E-Crescendo

Igniting Entrepreneurship : Building the Future

Year 2024-25

E-CRESCENDO

E CELL NITH
Cooperation is culture here...

Igniting Entrepreneurship : Building the Future

The journey of entrepreneurship and innovation at NIT Hamirpur starts in E-cell. The dynamic hub within the National Institute of Technology, Hamirpur, with a mission of nurturing creativity, fostering leadership, and igniting the entrepreneurial spirit among students.

We serve as a catalyst, inspiring students to transform their ideas into viable ventures and groundbreaking solutions. Our ecosystem provides a platform for experiential learning, mentorship, and networking opportunities, empowering students to navigate the entrepreneurial landscape. From workshop and speakers series to hackathons and startup competitions, we offer a diverse range of programs that expose students to real-world challenges and opportunities.

E-cell NIT Hamirpur is not just a society; it's a community that empowers students to become the leaders and innovators of tomorrow.

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Note from the Dean

What are your views on E-Crescendo?

E-Crescendo is an exciting program organized by the E-Cell to inspire creativity, entrepreneurship, and innovation among students. Building on the success of last year's E-Summit, which saw overwhelming participation and enthusiasm, we're thrilled to take things a step ahead with this event. E-Crescendo aims to encourage students to think outside the box, developing entrepreneurial mindsets, and work on real-world solutions. It's more than just a platform—it's a movement to bring fresh ideas to life and foster a culture of innovation at National Institute of Technology, Hamirpur.

Dr. Ashok Kumar
Dean (Student Welfare)
NIT Hamirpur

Note from Faculty Incharge (F.I.)

What are your views on E-Crescendo?

As the Faculty Incharge of the E-Cell, I have witnessed firsthand the enthusiasm and creativity of our students. E-Crescendo is not just an event, it is a platform where ideas come to life. By funding up to 20 innovative projects with financial support, we aim to remove barriers for young entrepreneurs and offer them a chance to develop their concepts into viable ventures. I congratulate the team for their hard work in organizing this initiative and encourage all participants to seize this unique opportunity.

Dr. Jai Prakash
Faculty Incharge
E-Cell, NIT Hamirpur

Note from Manager

What are your views on E-Crescendo?

E-Crescendo is the culmination of our efforts to promote entrepreneurship at NIT Hamirpur. This year, our commitment to supporting student-led innovative projects is stronger than ever, with up to 30,000 INR in funding for each selected venture. Our mission is to enable students to push boundaries and take bold steps toward realizing their entrepreneurial dreams. This event is not just a competition. It's the beginning of something transformative. We look forward to seeing our peers build the future with their passion and innovation.

Mr. Rishikesh Mishra
Manager
E-Cell, NIT Hamirpur

What is E-CRESCENDO??

"Pitch, Innovate and Elevate."

E-Crescendo, an initiative by the E-Cell of NIT Hamirpur, is a college-level platform for young innovators to pitch their ideas to the right audience, aiming to secure the necessary funds and support for growth. The event's mission is to turn promising concepts into successful ventures, helping to shape the next generation of startups. Offering up to ₹30,000 in funding to 20 deserving projects or startups, E-Crescendo serves as a launchpad for creativity and entrepreneurial ambition within the NIT Hamirpur community.

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Interested participants will register on the E-crescendo website as a team (3-5 members) by filling the required details along with the project idea and the presentation as described below (Instructions are given further in the below pages). To ensure the focus of E-Crescendo aligns with key technological and engineering advancements, we encourage all participants to align their ideas or projects with the following domains:

Domains for Projects :

- IoT and Hardware
- Wireless Communication
- AI/ML, Signal Processing & Networking
- Software & Web Development
- Data Science & Cloud Computing
- Healthcare and Hospitality
- Modeling/Simulation/Design
- Polymer and Biochemical Technology
- Geographic Information Systems (GIS) and Innovations
- VLSI Design and Embedded Systems
- Power & Control Systems
- Green Energy Harvesting and Renewable Resources
- Robotics & Automation, Machine Designs
- Quantum Mechanics, Optics and Photonics

- Nanotechnology and Biomaterials
- Building Information Modeling (BIM)
- Structural Engineering, Geotechnical and Transportation Engineering
- Augmented and Virtual Reality (AR/VR)
- Blockchain and Distributed Ledger Technology (DLT)
- Cybersecurity and Digital Forensics
- Human-Computer Interaction (HCI) and UX/UI Design
- Agriculture and Smart Farming
- Smart Cities and Urban Planning
- Space Technology and Astrophysics
- Bioinformatics and Computational Biology
- Digital Twins and Virtual Simulation
- Material Science and Advanced Composites

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Domains for Projects :

- Hydrology and Environmental Engineering
- Acoustic Engineering and Sound Design
- 3D Printing and Additive Manufacturing
- Supply Chain and Logistics Optimization
- Natural Language Processing (NLP) and Linguistics
- Meteorology and Climate Science
- Food Science and Technology
- Cognitive Computing and Neuromorphic Engineering
- Telemedicine and Remote Patient Monitoring
- Social Media Analytics and Sentiment Analysis
- Digital Humanities and Cultural Heritage Preservation
- Other domains

Note - We do encourage other domains also. Innovative ideas from any other domain are also welcomed.

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Phase II :
Screening

The received/registered proposals will be initially screened by Student Screening Committee of E-Cell. The participants will present their project ideas before the committee and top pitches from this round will move forward to the next pitching round.

Phase III :
Project Approval

(During 2nd -3rd week of January 2025)

The shortlisted/screened projects (in phase II) will be evaluated through the Experts cum Selection Committee and this Committee will submit the recommendations to the E-Cell Advisory Committee for final approval/funding support to the successful projects.

The E-Cell Advisory Committee will advise Experts cum Selection Committee and monitor the works/progress of the selected innovative project ideas during their journey of building a prototype or scaling the projects.

 ** Based on the nature of the projects shortlisted in phase II, Experts from respective departments (i.e. Coordinators/ OICs of various technical activities) may be invited as a member of the Expert cum Selection Committee.

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Project Submission & Evaluation

(During 2nd -3rd week of March 2025)

The successful projects with funding support (in Phase III) will be given 2 months period for the execution of the projects and will be asked to submit the final report with a fixed deadline during 2nd -3rd week of March 2025 followed by the final evaluation of the projects by the Expert cum Selection Committee. The final assessment will be done based on the performance of the team members through presentation, demonstration, developed prototype/models etc. Final evaluation will be done by end of March 2025 by the Expert cum Selection Committee and recommendations will be submitted to the E-Cell Advisory Committee for further promotion of the excellent projects based on their innovation idea/novelty or possibility of their commercialization.

Note: Exact dates will be notified as per availability of the committee members by E-Cell.

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Submission of expenditure for reimbursement Post-Project Evaluation

o No advance payments will be issued for the successful projects in Phase III. Reimbursements will be processed following the completion of the project, subject to submission of a detailed expenditure statement and original GST invoices as per Institute purchase norms.

o Upon successful completion of the project, each team must submit a comprehensive report, including relevant photographs and all required supporting documentation.

o All bills/receipts complete in every respect, must be submitted to the FI/AFI E-Cell through Coordinator Finance/ Manager E-Cell within one month of the submission of the project report.

The teams participating in E-Crescendo will be judged unbiasedly based on following factors : -

⬚ The caliber of the team i.e. ideally the team should be a balanced blend of appropriate technical and entrepreneurial skill set.
⬚ The future prospects of your idea.
⬚ Plagiarism: If an idea is found to be copied from any source or if there are similarities between any two projects/startups participating in E-crescendo, then the projects might be facing inquiries before being shortlisted.
⬚ Clarity of the estimated cost i.e. the presentation must contain an estimated budget (up to Rs 30,000) that will be required to flourish your project into a blooming startup.
⬚ If it's an already established startup, the team will be subjected to scrutiny that it has not already received any monetary help from the government or the institute prior to E- Crescendo.

**Note: The team might have to pitch their idea and requirements in front of faculty to convince them about the viability of the product that the team is building.

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How to Apply ?

Step 1: Registration

Interested participants should register on the official website of E-crescendo.
https://e-crescendo.vercel.app/
Include your name, contact information and academic details.
Mention the project idea you wish to present.
Registration must be completed by your team leader.

Step 2: Project Submission

Submit a comprehensive project proposal to the website.
Clearly outline the innovation, market potential and expected impact.
Include any preliminary work or prototypes if available.
The project can be of any domain i.e. technical or non-technical, etc.

Instructions:

1. Presentation Format:

Use clear and concise language.
Include visuals, graphs or prototypes (if any) to support your proposal.
Highlight the unique aspects of your project.

2. Project Proposal:

Clearly state the problem your project addresses.
Define your target audience and market.
Outline the solution and innovation in your project.

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Instructions:

3. Funding Request:

Clearly state the amount of funding required up to Rs. 30,000 .
Break down how the funds will be utilized.
Justify the need for financial support.

Selection Process:

1. The internal screening process by E-Cell will shortlist deserving projects, followed by a final evaluation by faculty and deans to allocate funding.

2. In each screening process you need to present your idea with teams followed by questions and answers.

3. The decision shall be final and binding.

4. Any false information provided by the applicant may result in elimination of the entity from the funding process.

Team Formation:

1. All team members must be from NIT Hamirpur, and diversity across branches is encouraged.

2. Each team can consist of at least 3 members and at most 5 members, including the team leader.

3. Every team is encouraged to include at least one female team member.

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Team Submission:

Clearly define the role of each person in your team during the submission process.
Ensure that the submission includes the following details:

- ->Team leader
- ->Member's roles and responsibilities
- ->Branch and academic year for each team member

Rules:

Each Team must register to participate in the event.
There should not be any Unethical Code of Conduct.
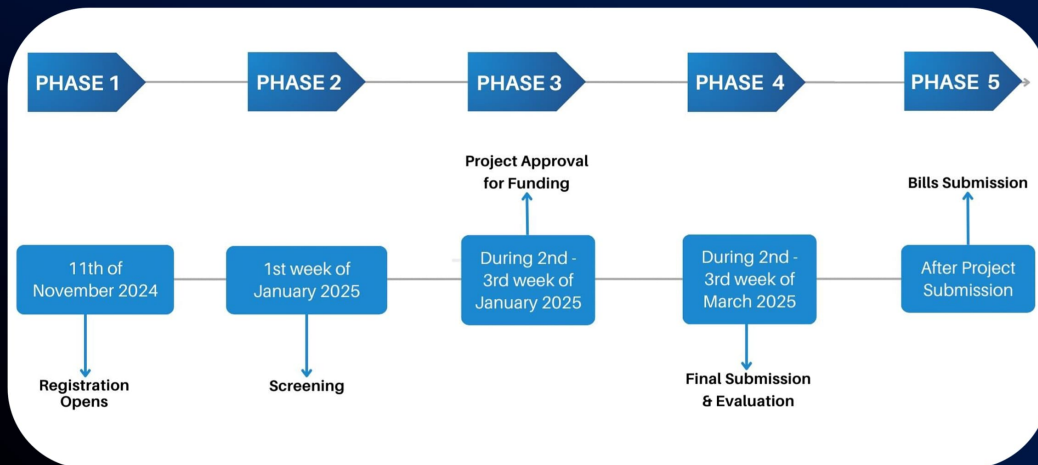The deadline for registration is 4th January 2025 at 11:59 PM.

Benefits:

You will get the opportunity to present your company to a large group of students and possibly gain their opinions.
You can also sell your products and services to the students for better publicity.
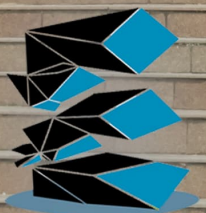Certificates from E-Cell and NIT Hamirpur to all the participants

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Timeline:

PHASE 1 — PHASE 2 — PHASE 3 — PHASE 4 — PHASE 5

Project Approval for Funding

Bills Submission

| 11th of November 2024 | 1st week of January 2025 | During 2nd - 3rd week of January 2025 | During 2nd - 3rd week of March 2025 | After Project Submission |

Registration Opens

Screening

Final Submission & Evaluation

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