



SynTech-X '24 - 25'



UNDER THE AEGIS OF IIC

PRESENTS

SYNTECHXATHON 5.0

"Where ideas become reality"

**Entry Fees
Only ₹100**



**IDEA SUBMISSION
DATE TILL 26 JAN 2025**



**REGISTER
NOW!**



2 - 5 Members



3RD AND 4TH OF FEB

TECHNOLOGY

- IOT
- SMART AUTOMATION
- BLOCKCHAIN
- CYBERSECURITY
- ARTIFICIAL INTELLIGENCE
- MACHINE LEARNING

THEMES

- GENERATIVE AI
- AGRICULTURE & RURAL DEVELOPMENT
- HEALTH & WELLNESS
- TECHNOLOGY & INNOVATION
- TRAVEL & TOURISM
- ENTERTAINMENT & LEISURE
- CULTURAL & HERITAGE

TIMELINE

- **ROUND 1 : IDEA SUBMISSION**
(LAST DATE 26TH JAN 2025)
- **ROUND 2 : IMPLEMENTATION**
(3RD FEB 2025)
- **ROUND 3 : JUDGING**
(4TH FEB 2025)

**First Prize
₹10,000**

**Second Prize
₹5,000**

**Qualified Teams
₹500 each***

FOR FURTHER DETAILS CONTACT OR SCAN QR:

Ms. Sheetal Joshi
+91 76205 03652

Ms. Mousumi Swain
+91 90047 88190

{SynTech-X} '24 - 25'

ABOUT

{SynTech-X}, an Intercollegiate Computer Science Festival, is a pool of technical, non-technical, sports, and cultural events for all those who are extremely passionate about ever-emerging computer technologies. It provides a platform for students to showcase their technical skills as well as all their other talents, and explores the practical dimensions of the knowledge imparted on them through the curriculum. These are then applied through a number of activities, perfectly blended with entertainment and technology.

{SynTech-X}, a blend of traditional ideology and modern technologies, provides an opportunity to the passionate minds to inculcate skills of calculated risk and also of learning to think on ones feet. Our ultimate goal is to highlight the known, as well as some relatively unknown fields in which the presence of computers or computing, in general, has made an immensely positive difference.

With years of hard work, learning, and making tons of errors {SynTech-X} has come a long way and has witnessed a lot of growth and success. {SynTech-X} IS 12 YEARS OLD, it brings every member of the fest so much pride and joy that our fest has achieved such a milestone it sure is a small one but it is for sure one of the most prominent stages in our journey. We are looking forward to making this year a blast and a huge success.

ABOUT IIC

During the challenging times of the Covid-19 lockdown, Dr. Neha Jagtiani, the Principal of the college proposed the establishment of the Vidyasagar Principal Kundnani Innovation and Entrepreneurship Centre (VPKIEC) at R.D. National College. The centre shall function within the existing framework of the 'Innovation Cell' by the Ministry of Human Resource Development, Government of India. The goal of The Institute's Innovation Council is to provide various skill-oriented programs and certified courses to students & staff relevant to innovation in order to tackle societal and consumer challenges. The Institute's Innovation Council has been operational for 3 years and has secured 2 stars, 5 stars and 3.5(out of 4) stars in the years 2018-19, 2019-20, and 2020-21 respectively. Based on the performance of The Institute's Innovation Council 3.0, the college was also selected as the Mentor institute for 5 Mentee colleges and was sanctioned a grant of 2.25 lacs by the MIC to conduct the scheme.

ABOUT THE DEPARTMENT

The Department of Computer Science was established in the year 1999-2000 when the course (B.Sc. Computer Science) was introduced by the University of Mumbai. Since its inception, the Department has grown in strength and in 2005 initiated the M.Sc. Computer Science course as well. The Department has skilled and committed In-House Faculty, Non-teaching staff, and excellent infrastructural facilities. In addition to the regular academics, guest lectures are held by industry experts and professionals and live industry projects have enabled students to enhance their skill set. The Department has successfully found placements for meritorious students in the industry.



ORGANIZING COMMITTEE

Principal:

- Dr. Neha Jagtiani

Advisory:

- Ms. Lakshmi Iyer
- Dr. Kiron Jathar
- Mr. Dinesh Himatsinghani
- Dr. Mona Kejariwal (President, Institute Innovation Council)

Convenor:

- Mr. Vipul Saluja (Vice Principal & Co-ordinator, Dept of CS)

Teacher Co-ordinators

- Ms. Farheen Shaikh
- Ms. Manisha Sutar
- Ms. Madhavi Tullu
- Ms. Sufiya Ahmed

Event Co-ordinator:

- Mr. Sujal Singh
- Mr. Deepak Dube
- Mr. Sumit Shah

Event Incharge:

- Ms. Sheetal Joshi
- Ms. Mousumi Swain



EVENT RULES

- **Event Overview:**

- Welcome to the SynTech-X Hackathon, an exhilarating event where innovation converges with coding brilliance! This rule booklet is crafted to guide participants through the event, ensuring a fair and engaging experience for all.

- **What is a Hackathon?**

- A Hackathon is a collaborative and intense coding competition challenging participants to develop solutions, solve problems, and bring imaginative concepts to life within a constrained timeframe. It serves as a platform dedicated to addressing real-life challenges, fostering a culture of innovation, and nurturing a problem-solving mindset among participants.

- **Objectives:**

- Innovation Unleashed: Unleashing the creative potential and expertise of students, academics, and visionaries.
- Engagement Spark: Igniting institution-level hackathons to inspire creativity and innovation.
- Futuristic Foundation: Establishing a pathway for the 'Start-up India' initiative, envisioning the future.
- Collaborative Wisdom: Harnessing collective intelligence to contribute to governance and enhance the quality of life.
- Empowerment Hub: Facilitating opportunities for citizens to deliver inventive solutions to the country's complex challenges.



EVENT RULES

1. General Information:

1.1 Date:

- The SynTech-X Hackathon will take place on 3rd & 4th February 2025.

1.2 Venue:

- The event will be conducted at RD National College Campus.

1.3 Team Formation:

- Teams must consist of at least 2 to 5 members. Team formation is flexible, allowing participants to choose their teammates.

1.4 Code Repository:

- All code must be committed to the central code repository on GitHub throughout the event.

1.5 Duration:

- The Hackathon will run for the entire day on 3rd February 2025, during which teams will conceptualize, code, and present their projects.

1.6 Entry Fee:

- Participants are required to pay an entry fee of ₹100/-

2. Hackathon Structure:

2.1 Kick-off Session:

- A kick-off session will be conducted at the start of the event to explain rules, answer queries, and provide essential details.



EVENT RULES

2.2 Theme (Optional):

- Participants are encouraged to incorporate any of the following themes into their projects:
 - Agriculture & Rural Development:
 - Modernizing Agriculture Practices
 - Initiatives for Rural Development
 - Health & Wellness:
 - Transforming Healthcare & Medicine
 - Innovating in Fitness & Sports
 - Technology & Innovation:
 - Revolutionizing Financial Technologies
 - Smart Solutions in Automation
 - Advancements in Robotics & Drones
 - Shaping the Future of Smart Vehicles
 - Enhancing Smart Education
 - Securing Transactions with Blockchain & Cyber Security
 - Travel & Tourism:
 - Reinventing Transportation
 - Elevating the Tourism Experience
 - Entertainment & Leisure:
 - Gaming Innovations
 - Redefining Hospitality
 - Cultural & Heritage:
 - Safeguarding Heritage & Culture

2.3 Submission Time:

- Participants must submit their ideas in the form of PPTs or PDFs via the registration site before 26th January 2025. Results will be declared on the website, and qualifying teams will be notified. The presentation should be a maximum of 6 pages, including
 - 1. Idea (Title), 2. Working, 3. Tools.



EVENT RULES

2.4 Selection Rounds

Round 1 - Selection:

- The submitted presentations will be evaluated in an online selection round conducted on Google Meet or Zoom. Each team will be assigned a specific time slot for their evaluation, which will be overseen by the judges.

Round 2 - Implementation:

- SynTech-X Hackathon will be held on RD National College Campus on 3rd February 2025, from 11:00 am to 6:00 pm. The submission of each project is expected before Round 2 finishes.

Round 3 - Judging:

- Teams will exhibit a short presentation of their ideas and projects to the judges on 4th February 2025, starting at 11:00 am. The implementations will be judged on the accounts of various factors such as Progress, Innovation, Interaction, Creativity, Feasibility, and User Interface.

2.5 Judging Panel:

- A panel of judges comprising experienced professionals and industry experts will evaluate projects based on predefined criteria.

3. Participant Guidelines:

3.1 Code of Conduct:

- Participants must adhere to the event's code of conduct, promoting a respectful and collaborative environment.

3.2 Resources:

- WIFI and adaptors will be provided.

3.3 Mentors:

- Mentors will be available for technical assistance and guidance. Scheduled mentor check-ins will be held.

3.4 Progress Updates:

- Teams are encouraged to provide regular progress updates. Short presentations or demonstrations will be scheduled at predefined intervals.

3.5 Team Collaboration:

- Collaboration and knowledge sharing among teams are encouraged. Teams may seek assistance from mentors or other teams.



EVENT RULES

4. Scoring Scheme:

- Projects will be evaluated based on the following criteria, with respective weights:
- Innovation and Creativity (30 points): Uniqueness and creativity of the solution.
- Technical Complexity (25 points): Complexity of the coding, use of advanced algorithms, etc.
- Functionality (20 points): How well the solution meets the problem statement.
- User Experience (UX) (15 points): Intuitiveness and user-friendliness of the solution.
- Presentation (10 points): Quality of the pitch, clarity of communication.

5. Prizes and Recognition:

- First Prize: ₹10,000/-
- Second Prize: ₹5,000/-
- Qualified Teams: ₹500/- each
- Additionally, participants will receive certificates of participation.



SCHEDULE

Round	Venue	Date & Time	
Idea Submission	Online	Till 28th January 2025	
Selection	Online	January 30th	January 31st
Implementation	Mini Conference	February 3rd, 8:00 am to 6:00 pm	
Judging	Conference Room	February 4th, 10:00 am onwards	

For Further Details:

Ms. Sheetal Joshi
+91 76205 03652

Ms. Mousumi Swain
+91 90047 88190

Mr. Sujal Singh
+91 99678 74406

Mr. Deepak Dube
+91 93219 72957

Mr. Sumit Shah
+91 77383 83545



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