

Inter-Institutional Idea Competition
(IIC'23)

iDEAtHON

3rd - 5th February 2023



Organized by:

Institution's Innovation Council (IIC) and Yukti 2.0

**Dr B. R. Ambedkar National Institute of
Technology Jalandhar**

**Grand Trunk Road, Amritsar Bypass,
Jalandhar, Punjab 144027
Venue: IT Park, NIT Jalandhar**

ABOUT NIT JALANDHAR

Dr B. R. Ambedkar National Institute of Technology was established in the year 1987 as Regional Engineering College and was given the status of National Institute of Technology (Deemed University) by the Government of India on October 17, 2002 under the aegis of Ministry of Human Resource Development, New Delhi. Now the Ministry of Human Resource Development, Government of India

has declared the Institute as an “Institute of National Importance” under the act of Parliament-2007. A large number of reputed industrial houses in the country visit the institution and select the final year students as Engineers/ Management Trainees. As one of the National Institutes of Technology (NIT), the institute has the responsibility of providing high quality education in Engineering, Technology and Sciences to produce competent technical and scientific manpower for the country. The institute offers B. Tech., M. Tech., MSc, MBA and Ph.D. programme in several disciplines of Engineering, Technology and Sciences.

For more info: <http://www.nitj.ac.in>

**ABOUT THE INSTITUTION'S INNOVATION
COUNCIL (IIC)**

Ministry of Education (MoE), Govt. of India has established ‘MoE’s Innovation Cell (MIC)’ to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. MIC has envisioned encouraging creation of ‘Institution’s Innovation Council (IICs)’ across selected HEIs. A network of these IICs will be established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses.

ABOUT THE YUKTI 2.0

YUKTI – National Innovation Repository (NIR) is an initiative of the Ministry of Education (MoE) Government of India and it is implemented by MoE’s Innovation Cell and AICTE to build a system of repository of ideas, innovations and startups developed in academic institutions and enabling institutions to systematically foster the I&E culture by managing and nurturing these innovations by offering continuous support in terms of one-to-one mentorship, grant assistance, referral and linkage with incubation units, connecting with Angel/Venture Capital (VC) investors network, knowledge agencies, etc.

ABOUT THE IDEATHON

An Inter-Institutional Idea Competition (IIC'23) is mandatory for students to actively participate for providing the solution of current Real-time Problems. The event motivates the students to provide out of the box and novel solutions to the basic problems. Thus the aim of this Inter-Institutional idea competition is to bring all the students to a single exploring platform (for Software and Hardware edition) as per the guidelines provided by the IIC. In the event, the best young and creative brains would participate to wrestle with new ideas to deal with emerging issues and provide serendipitous solutions. The top two ideas will be rewarded. Further, a few recommended ideas will be called for a poster presentation and mentorship

program in the next round that will be held from 10th to 12th February 2023.

PATRON

Prof. (Dr.) Binod Kumar Kanaujia
Director, NIT Jalandhar

CHAIRMAN

Dr. J N Chakraborty
Dean Research and Consultancy
Professor, Textile Technology
Dr B R Ambedkar NIT Jalandhar

ADVISORY COMMITTEE

All IIC Faculty Office Bearers

CONVENER

Dr. B. S. Saini
President, IIC
Professor, ECE, NIT Jalandhar
Dr. T. Srinivas
Vice-President, IIC
Assoc. Professor, ME, NIT Jalandhar
Dr. Ajay Gupta
Assoc. Professor, IPE, NIT Jalandhar

COORDINATORS

Dr. Kunwar Pal,
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Dept. of Computer Science & Engineering,
Dr B R Ambedkar NIT Jalandhar
Mr. Shibananda Dash
CEO, TBI

ORGANISING COMMITTEE

Manpreet Kaur, Tanish Jindal, Namit Singla, Yashneet Vinayak, Yash Bhatia, Maurya Sharma, Priyanshi, Nikhil Goyal,

IIC Student Team
(B. Tech, Students)

THEMES OF THE COMPETITION (BUT ARE NOT LIMITED TO)

Agriculture & Rural Development, Clean & Potable water, Consumer Goods and Retail, Defense & Security, Education, Fashion and Textiles, Finance Life Sciences, Food Processing/Nutrition/Biotech, Healthcare & Biomedical devices, ICT, cyber-physical systems, Blockchain, Cognitive computing, Cloud computing, AI & ML, Infrastructure IoT based technologies (e.g. Security & Surveillance systems etc), Manufacturing, Mining, Metals, Materials, Other Emerging areas Innovation for Startup, Renewable and affordable Energy, Robotics and Drones, Smart Cities, Smart Education, Smart Textiles, Smart Vehicles/ Electric vehicle/ Electric vehicle motor and battery technology, Software - Mobile App Development, Software - Web App Development, Sustainable Environment, Travel & Tourism, Waste Management/Waste to Wealth Creation.

PROCEDURE TO PARTICIPATE

- Register through the QR code using a valid email ID.
- Submitted ideas will be screened by the experts and distributed into two groups.
- Selected ideas will be called for presentation/participation in different groups.

- The top two ideas will be awarded by NIT Jalandhar.

IMPORTANT DATES

Date of Registration (Open)	29th January 2023
Date of Registration (Close)	2nd February 2023
Duration	3rd to 5th February 2023 (03 days)

AWARDS

The top two ideas will be rewarded

1st Prize – Rs. 7000

2nd Prize – Rs. 3000

(Awards to be given either in cash or goodies.)

HOW TO APPLY

Registration can be done using the following QR Code



Expected Participants: Under Graduates/ Post Graduates/ Ph.D./ Staffs/ Faculties

Registration fees: No Fees

Certificate of participation will be provided online.

For any query, contact:

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