development and Training Centre  
Center for Rural Development and Technology  
IIT Delhi  
Hauz Khas, New Delhi, India-110016

## INTRODUCTION

Energy is an essential factor in the development of the country. Biogas has proved to be a feasible and sustainable fuel in the physical and socio-economic conditions of India. The rising population and small-scale industries are pushing the use of traditional sources of energy beyond the sustainable generation capacity. Amidst all this, biogas technology has gained popularity in India for its multitudes of benefits. Although biogas is seen as the best alternative rural energy resource, various factors have hindered its spread in both the rural and urban sectors. Technical and informational barriers, lack of technical capacity for construction, maintenance, and absence of state-level call centers/service centers for plant repair (trouble shootings) are major obstructions in the biogas development and dissemination in India.

## BDTC IIT Delhi

The Biogas Development and Training Centre (BDTC) at Indian Institute of Technology Delhi is actively engaged in research and development for various aspects of biogas-related technologies and their applications. A biogas purification and bottling plant with improved design parameters has been designed, fabricated, and implemented at IIT Delhi campus. BDTC is operating a 25 m<sup>3</sup>/day kitchen waste biogas plant and gas is upgraded into compressed biogas (CBG) using IITD-developed Water Scrubbing Technology and filled-in a biogas car. The car has been operating on CBG for the last eleven years.



Biogas production, enrichment and bottling facility at BDTC IIT Delhi



Biogas upgradation system at BDTC IIT Delhi



Car running on compressed biogas at IIT Delhi

## AIM

This programme aims to impart training to govt. functionaries, budding entrepreneurs, supervisors, and consultants to various aspects of biogas technology, the importance of biogas as a fuel, the present status of biogas programmes, interalia details about biogas up-gradation, bottling, power generation, etc. The programme is also intended for field supervisory functionaries involved in the implementation of biogas programmes in India.

## HOW TO APPLY

- To register, fill in the registration form and send the scanned copy of the registration form & e-receipt to [bdtcitd@gmail.com](mailto:bdtcitd@gmail.com)
- Registration can be done through Google Doc form through the link given below (<https://forms.gle/gfDkTqfDCVfpJ9SN9>)
- The registration form and e-receipt should reach on or before **09 January 2024**.
- Preference will be given to those who are already associated and have field experience with biogas technologies

## REGISTRATION FEE

The Participation fee:

Students /Research Scholars/ Academicians	: ₹ 2000 (Two thousand)
Participants from Companies/ Firms/ Industries/ NGOs	: ₹ 5000 (Five Thousand)

Participants are required to pay the fees through online transfer (NEFT/RTGS/UPI) of the requisite amount. Send the payment receipt to email: [bdtcitd@gmail.com](mailto:bdtcitd@gmail.com) OR upload it on Google form if registration is done through Google form.

**All SNAs / Govt. officials of all states are exempted from the registration fees.**

Limited accommodation will be available in IITD Hostels to the participants on a first come first serve basis.

Details for payment through NEFT/RTGS/UPI mode are as follows-

## PAYMENT DETAILS:

Name of Account: IITD (IRD) Delhi  
Bank Account No. 10773572600  
Name of Bank: STATE BANK OF INDIA  
Branch: IIT Delhi  
Branch Code: 1077  
NEFT IFSC Code/RTGS: SBIN0001077  
SWIFT Code: SBININBB547  
MICR code: 110002156

## For any further information, contact:

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17-19, January 2024

Biogas Development and Training Centre  
IIT Delhi

Name: .....

Gender: Male / Female

Profession: .....

Date of Birth: .....

Qualification: .....

Experience: .....

Corresponding Address:  
.....

Phone/Mob No.: .....

E-mail: .....

Details of Payment: NEFT/ RTGS/Other

Rs.: .....,

Date: .....

Signature: .....