

# **Innovation and Incubation Centre**

Shri Guru Ram Rai University

Dehradun, Uttarakhand

**21th to 23rd December 2023**

**Workshop on: Innovative design, Start-up skill, attitude and behaviour development.**

Dr Dwarika P Maithani  
Director: IIC

## **About the Workshop**

From the 21st to the 23rd of December 2023, we organized a workshop with Dr. Ashok Kumar Sahani, Scientist E at the Center for Socio-Economic Development and In Charge of the Rural Technology Center at G.B. Pant National Institute of Himalayan Environment (Government of India), Dr. Anil Kumar Joshi, an expert in the field of process innovation and enterprise development, and Dr. Manwendra Bartwal, Assistant Professor of Anthropology at Doon University. Dr. Sahani explained to incubates how to plan for a startup using available natural resources for rural entrepreneurship. The workshop was engaging and focused on the development of entrepreneurship using simple and low-cost rural technology. Dr. Sahani explained their innovative designs such as bags, envelopes, and file covers made from pine leaves, which are currently in demand in our hilly areas due to forest fires. Additionally, he discussed their coal products that burn without releasing carbon dioxide. Dr. Sahani explained how incubates can develop their startup and entrepreneurial skills, attitudes, and behaviors. Dr. Joshi discussed natural resource management through watershed development, renewable energy project management, science communication, biodiversity, and forest conservation. He has previously worked with UNIDO, GIZ, UN, World Bank, and other international agencies. Dr. Bartwal explained anthropology in terms of startup attitude and behavior development.

## Glimpse of Workshop:





 **GPS Map Camera**



**Dehradun, Uttarakhand, India**  
11, near GRD Academy, Chamanpuri, Niranjapur, Dehradun, Uttarakhand 248001, India  
Lat 30.305235°  
Long 78.016489°  
21/12/23 12:22 PM GMT +05:30



 **GPS Map Camera**



**Dehradun, Uttarakhand, India**  
11, near GRD Academy, Chamanpuri, Niranjapur, Dehradun, Uttarakhand 248001, India  
Lat 30.305168°  
Long 78.016479°  
22/12/23 11:51 AM GMT +05:30



 **GPS Map Camera**



**Dehradun, Uttarakhand, India**  
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Uttarakhand 248001, India  
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Long 78.016595°  
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**Dehradun, Uttarakhand, India**  
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248001, India  
Lat 30.305235°  
Long 78.016552°  
22/12/23 12:36 PM GMT +05:30



 **GPS Map Camera**

**Dehradun, Uttarakhand, India**

11, near GRD Academy, Chamanpuri, Niranjanpur, Dehradun, Uttarakhand  
248001, India

Lat 30.305287°


Long 78.016589°

22/12/23 12:30 PM GMT +05:30



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 **GPS Map Camera**

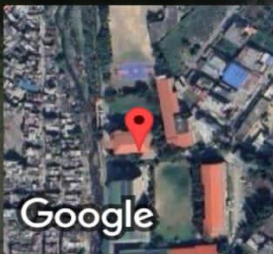
**Dehradun, Uttarakhand, India**

11, near GRD Academy, Chamanpuri, Niranjanpur, Dehradun, Uttarakhand  
248001, India

Lat 30.305259°

Long 78.016528°

22/12/23 01:03 PM GMT +05:30



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## Glimpse of innovative design and products:

**Rag Chopper**  
रेग चीपर

**Hammering Machine**  
हैमरिंग मशीन

**Digester**  
डाइजेस्टर

**Beater**  
बीटर

**Auto Vet**  
ऑटो वेट

**Hydraulic Press**  
हाइड्रोलिक प्रेस

**Screw Press**  
स्कू प्रेस

**Calendaring Machine**  
कैलेंडरिंग मशीन

**Paper Cutter**  
पेपर कटर

**चीड़ पाइन प्रसंस्करण इकाई में कागज बनाने में प्रयुक्त विभिन्न मशीनें**  
**Various Machines Used in Making Paper at Pine Processing Unit**

**ग्रामीण तकनीकी परिसर (आरटीसी), पर्यावरण संस्थान, कोशी, अल्मोड़ा में चीड़ पाइन प्रसंस्करण इकाई का आंतरिक दृश्य**  
**Internal View of Pine Processing Unit at RTC, GBPNiHE, Kosi-Almora**



चीड़ पाइन प्रसंस्करण इकाई में पिरुल द्वारा बने विभिन्न उत्पाद  
**Various Products Made of Pirul at Pine Processing Unit**

