



सत्यमेव जयते

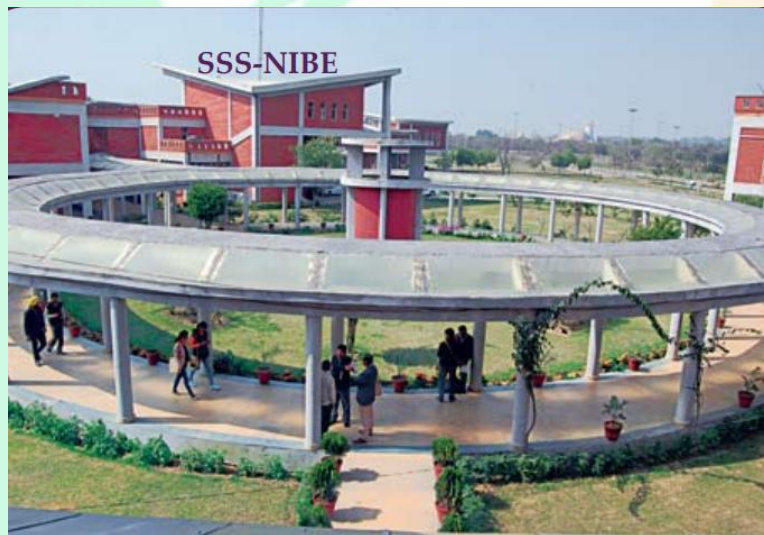
Ministry of New and Renewable Energy
Government of India



National Training Programme on

*Biogas Technology: Demonstration and its
Implementation*

(5th Nov – 8th Nov, 2019)



Organized by

Sardar Swaran Singh National Institute of Bio-Energy,

**(An Autonomous Institution of Ministry of New and Renewable Energy, Govt. of
India)**

Jalandhar-Kapurthala Road, Wadala Kalan

Kapurthala 144601 (Punjab)

About SSS-NIBE

Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE) is an autonomous Institution of the Ministry of New and Renewable Energy, Govt. of India. The vision of the Institute is to carry out state-of-the-art research and development, demonstration, testing and standardization activities, including human resource development at all levels, post-doctoral research and research for wide promotion of bioenergy in the country. SSS-NIBE is located in the state of Punjab on Jalandhar-Kapurthala Road, 18 km away from Jalandhar city towards Kapurthala. The Institute is located in between Punjab Technical University and Pushpa Gujral Science City. Jalandhar city is well connected by airways, railways and roadways with the nearest airport at Adampur and Amritsar.

Background

The Ministry of New and Renewable Energy (MNRE) has been supporting programmes for promoting biogas as a clean fuel for domestic cooking, off-grid and grid power generation and bio-CNG for transport applications. Biogas generation from agriculture waste is also emerging as potential area not only for biogas generation but also as climate change concerns in view of recent environmental risk due to burning of paddy straw in the farms of Haryana and Punjab states. Thus, there is a strong need to take up research and initiatives for technology development and demonstration to integrate biogas generation for various applications and biofertilizer for sustainable energy and agriculture development. Biogas technology development and validation in integrated manner need to be addressed to make the biogas technology as potential source of energy and sustainable agriculture development. The institute is addressing the issues by developing technology and validating it in integrated manner as potential source of energy and for sustainable agriculture development.

Learning Objective

The main objective of the national training programme is to introduce the importance and various applications of biogas, construction and maintenance of biogas plants, lignocellulosic and other waste utilization for biogas production, purification and bottling, off-grid and grid power generation, bio-CNG, financing for industrial projects, and techno-economics for biogas production and its utilization.

Organizing Committee

Chairman: Shri Dinesh Dayanand Jagdale, Director General, SSS-NIBE & Joint Secretary, MNRE

Coordinators: Dr. Anil Kumar Sarma, Director, SSS-NIBE

Dr. Sachin Kumar, Deputy Director, SSS-NIBE

Convener: Dr. Nikhil Gakkhar, Scientist B, SSS-NIBE

Key note lectures

The key note lectures on the relevant topics will be delivered by the invited experts from R&D/Academic/Financing Institutions, Ministry, Industries and Scientists of the institutes.

Themes

- ✓ Applications of biomass and biogas
- ✓ Biogas as Science and Industrial Process
- ✓ Biogas Technology for Commercial Applications
- ✓ Field Experiences/ Success Stories
- ✓ Investment Opportunities
- ✓ MNRE incentives for biogas promotion and policy adoption
- ✓ Plant Visit

During the training programme, focus will be given on combination of lectures and practical sessions, including lab visits. Knowledge sharing with group discussions, interactions with experts, workshops, hands on training, case studies, etc. will be encouraged.

Target Audience

SNDs/SNAs/ BDTCs/ KVIC, Manufacturers of Biogas Plants,

Purification Systems, Engines, Gas Flow Meters, Project Developers, Implementers, Consultants, Faculty, Researchers and students are welcome to participate in the training program. **Only 30 seats are available**, which will be filled on first come first serve basis. **The interested candidates may send their willingness through e-mail.** After confirmation, one need to send duly filled and signed registration form along with prescribed registration fee.

Training Fees (per participant)

| | |
|--|---|
| Students/ Fellows | Rs 5,000.00 (Maximum 10 seats) (plus GST 18%, total = Rs 5900/-) |
| Government organizations/ Academic Institution | Rs 10,000.00 (plus GST 18%, total = Rs 11800/-) |
| Industry Sponsored/ Stakeholders | Rs 15,000.00 (plus GST 18%, total = Rs 17700/-) |

Important Dates

| | |
|---|---|
| Last date of Registration (by email): | October 25, 2019 |
| Last date of receipt of fees (by post): | October 31, 2019 |
| Date of Training: | 5 th Nov – 8 th Nov, 2019 |

Payment Gateway

Participants are requested to make the payment through online mode only (RTGS/NEFT/Net banking):

Account details are as follows:

| | |
|---------------------|--|
| ACCOUNT HOLDER NAME | SARDAR SWARAN SINGH NATIONAL INSTITUTE OF BIO ENERGY |
| ACCOUNT TYPE | SAVING ACCOUNT |
| BANK NAME | UNION BANK OF INDIA, 12, PARAM MARKET, OPP. CIRCUIT HOUSE, CIVIL LINES, GT RAOD, JALANDHAR-144001. |
| MICR CODE | 144026002 |
| ACCOUNT NO | 308302010035555 |
| IFSC Code :- | UBIN 0530832 |

Terms and Conditions for the training programme

- The registration fees is non refundable.
- The registration fee includes access to all the lectures, certification, tea, lunch and dinner, accommodation in the institute guest house and plant visit.
- Accommodation will be on first come first serve basis and subject to the availability.
- Only participants (no accompanied person) will be allowed to stay in hostel.
- No request will be entertain for the stay in hostels before check in time and after check out time.
- No travelling allowance will be paid for reaching the programme venue.
- The participants will have to be regular and punctual.
- Attendance is compulsory and certificate will be issued on successful completion of training programme subject to 100% attendance.
- In the event of any dispute rising, the decision of Director General, SSS-NIBE is final and is binding on the participants

How to apply

The interested candidates may send their willingness through e-mail. After receiving confirmation from the convener, submit your registration form along with the payment details (Attached at Annexure - I) through email (nikhil.mnre@gmail.com) or through courier/speed post to:

**The Director General, Sardar Swaran Singh National Institute of Bio-Energy,
Jalandhar-Kapurthala Road, Wadala Kalan, Kapurthala-144601 (Punjab) India.**

Contact Details

For queries related to training programme, you may contact

a) Dr. Sachin Kumar, Deputy Director, SSS-NIBE

E-mail: sachin.biotech@gmail.com Website: www.nibe.res.in

Phone No. 01822-507415/ 416; 09988864647/ 7009127569 (M); Fax No. 01822-255545

b) Dr. Nikhil Gakkhar, Scientist B, SSS-NIBE

E-mail: nikhil.mnre@gmail.com Website: www.nibe.res.in

Phone No. 01822-507417; 9818834416 (M)



**National Training Programme on
Biogas Technology: Demonstration and its Implementation
from
(5th Nov – 8th Nov, 2019)**

Registration Form

Name of the Participant :

Designation/Affiliation :

Address of the participant :

State :

Pincode :

Email Id :

Contact number :

Area of Work/ Research:

Organization details

Name of the organization :

Address of the organization :

Type of organization (SNDs/SNAs/ BDTCs/ KVIC/Consultancy/Institution/Industry):

Registration fee details:

Demand Draft/ NEFT/IMPS

Amount :

DD No/ NEFT / IMPS Number :

Dated :

Bank Name & Location :

Accommodation Required : Yes/No

Date

Place

Signature of candidate

*Affix a
recent Passport
size photograph
(not older than 3
months)*