



Ministry of Electronics & Information Technology,
Government of India

INUP-i2i

Indian Nanoelectronics Users' Programme - Idea to Innovation
A Project of MeitY, Govt. of India



INUP- i2i invites applications for participating in a contest on innovative nanoelectronics - based device fabrication targeting technologies at affordable costs addressing societal needs.



NANOTECH HACKATHON

Innovative solutions for societal problems through nanotechnology...

2024

<http://www.inup.iitb.ac.in/hackathon/>

GUIDELINES

- ✓ Proposal submission can be done by a single participant or a group of 2-3 team members.
- ✓ For detailed guidelines on registration and proposal submission visit: <http://www.inup.iitb.ac.in/hackathon/>

SUPPORT FROM INUP-i2i

- Infrastructure & technical support,
- Connect with startups and incubators
- Facilities for packaging and prototype testing
- Large scale prototyping
- Technical mentoring

ELIGIBILITY

- ✓ Minimum 18 years as on 31-12-2023. No upper age limit.
- ✓ Applicant should be from academia [either faculty/registered student(s)].

ORGANIZERS

Prof. Saurabh Lodha,
Prof. Swaroop Ganguly,

Chief Investigator – INUP-i2i,
Department of Electrical Engineering,
IIT Bombay, Powai,
Mumbai– 400 076.

Important Dates

23rd December 2023

SUBMISSION DEADLINE

30th December 2023

DECLARATION OF RESULTS



CONTACT



INUP-i2i Team
IIT Bombay

Nanofabrication Facility,
Department of Electrical Engineering,
Annex

PHONE: 022 25763552

Email:
i) inuphackathon@ee.iitb.ac.in,
ii) nanotech.hackathon.inup2iitb@gmail.com

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Why Hackathon...??

India can play a substantial role in the field of nano electronics through cost effective innovation enabling products and services for societal needs that are affordable and of high quality.

In continuation with the success of 'Nanotech Hackathon 2018-19' conducted at IITB, INUP- i2i invites applications to participate in the country's first open access nanotechnology platform to develop solutions for the challenges faced by the nation, and thus inculcate a culture of product innovation and a mindset of problem-solving.

The infographic features a central globe with 'INUP-i2i' written on it, surrounded by icons for various sectors: TRANSPORT (truck), SECURITY (shield), HEALTHCARE (doctor), ENERGY (solar panel), AGRICULTURE (tractor), ENVIRONMENT (tree), EDUCATION (classroom), and DEFENCE (soldier). The word 'IDEA' is written in large letters, and 'INNOVATION' is written in large letters with an upward arrow. The background is filled with gears and circuit-like patterns.

These grand challenges are mainly in the areas listed below. For more research areas/ideas please visit <https://innovateindia.mygov.in/csr-societal-platform/>