

Report on National Symposium on Green Energy Interventions to Support MSMEs in Technology-Deprived Areas.

Date: February 13-14, 2025

Venue: Mahatma Gandhi Institute for Rural Industrialization (MGIRI), Wardha, Maharashtra

Organized by: MGIRI under the Ministry of MSME, Government of India

1. Introduction

The **National Symposium on Green Energy Interventions to Support MSMEs in Technology-Deprived Areas** was successfully conducted on **February 13-14, 2025**, at MGIRI, Wardha. The event aimed to bring together experts, policymakers, and industry leaders to discuss advancements in green energy solutions for **Micro, Small, and Medium Enterprises (MSMEs)**.



The symposium was inaugurated by **Hon. Director of Visvesvaraya National Institute of Technology (VNIT), Nagpur, Dr. P. L. Patel** as the **Chief Guest**, alongside **Dr. Ashutosh A. Murkute, Director of Mahatma Gandhi Institute for Rural Industrialization (MGIRI)**, as the **Guest of Honor**. Several dignitaries and subject matter experts graced the event, contributing to meaningful discussions on sustainable energy solutions.

2. Participation and Contribution



I, **Shankar Kewat**, along with my **DBRT student Yogeshwar Patel**, had the opportunity to attend and participate in this prestigious event. I delivered a **lecture on Solar Dryer** during the **first technical session on February 13, 2025**, under the theme **"Solar Thermal Technologies."**

Additionally, I also shared valuable information about **NARMADALAYA's activities** during my presentation and **distributed brochures** to spread awareness about our organization's initiatives.

I am deeply grateful to **our NGO's secretary, respected Didi Ji**, for giving us this opportunity to attend the event and present our paper.

Key Highlights of My Presentation:

- Explained the **working mechanism** and **efficiency improvements** of **solar dryers**, especially for drying Mirchi (chili).
- Demonstrated how **solar thermal technologies** can **reduce energy costs** and **improve drying efficiency** for small businesses and farmers.
- Discussed **real-world applications** and shared successful case studies of solar dryers implemented in various regions.
- Highlighted the **economic and environmental benefits** of switching to solar drying solutions.
- Link for power point presentation-

https://drive.google.com/file/d/1BkrNKACQHI_UBMbJYBuYAAfPIRMc5c7X/view?usp=sharing

Audience Response & Impact:

- The presentation was well-received, and attendees appreciated the **practical insights** shared.
- **Two people inquired about purchasing the solar dryer**, showing strong interest in adopting the technology.
- The symposium provided an excellent opportunity to **network with researchers, policymakers, and entrepreneurs** working in green energy solutions.



3. Symposium Schedule & Sessions

The event featured multiple technical sessions focusing on different aspects of **green energy solutions** for MSMEs. The key sessions were:

Day 1: February 13, 2025

- **Technical Session 1: Solar Thermal Technologies** (My presentation was included in this session)
- **Technical Session 2: Solar PV Technologies**
- **Technical Session 3: Biomass Technologies**

Day 2: February 14, 2025

- **Technical Session 4: Biogas Technologies**
- **Technical Session 5: Energy Conservation & Energy Efficient Technologies**
- **Technical Session 6: Hybrid Systems**
- **Technical Session 7: Technology Review, Policies, and Brainstorming**

The event concluded with a **panel discussion and networking session**, allowing participants to discuss challenges and opportunities in adopting green energy technologies for MSMEs.

4. Publication of My Article

I am honored that my article on **Solar Thermal Technologies** has been **accepted for publication in the symposium souvenir**. This is a significant recognition of the work and research I have been doing in this field.

5. Acknowledgment

I extend my **heartfelt gratitude** to the organizers of the symposium, especially:

- **The Director of MGIRI, Wardha**
- **Dr. Deep Varma Sir**
- **Dr. Sandeep Joshi Sir**
- **Our NGO's secretary, respected Didi Ji, for providing this wonderful opportunity**
- **All the esteemed dignitaries and experts who contributed to making this event a great success.**

This symposium was a **valuable experience**, providing me with a platform to **share knowledge, build connections, and explore new opportunities in green energy technologies**.

6. Conclusion

Attending this event was a **remarkable opportunity** for me and my student. Presenting our work on **solar dryers** allowed us to showcase how **green energy interventions** can support **MSMEs in technology-deprived areas**. The positive feedback and inquiries about the dryer reinforced the importance of promoting sustainable technologies.

I look forward to continuing my work in this field and collaborating with experts and organizations to drive green energy solutions for a sustainable future.

