

Technology Demonstration for Rural Entrepreneurship: UBA-CSIR-VIBHA initiative.

A set of CSIR Technologies demonstration for rural development.



Fig 1.1: Webinar - cum - Demonstration of shortlisted CSIR Technologies at IIT Delhi.

IIT Delhi, the National Coordinating Institute (NCI) for Unnat Bharat Abhiyan (UBA), organized a meeting for Technology Demonstration for Rural Entrepreneurship: a UBA-CSIR-VIBHA initiative held through the Virtual (Cisco Webex) platform and offline mode at IRD Conference Room, IIT Delhi on 19th March 2021.

The purpose of CSIR, UBA & VIBHA intends to work together on a framework for scientific intervention to create sustainable livelihood opportunities in the rural sector.

The Webinar attended by Dr. Ranjana Aggarwal (Director of CSIR- NISTADS, New Delhi), Shri Jayant Sahasrabudhe (National Organising Secretary, VIBHA), Prof. Arun Kumar Sarma (DG, NECTAR), Prof. V.K. Vijay (National Coordinator, UBA), Dr. Omkar Rai (Director General, STPI), Prof. Vivek Kumar (UBA Coordinator), Prof. Priyanka Kaushal (Co-PI, UBA, IIT Delhi) & Various stakeholders including science experts, field experts, Regional Coordinating Institutes and Participating Institutes from Delhi, NCR region.

List of CSIR Technology Demonstrated for Rural Entrepreneurship:

- **Improved Jaggery Making Plant "Gur Bhatti"** by Dr. Pankaj Arya, CSIR-Indian Institute of Petroleum (IIP), Dehradun.

- **Process for making biodegradable plates, cups and cutlerys from agricultural residues/waste** by Dr. Anjineyulu Kothakota, CSIR-NIIST, Thiruvananthapura.
- **Sericulture** by Dr. Sunil Misra, CSIR-IICT, Telangana.
- **Vitamin D2-enriched Shiitake mushroom production and processing** by Dr. Rakshak Kumkar, CSIR-IHBT, Palampur.
- **Application for supply chain and freight transportation management system for farmers** by Ms Farhat Azad, CSIR-NISTADS, New Delhi.



Webinar-Cum-Video Demonstration of the Technologies



Biodegradable products like from Agro-waste/residues



Improved Jaggery Making Plant "Gur Bhatti"

Pankaj Kumar Arya
(Senior Scientist)

CSIR-Indian Institute of Petroleum



Fig 1.2: Improved Jaggery Making Plant "Gur Bhatti"

Fig 1.3: Process for making biodegradable plates, cups and cutlerys from agricultural residues/waste



Trainings and live demonstration during rearing of Tasar culture at different places of Telangana state (DST and CSIR Sponsored)

Fig 1.4: Sericulture



Other value added products like *shiitake*- soup, chocolates, energy drinks and candies have been developed.

Fig 1.5: Vitamin D2-enriched Shiitake mushroom production and processing



Fig 1.6: Application for supply chain and freight transportation management system for farmers

LINKS:

- KISAN SABHA APP: [Click here to download](#)
- YouTube: <https://youtu.be/ZSHDYD9h4PY>