



DESIGN INNOVATION
CENTRE

नवोन्मेष

NEWSLETTER



IIT ROORKEE

March 2024 | Volume 1 | Issue 4



The Design Innovation Center at IIT Roorkee sincerely appreciates the invaluable cooperation of all stakeholders, which has resulted in significant achievements, including the submission of 9 Indian Patent disclosures for product development. Additionally, we have successfully trained 2,563 students and introduced two Master's Degree programs and a PhD program. The first batch of students has graduated with an impressive placement record, and we now have a total of 65 students. Moreover, we feel happy to share that admissions to B.Des. program are starting from the academic year 2024-25.

We would like to emphasize our unwavering commitment towards achieving excellence and making a positive impact on society in the days ahead. We are dedicated to working even harder in pursuit of our mission.

Prof. Inderdeep Singh, Coordinator, DIC, IIT Roorkee

DIC Supports



Technology



Innovation



Practical Training



Financial Support

>>> EVENTS



MSME Innovative (Design) Scheme Awareness Programme

January 04, 2024

- Industry-Academia Interface, Sponsored by MSME
- Supported by Design Innovation Center, IIT Roorkee and Bhagwanpur Industries Association, Bhagwanpur
- Participants included Local MSME around Bhagwanpur, Uttarakhand

Guest Lecture on 'Creative Inquiry to Sustainable Impact in Design'

January 11, 2024

- Guest lecture by Prof. Khanjan Mehta from Lehigh University, United States
- Organized by Design Innovation Center in association with Dept. of Design, IIT Roorkee
- Participants included students and faculty from Dept. of Design



Students' Visit from JBIT, Dehradun to DIC, IIT Roorkee

February 05, 2024

- Organized by Office of Associate Dean Corporate Interaction (ADCI), IIT Roorkee
- Objective: To provide them with an experience of different activities and infrastructure at DIC, IIT Roorkee which may facilitate them in exploring the academic excellence

Two Days Workshop on 'Modern, Cleaner, Leaner & Greener Manufacturing'

February 07-08, 2024

- Organized by the Design Innovation Center, IIT Roorkee in collaboration with Shivalik College of Engineering, Dehradun
- Participants included 196 B.Tech. students of the respective college



>>> EVENTS



Workshop on '2nd Insights of Innovation: Strengthening Value Chains with Innovation Management'

February 09- 10, 2024

- Experts from various industries like Boston Consulting Group, Amdocs, T-Hub, Godrej etc. discussed their views and experiences on innovation.
- Participants included Faculty Advisors and students from M.Des., MIM and PhD programs.

Project Assessment Panel (PAP) meeting - II

February 15, 2024

- To review the project proposals received under MSME Design (Innovative) Scheme of the Ministry of MSME, GOI
- Participants included AROSUN PAINTS AND COATING INDIA and EWITH, along with Experts of Project Assessment Panel from IIT Roorkee and Industries



Workshop on 'Iteration Design: Ideation'

February 16-18, 2024

- 3 days Workshop conducted by Mr. Chirapriya Mondal, Principal UX Designer, Ultimate Kronos Group
- The focus is to improve user experience by user research and analysis
- Participants included students from M.Des. and Ph.D. programs

MSME Innovative (Design) Scheme Awareness Programme

March 02, 2024

- Industry-Academia Interface, Sponsored by MSME
- Supported by Design Innovation Center, IIT Roorkee and Roorkee Small Scale Industrial Association (RSSIA), Roorkee
- Participants included local MSMEs around Roorkee





DESIGN INNOVATION
CENTRE



IIT ROORKEE

D.I.C. Ph.D. Fellows



Tejas Pramod Naik
(2018 - Till date)

Research Area

Microwave processing of sustainable natural fiber reinforced thermoplastic composites



Aranya Gupta
(2019 - Till date)

Research Area

Design, Analysis and implementation of Physical Unclonable Functions



Arun Sharma
(June 2023 - Till date)

Research Area

Additive Manufacturing, Hybrid Manufacturing, Product Design



Arjun Kapoor
(June 2023 - Till date)

Research Area

Product Design, Ergonomics, Technology for Resource Constrained Society



Newsletter Team

Prof. Inderdeep Singh

Coordinator, DIC

dic-iitr@iitr.ac.in

<https://www.iitr.ac.in/dic/>

Mr. Vishal Sharma

Project Officer (Liaison and Accounts)

Mr. Rachit Birla

Project Officer (Technical & Outreach)

Mr. Arya Yudhveer Singh

Project Officer (Design/Technical)

DIC PhD Fellows

Mr. Tejas Naik

Mr. Aranya Gupta

Mr. Arun Sharma

Mr. Arjun Kapoor