# MSME IDEA HACKATHON 5.0

## ----- Smart and Sustainable MSMEs -----

- Low-Carbon Footprint Solutions/Technologies
- Stealth, Surveillance, and Cyber Defense Technologies
- Innovation in Adoption of Industry 4.0 & 5.0 in MSME Ecosystem
- Innovation for Business Upliftment and Sustainability in Coastal and Hilly areas
- Smart and Resilient Supply Chains

For ages 18 to 60 years as on 27.06.2025

# MSME IDEA Hackathon 5.0

**Hosted By**

**NRIT** | **NETRARIT Foundation (NRiT)** Technology Business Incubator

RIT RAJARAMBAPU INSTITUTE OF TECHNOLOGY

**Supported By**

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

महाराष्ट्र शासन Maharashtra State Innovation Society

विज्ञान एवं प्रौद्योगिकी विभाग DEPARTMENT OF SCIENCE & TECHNOLOGY

DST NIDHI START TO SCALE STARTUP SUPPORT

MSME Ministry of Micro, Small and Medium Enterprises, Government of India

सारथी

Incubatee Name:

Category of the Incubatee: MSME/ Student/ Others

Title of proposed idea/innovation:

Whether the idea involves use of existing intellectual property or not, give brief detail.

**Name and details of Mentors:**

**Experience and Qualification of Mentors:**

**Contact Details of Mentors:**

**Current Development Status of innovation:**

**Expected time of completion of idea:**

**Financial requirements (Amount in Lakh Rs.)**

1. Technology related Expenditure towards machine usage charges etc., Electricity charges, Procurement of raw material, testing/Calibration charges, other charges essential for development of idea
**(Max. Rs. 10.00 lakh support through MSME HACKATHON 5.0)**

2. Charges for mentor/handholding supporting team
**(Max. Rs. 3.00 lakh support through MSME HACKATHON 5.0)**

3. Travelling Expenses or any other item not covered as above may be allowed as per need for development of the idea
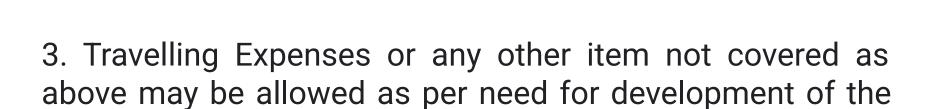**(Max. Rs. 2.00 lakh support through MSME HACKATHON 5.0)**


TOTAL Financial requirements
**(Amount in Lakh Rs.)(Max. Rs. 15.00 lakh support through MSME HACKATHON 5.0)**

**Please give Name of other Students/Entrepreneurs associated with this project/idea:**

Hosted By

Supported By

NETRARIT Foundation (NRiT)
Technology Business Incubator

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

Maharashtra State Innovation Society

विज्ञान एवं प्रौद्योगिकी विभाग DEPARTMENT OF SCIENCE & TECHNOLOGY

DST NIDHI START TO SCALE STARTUP SUPPORT

MSME

**Summary of the idea.**
**This is the section reviewers read to understand the technical solution. Please state the solution clearly. Reviewers may ask: What is the actual technical advancement or improvement provided by this solution?**

**Is it a new concept?**

**Prior art on the concept, if any**

## What is the Main Problem Being Addressed in the Project?


### Who is it for?


### What will it do?

**NRiT** | **NETRARIT Foundation (NRiT)**
Technology Business Incubator

Hosted By

Supported By

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

Maharashtra State Innovation Society

विज्ञान एवं प्रौद्योगिकी विभाग DEPARTMENT OF SCIENCE & TECHNOLOGY

DST NIDHI

MSME

**Any unique features? Explain?**

**How simple or complex will the idea's execution or implementation be? What are the risk factors involved in executing the idea?**

**How soon could the idea be put into operation? (TRL of prototype)**

How much investment would you need for prototyping of the Idea?

How do you intend to protect your idea (i.e. your intellectual property or IP)? Status of IPR (If any)

How soon could the idea be put into operation? (TRL of prototype)

This section is used to highlight information that can be used by the reviewers or patent attorney to help put the solution in proper context. You can think of this section as something similar to the introduction section of an academic publication. This section is specifically reserved for other people's work (please include competitive work) as well as your past work that you believe will aid the reviewers in understanding the technical landscape. Data related to or supporting your solution should not be in this section.

"How is this Solution Made and Used."

**Hosted By**

**Supported By**

NRIT | NETRARIT Foundation (NRiT) Technology Business Incubator

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

Maharashtra State Innovation Society

DEPARTMENT OF SCIENCE & TECHNOLOGY

DST NIDHI

MSME

**How is this project made and used:**

**Please describe in as much detail as possible how the innovation is implemented. This includes details on how you actually make, assemble, synthesize, or build the solution and details on how the solution is used once it is made. Reviewers will ask: How does the technical innovation actually work – or – what is the detailed process to achieve the technical innovation? Please help convince the reviewers with supporting statements using as much of the following that is available: your thoughts, logic, supporting literature, and/or experiments.**