

NATIONAL HANDS-ON TRAINING PROGRAMME

ON

Biogas Technology and its Implementation

(Biogas Generation, Enrichment, Design, Operation & Maintenance, and Policy & Financing)

October 17-21, 2022

Organized by



Sardar Swaran Singh National Institute of Bio-Energy

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

Kapurthala, Punjab



About the Institute (SSS-NIBE)	Sardar Swaran Singh National Institute of Bio-Energy is an autonomous Institution of the Ministry of New and Renewable Energy, Govt. of India. The vision of the Institute is to carry out <i>state-of-the-art</i> 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 is well connected both by railways and roadways with the nearest airport at 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 development initiatives for technology development and demonstration to integrate biogas technology for biogas generation and up-gradation for heat and power applications and bio-fertilizer for sustainable energy and agriculture development.
Objectives	The main objective of the national training programme is <ul style="list-style-type: none"> ✓ To create awareness, need and prospects of biogas technology in India. ✓ To introduce the importance of biogas and various aspects of biogas plant design, operation and maintenance. ✓ To enlightens the various factors for bio-methane enhancements, Consortium development. ✓ Utilization of enriched bio-methane of bio-CNG quality and standards for off-grid and grid power generation. ✓ To familiarize with policy making and financing for industrial projects for biogas production and up-gradation ✓ To expose latest technological advancement in context of biogas production, enrichment and bottling.
Organizing Committee	Chairman: Dr. G. Sridhar, Director General, SSS-NIBE Coordinator: Dr. Sachin Kumar, Scientist, SSS-NIBE
Key note lectures	A hand-on training will be provided to the participants about various techniques used for biogas technology, CBG & bioCNG. The experts will be invited from R&D/Academic/Financing Institutions, Ministry and Industries for delivering lecture in the training programme.
Themes	[1] Biogas Process and Design [2] Biogas Operation & Maintenance [3] Biogas Up-gradation and Power Generation [4] Biogas Policy & Financing
Participants	The aim of this programme is to impart training to SNDs/ SNAs/ BDTCS/ KVIC, Manufacturers of Biogas Plants, Purification Systems, Engines, Gas Flow Meters, Project Developers, Implementers, Consultants, Biogas Aspirants and Start-ups, to various aspects of biogas technology like biogas generation, enrichment, design, Operation & Maintenance, and Policy & Financing to familiarize them with the importance of biogas as a fuel and present status of biogas programme, inter-alia details about how biogas is upgraded to CBG & bioCNG. The programme is also intended for field supervisory functionaries involved in the implementation of biogas programmes. The interested candidates may fill the form online with the link https://forms.gle/JwHXqHFKa2ka26FWA or visit the website http://nibe.res.in/event.php
Fee	INR 8,000 + 18% GST (No. of seats: 20 based on first come first serve)
Payment Details	Bank: Canara Bank, NIT Jalandhar Branch A/c Name.: Sardar Swaran Singh National Institute of Bio Energy A/c No.: 2945101004798 IFSC Code: CNRB0002945
Important dates	Submission of application starts: Sep 21, 2022 Registration Ends: Oct 10, 2022 Date of Training: Oct 17-21, 2022
Venue	Sardar Swaran Singh National Institute of Bio-Energy, Jalandhar-Kapurthala Road, Wadala Kalan, Kapurthala-144603 (Punjab) India
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