

Round 01

Proposal Submission & Team Registration Handbook

Association of Computer & Data Science

General Overview

Nexora 1.0 is an inter-university datathon that challenges students to showcase their data science, analytical, and problem-solving abilities through a structured, multi-round competition. The event encourages innovation, collaboration, and the practical application of data science techniques to address real-world challenges.

The competition consists of three distinct rounds:

- Round 1: Registration & Idea Submission
- Teams will register and submit their project ideas, outlining their proposed solutions to the challenge.
- Round 2: Solution Implementation
- Selected teams will implement their proposed solutions, refining and developing their ideas into fully functional models.
- Round 3: Presentation & Demonstration
- Teams will present their solutions, highlighting key results, insights, and challenges, with a live demonstration of their work.

Participants are required to follow the guidelines outlined in this handbook to ensure a fair, competitive, and engaging experience for all.

Eligibility Criteria



Rule

01

Each team must consist of **2 to 4 members.**

Rule

02

All team members must be from the **same university.**



Rule

03

Participants must be **currently enrolled university students.**

Rule

04

Proof of university enrollment **must be provided** upon request.



Competition Round

Round 1: Proposal Submission & Team Registration

- All participating teams must register for the competition by submitting a comprehensive Project Proposal. This proposal will be evaluated for selection into the next phase of the competition.
- Your proposal should be submitted in PDF format via the official Nexora website and must include the sections included in Page 5.

Important Notes:

- Proposals must be submitted on or before the specified deadline.
- Only selected teams will advance to the next phase based on the proposal evaluation.
- Teams that progress must complete their project within 7 days of the selection announcement.
- For more information and to submit your proposal, visit the Nexora Official Website.

Round 1: Proposal Submission & Team Registration

PROPOSAL STRUCTURE:

- Problem Statement-A clear and concise description of the problem your team intends to address.
- Background & Motivation-An explanation of why this problem is significant and relevant in today's context. Share any inspiration, real-world relevance, or personal drive behind your selection.
- Approach & Methodology-A detailed breakdown of your proposed solution. This should include:
 - Techniques and methods to be used-Tools and technologies you plan to leverage
 - Data sources (if any)
- Expected Outcomes-Describe the key results you aim to deliver, including insights, potential solutions, and the projected impact of your work.
- Model Selection & Justification-Specify the models, frameworks, or technologies chosen, and justify why they are most suitable for solving the problem.
- Feasibility & Challenges-Discuss the practicality of your solution, possible risks or limitations, and how your team plans to overcome them.
- Future Implementations-Briefly outline how your solution can be scaled, enhanced, or applied in the real world beyond this competition.
- Team Composition & Roles-Introduce your team and clearly define each member's responsibilities and contributions to the project.

Evaluation Criteria

- Innovation & Creativity – Uniqueness and originality of the solution.
- Technical Execution – Quality, efficiency, and effectiveness of implementation.
- Data-Driven Insights – Use of data to derive meaningful and impactful conclusions.
- Presentation & Communication – Clarity, engagement, and ability to articulate the solution.
- Practical Application – Real-world applicability and scalability of the solution.

General Rules & Regulations

- Participants must be undergraduates from a recognized university.
- Each team must consist of 2 to 4 members from the same university.
- All submissions must be original—plagiarism or uncredited code reuse is strictly prohibited.
- Modifications to the original proposal after submission are not allowed.
- Fair competition practices must be upheld—any form of misconduct or cheating will lead to immediate disqualification.
- Submission deadlines are final—late submissions will not be entertained.
- The judging panel's decision is final and binding for all teams.
- Participants must maintain professional conduct throughout the competition.

Important Dates

- Proposal Submission Deadline: 22nd April 2025, 11:59 PM
- Announcement of Selected Teams: 25th April 2025

For further inquiries, please contact the Nexora 1.0 organizing team at:

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