



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION

National Initiative for Design Innovation (NIDI)

Innovation Idea Hackathon – 2026

Design for Sustainable, Smart and Healthy India

Participate in a collaborative environment at the Design Innovation Center-RU, where you're encouraged to innovate and turn ideas into prototypes that contribute to a sustainable future for India.

Why Participate?

- Grant/Funding support for selected ideas
- Mentorship by experts
- Prototype development support / lab access
- Incubation opportunity at DIC-RU



Symposium on Innovative Design Solutions for Smarter, Healthier, and Sustainable India

An Expert Guidance Lecture & Open House Session
31st January 2026 10:00 AM
at CCT, University of Rajasthan, Jaipur

Who Can Attend and Participate?

- UG / PG / PhD Students
- Interdisciplinary Teams
- Freelancers/Innovators
- UoR Faculty Members

Don't miss the chance to collaborate with DIC-RU and transform your ideas into impactful innovations today!

Register Now

Registration Free but Mandatory
Scan the QR code

or go to - <https://forms.gle/v8qNvi3UKqmgMKVaA>

Join us in shaping innovations
that impact society and the environment!

Last Date: 29 January 2026



Design Innovation Center (DIC)-RU
Centre for Converging Technologies (CCT)
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Innovation Idea Hackathon – 2026

“Design for Sustainable, Smart and Healthy India”

Design Innovation Center-RU (DIC-RU), CCT, University of Rajasthan, Jaipur

ABOUT THE HACKATHON

The **Innovation Idea Hackathon** is a flagship initiative of the Design Innovation Center (DIC-RU), University of Rajasthan, Jaipur, as part of the national movement to promote **design-led innovations** under NIDI Scheme. The Hackathon aims to provide students and young innovators a structured platform to transform ideas of product innovation, design thinking, and creativity to build functional prototypes or practical, scalable, and socially relevant solutions to specific real world problem statements.

OBJECTIVES

- Encourage innovation and creative problem-solving through design thinking
- Promote interdisciplinary collaboration among students
- Support idea-to-prototype development
- Create solutions with social, economic, and environmental impact
- Strengthen the local-to-national innovation ecosystem

HACKATHON THEME

“Design for Sustainable, Smart and Healthy India”

The theme encourages participants to develop innovative design solutions that address real-world challenges using creativity, technology, sustainability, and user-centric approaches.

FOCUS AREAS

- *Smart Food & Nutrition: Sustainable Food Innovation*
- *Healthcare Solutions & Digital Health Design*
- *Assistive Technology & Inclusive Innovation*
- *Advanced Product Design & Materials*
- *Sustainable & Grand Challenge Themes*

REGISTRATION LINK

<https://forms.gle/v8qNvi3UKqmgMKVaA>

Participants may submit ideas under one or more of the following areas:

- 1. Smart Food & Innovation: Sustainable Food Innovation**
 - Functional and therapeutic food products
 - Smart and active food packaging
 - Sustainable food processing and waste minimization
 - Plant-based and alternative protein technologies
- 2. Healthcare Solutions & Digital Health Design**
 - Affordable devices, assistive tools, mental health solutions
 - Remote patient monitoring systems
 - Wearable healthcare devices and sensors
 - Telemedicine and mobile health applications
- 3. Assistive Technology & Inclusive Innovation**
 - Soft computing approaches for biomechanical design
 - Low-cost rehabilitation and mobility aids
 - Human-machine interaction in assistive healthcare
 - Preventive healthcare and wellness technologies

4. Advanced Product Design & Materials

- Sustainable materials for inclusive development
- Waste management, eco-friendly packaging, renewable solutions
- Smart and adaptive materials for assistive devices
- Use of technologies like AI, Machine Learning, IoT, blockchain, & data analytics to build scalable solutions

5. Sustainable & Grand Challenge Themes

- AI + Healthcare + Materials
- Smart Wearables for Preventive Healthcare
- RF-enabled Medical Diagnostics
- Sustainable Medical Devices & Packaging

PROBLEM STATEMENT Participants are expected to identify a real-world problem and propose a **design-driven innovative solution** that is: • User-focused and need-based • Feasible and scalable, and • Socially and environmentally responsible

EXPECTED OUTCOME

- Working prototypes / simulations
- Scalable healthcare solutions
- Industry and societal impact models
- Startup and patent-ready ideas

WHO CAN PARTICIPATE

- UG / PG / PhD Students/Any Innovator as Individual
- Interdisciplinary Teams (Engineering, Pharmacy, Science, Design)

TOOLS & TECHNOLOGIES • Innovative Food • Plant Products • Smart Materials • AI/ML • IoT • RF Systems • CAD/CAE • Soft Computing • Bioinformatics

EVALUATION CRITERIA

- Innovation
- Application of design thinking
- Feasibility and scalability
- Social, economic, and environmental impact
- Quality of presentation and clarity of concept

MENTORSHIP & SUPPORT

- Expert mentoring in design, innovation, and entrepreneurship
- Guidance on concept development, prototyping, and pitching
- Access to design tools, labs, and innovation frameworks (as applicable)

IMPACT & OPPORTUNITIES

- **Selected Ideas will be called for presentation (date to be notified later)** and will receive Recognition and Awards
- **Financial Assistance** : Selected ideas will receive **non-equity-based grant funding**
- Opportunity for incubation at the Design Innovation Center-RU
- Support for prototype development and startup guidance
- **Mentorship from Industry Leaders & guidance from domain experts**
- **National Visibility**: Finalists and winners will be featured in national-level exhibitions, investor pitch sessions, and startup events organized by DIC / NIDI / MoE, etc.

Organized by:

Design Innovation Center-RU (DIC-RU), University of Rajasthan, Jaipur

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