



Guidelines and Process flow for E-Crescendo

EVENT INFORMATION:

E-Crescendo 2k24-25, an initiative by E-Cell NIT Hamirpur, is dedicated to fostering innovation and entrepreneurship among students. The program serves as a launchpad for creative projects and innovative ideas within the NIT Hamirpur community, offering funding opportunities of up to Rs 30,000 to 20 (max.) deserving project ideas.

The program will reach completion in three Phases:

Phase I: Registration (by 1st week of November 2024)

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:

- 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
- 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.

Phase II: Screening (by 2nd week of November 2024)

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.

The proposed Student Screening Committee of E-Cell is as follows: -

- Manager E-Cell
- Assistant Manager E-Cell
- Overall Coordinator E-Cell
- Coordinator CPR E-Cell
- Coordinator Finance E-Cell
- Coordinator Web E-Cell
- Coordinator Media E-Cell
- Coordinator Innovation and Tech. Project E-Cell

Phase III: Projects approval for funding (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. The E-Cell Advisory Committee consists of the following members:

• Dean (Student Welfare)	Chairman
• Associate Dean (Student activities)	Member
• Associate Dean (CP&T)	Member
• Associate Dean (RP&C)	Member
• Faculty Incharge (T&P)	Member
• Faculty Incharge (E-cell)	Member Secretary

The proposed Experts cum Selection Committee is as follows-

• Associate Dean (Student activities)	Dr. Pardeep Singh (Chairman)
• Faculty Incharge (E-cell)	Dr. Jai Prakash (Convener)
• Assistant Faculty Incharge (E-cell)	Dr. Robin Singh Bhadoria (Member)
• Faculty Incharge (Technical Activities)	Dr. Rakesh Sharma (Member)
• Assistant Faculty Incharge (Technical Activities)	Dr. Kirti Mahajan (Member)
• Expert(s) from the Departments	(Member) **

** 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. List of Experts from various Departments is as follow:

Department Name	Club Name	Faculty Incharge
Electronics and communication Eng.	Vibhav	Dr. Rakesh Sharma
Computer science and Eng.	.exe	Dr. TP Sharma
Mechanical Eng.	Medextrous	Dr. Param Singh
Civil Eng.	C- helix	Dr. Hemant kumar Vinayak
Engineering Physics and Photonics Science	Abraxas	Dr. Rajesh kumar
Chemical Engineering	Hermetica	Dr. Amit Arora
Material Science & Engineering	Metamorph	Dr. Vikram Verma
Mathematics and Scientific computing	Matcom	Dr. Pankaj Kumar
Electrical Eng.	Ojas	Dr. Veena Sharma
Architecture	DND	Dr. Rajeev Kumar
Chemistry	Rasayanika	Dr. Jai Prakash
MBA	Manifesta	Dr. Mohd. Adil

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

Phase IV: Project Submission & Evaluation

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.

Phase V: Submission of expenditure for reimbursement Post-Project Evaluation

- 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.
- Upon successful completion of the project, each team must submit a comprehensive report, including relevant photographs and all required supporting documentation.
- All bills/receipts complete in every respect, must be submitted to the 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.

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.

3. Funding Request:

- Clearly state the amount of funding required **up to 30000 Rs/-**.
- 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.

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 23rd October 2024(Wednesday) at 11:59 PM.
- Institute conditions apply for business/sale.

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

Timeline for E-Crescendo 2k24-25

Phase I: Registration

- **Launch:** The event registration and submission process will open in the 1st week of November 2024 with the launch of the E-Crescendo website.
- **Deadline:** Submissions, including team registration and project ideas, must be completed by the end of the 1st week of November 2024.

Phase II: Screening

- **Evaluation Period:** Begins in the 2nd week of November 2024. Proposals will be reviewed by the Student Screening Committee to assess innovation, feasibility, and potential impact.
- **Shortlisting:** Teams will be shortlisted by the committee, and successful teams will proceed to Phase III.

Phase III: Project Approval and Funding

- **Project Presentation:** Shortlisted projects will be presented to the Experts cum Selection Committee in the 2nd to 3rd week of January 2025.
- **Evaluation and Approval:** The committee will review the presentations and submit recommendations to the E-Cell Advisory Committee for final funding approval. Successful teams will receive funding up to Rs 30,000 to support their projects.

Phase IV: Project Submission and Evaluation

- **Execution Period:** Teams will have from the 3rd week of January to the 2nd week of March 2025 to work on their projects, aiming to complete the prototypes or final models.
- **Final Submission Deadline:** All final reports and required documentation, including the project report, source code/prototype model, and photographs, are due by the 2nd to 3rd week of March 2025.

- **Final Evaluation:** The Experts cum Selection Committee will conduct the final project evaluation by the end of March 2025 and submit a report to the E-Cell Advisory Committee for further promotion of exemplary projects.

Phase V: Post-Project Reimbursement

- **Expense Report Submission:** Teams must submit a comprehensive expense report along with GST-compliant invoices within one month of project completion, following the 31st of March 2025 deadline.
- **Reimbursement:** All submissions will be reviewed for compliance, after which reimbursements will be processed according to institute norms.

This timeline provides structured phases for registration, evaluation, approval, project execution, and post-project reimbursement, aligning with the overall goals and deadlines of E-Crescendo 2k24-25.

For Event and Registration Related Queries:

- For any questions or clarifications, please do not hesitate to contact E-Cell NIT Hamirpur.
- Email: ecell@nith.ac.in
- Phone: 8299538244

We look forward to receiving your innovative startup project proposals for E- Crescendo 2k24-25 at NIT Hamirpur