



सत्यमेव जयते

Ministry of New and Renewable Energy
Government of India



National Workshop on ***Biomass-based Clean Cooking Solutions***

(29th Feb. – 1st March, 2024)



Organized by

Sardar Swaran Singh National Institute of Bio-Energy
(An Autonomous Institution of the
Ministry of New and Renewable Energy, Govt. of India)

12th Km Stone, Wadala Kalan, Kapurthala-144603 (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 Amritsar.

Background

The Ministry of New and Renewable Energy (MNRE) has been supporting programmes for promoting renewable energy with a target of 500 GW power generation by 2030. Trained human resources are therefore inevitably required for all sectors of working including solar, wind, bioenergy, off-grid and grid power generation and biofuels for transport applications. Off grid applications through solar, hybrid systems of wind and biomass, waste for energy are also emerging as potential area not only for energy requirement but also for achieving sustainable development by mitigating climate change. Thus, there is a strong need to take up research and initiatives for technology development and demonstration to integrate renewable energy for various applications and sustainable development. The institute, being a research institute in Bio Energy is addressing the issues by developing technology and validating it in integrated manner as potential source of energy and for sustainable energy.

Learning Objective

There is a global lack of access to clean cooking solutions, and traditional cooking approaches release hazardous pollutants into the environment and endanger the health of billions of people. The objective of this workshop is to highlight the need and relevance of biomass-driven solid, liquid and gaseous fuels-based clean cooking solutions, particularly in the Indian context. Further, the workshop will focus on the health effects of traditional vis-a-vis clean cooking technologies, current cooking scenario in India, improved cookstove designs and carbon credits-based business models for biomass cooking.

Organizing Committee

Chairman : Dr G Sridhar, Director General, SSS-NIBE

Coordinators : Dr. Kunwar, Scientist-C, SSS-NIBE
: Dr. Vandit Vijay, Scientist-C, 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 from all over the nation.

Broad Themes

- ✓ Relevance of combustion for design of biomass-driven solid, liquid and gaseous fuels-based clean cookstoves
- ✓ Current Cooking Scenario in India
- ✓ Need for biomass based clean cooking solutions in India
- ✓ Health effects of traditional biomass cookstoves
- ✓ Carbon credit-based business model for biomass cooking
- ✓ Practical applications of biomass-based cookstoves/combustors
- ✓ Demonstration of solid biomass and biogas-based stoves

The workshop will include lectures, stove demonstration sessions, and lab visit.

Target Audience

The workshop audience will include faculty, researchers, government officials (SNDs/SNAs/BDTCs/KVIC), industry representatives, entrepreneurs, and policymakers in the biomass-based clean cooking sector. **Only 40 seats are available** which will be filled on a first come first serve basis.

Important Dates

Last date of Registration (Online platform): 15th February 2024
Date of Workshop: 29th Feb. – 1st March, 2024

Venue

Sardar Swaran Singh National Institute of Bio-Energy, Jalandhar-Kapurthala Road, Wadala Kalan, Kapurthala-144603 (Punjab) India

Workshop Fees (per participant)

Fee category (including Taxes)*	National (INR) *(GST extra @ 18%)
Students/Research Scholar/Postdoc (UG/PG/PhD/JRF/SRF/RA/PDF/etc.)	2500.00
Academicians/Faculty/Scientist/Govt. Officials/Not for Profit Organisations	5000.00
Industry/Consultants/Corporate sector	7500.00

Accommodation Charges: INR 500.00/- per participant (*Please note that limited shared accommodation is available inside the campus on first-come-first-serve payment basis*).

*Workshop fee includes access to all the sessions, and meals.

How to apply

Applications are invited in **Online Mode** only. Interested candidates need to fill the following Google Form and upload the payment details in the application.

https://docs.google.com/forms/d/1oDNavPU5WbpLD9dTAZW6ioR6OjgsVXLf84g_3xmvr2g/edit

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 RENEWABLE ENERGY (SSS NIRE)
ACCOUNT TYPE	SAVING ACCOUNT
BANK NAME	CANARA BANK, NIT JALANDHAR BRANCH
ACCOUNT NO	2945101004798
IFSC Code :-	CNRB0002390

Terms and Conditions for the workshop

- The registration fee is non-refundable.
- Accommodation will be on a first come first serve basis and subject to availability.
- Only participants (no accompanying person) will be allowed for accommodation and workshop
- No travelling allowance will be paid for reaching the programme venue.
- The participants will have to be regular and punctual during the workshop.
- Attendance is compulsory and certificate will be issued on successful completion of workshop subject to 100% attendance.
- In the event of any disputes arising, the decision of Director General, SSS-NIBE is final and is binding on the participants

Contact Details

For any queries related to the workshop, please contact:

- a) **Dr. Kunwar Pal**, Scientist-C, SSS-NIBE
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Website: <https://www.nibe.res.in/>
- b) **Dr. Vandit Vijay**, Scientist-C, SSS-NIBE
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Phone No. (Office): 01822-507426; (M): 9717509356
Website: <https://www.nibe.res.in/>