IITISoC 2025 Rulebook

Version 1.0 – May 2025

1. General Information

1.1 About IIT Indore Summer of Code (IITISoC) is a two-month-long program aimed at promoting open-source development and technical skill building among students. Participants work under the guidance of mentors to contribute to real-world projects.

1.2 Timeline

- Problem Statement Release: 18th May 2025
- Registration Deadline: 22nd May 2025
- Preference Filling: 23rd May 2025 - 27th May 2025
- Proposal Submission: 28th May 2025
- Announcement of allotted Problem Statements: 2nd June 2025
- Coding Period: June 3, 2025 – August 2, 2025
- Mid-Term Evaluation: End of June
- Additional time for applying finishing touch to the projects and for any hardware implementation by the team.
- Final Submission: August 2, 2025
- End evaluation and presentations: Early August

**The result dates will be announced later.*

2. Eligibility and Participation

2.1 Who Can Participate Open to all currently enrolled students at IIT Indore (UG, PG, PhD). External participation is permitted only via special invitation or collaboration.

2.2 Team Composition Projects must be done in teams with a minimum of 2 members. Each PS has the number of participants required specified. Larger teams may be created as per PS requirement and consultation with organisers. Cross-year teams are allowed and encouraged. The team is expected to choose a team leader for all communications.

2.3 Project Selection Participants are to submit proposals for 3 projects based on their liking from the given list of Problem statements, in an order of decreasing priority. After careful evaluation, a Project will be alloted to the team.

3. Proposal Submission

3.1 Selection of Preferences Teams can select upto a maximum of 3 PSs from different domains. (3 in total)

3.2 Team information A google form must be filled with the team details and a designated team leader, through whom all further communication must be done.

3.3 Filling in of preferences Preferences may be filled in a google form as well as a spreadsheet with the team leader name and the preference as 1,2,3 for particular PS (1 is highest preference)

3.4 Proposal Proposals for each preference must be submitted for review. PS will be alloted on the basis of the proposal as well as availability of slots in a particular PS. There will be **no** first come first serve selection. All the proposals should typed in Latex in a specified format and the generated pdf should be submitted.

4. Mentor & Judging Guidelines

4.1 Eligibility for mentors senior students (2nd year and above) with relevant expertise may serve as mentors.

4.2 Responsibilities of mentors

- Define project objectives and outcomes
- Conduct regular weekly check-ins
- Evaluate mid-term and final submissions

4.3 Commitment by the mentors Mentors are expected to be available for the entire program duration and ensure proper guidance throughout.

4.4 Judging panel The panel should include an alumnus and a faculty. Other than that the clubs involved in the domains are free to choose the judges.

4.5 Criterion A clear and transparent judging criterion should be devised and used. At the end of the judgment, all the scores should be made public without any tampering.

5. Participation Guidelines

5.1 Expectations

- Submit regular progress reports to the concerned mentors
- Maintain active and consistent contributions
- Follow submission guidelines

5.2 Evaluation Criteria

- **Mid-evaluation:** Code review, progress report, and demo. This will constitute 40% of the totals points.
- **End-evaluation:** Codebase, documentation, and presentation. This will constitute 60% of the totals points.
- **Presentation(included in end evaluation):** Presentation slides, soft skills, QnA

All the reports are to be typed in Latex in specified format and the generated pdf should be submitted. The format for reports will be rolled out later.

5.3 Communication All project-related communication must occur through **discord**. Maintain professionalism. Communication must also be through the team leader itself and to the mentors assigned to a team.

6. Technical Requirements

6.1 Version Control Use Git/GitHub for all code. Maintain proper commit history. A well documented README file should be created with all relevant details.

6.2 Documentation Projects must include README, usage instructions, and relevant API docs if applicable.

6.3 Licensing All projects must use an approved open-source license (e.g., MIT, Apache 2.0).

6.4 Plagiarism Plagiarism is strictly prohibited and will be dealt with strictly. All work submitted must be strictly your own.

6.5 Submissions All submissions including proposals, mid and end term evaluations must strictly adhere to the given templates or will result in penalty or disqualification. All submission reports must be stricly in **latex** format only.

7. Rewards and Recognition

7.1 Certificates Awarded to participants completing both evaluations with satisfactory contributions. Completion certificates will only be provided to those who complete both the mid-evaluation and end evaluation as per set guidelines.

7.2 Top Projects May receive prizes, recognition in institute events, and publication on official platforms.

7.3 Showcase Event Finalists will demonstrate their work in a public presentation session.

7.4 The number of prizes to be given in each domain will be decided on the basis of total number of participating teams in that domain.

7.5 When a domain has less than or equal to 3 participating team, the judging panel will also consist the current GS SciTech.

8. Code of Conduct

8.1 Expected Behavior Maintain respect, professionalism, and collaboration at all times.

8.2 Unacceptable Behavior Includes plagiarism, offensive communication, and exclusionary practices.

8.3 Consequences Violations may lead to warnings, disqualification, or escalation to institute authorities.

9. Disqualification Criteria

- Inactivity for more than two weeks without notice
- Submission of plagiarized or fraudulent work
- Missing evaluations without valid reasons
- Unprofessional behavior or breach of conduct

10. Final Notes

All decisions by the organizing committee or judges will be final and binding. The committee reserves the right to amend rules in special cases.

Appendix A: Proposal Format

The proposal should contain the following sections:

A. MANDATORY

Team Details: Basic details such as **Name**, **Roll Number**, **GitHub ID**, **LinkedIn Profile**, and **Skills** relevant to the selected ideas (if any).

For each of the project ideas, the teams should include the following sections:

- **Project Solution:** A rough workflow on how you aim to approach the allotted problem statement, including the functionalities/features you wish to implement and how. Outline the key deliverables of your project. Feel free to go into as much detail as you want and include references.
- **Project Schedule:** A tentative list of checkpoints and milestones that are to be achieved with their timeline. You may refer to the timeline of IITISoC for this.

B. OPTIONAL

Tech Stacks: The technologies/frameworks you wish to use in your projects.

Appendix B: Sample Proposal

Team Details:
Team Leader:
Name: John Doe
Roll Number: 210009999
GitHub: https://github.com/john_doe LinkedIn: https://www.linkedin.com/in/john-doe-1234/
Skills: HTML5, CSS3, JavaScript, Git, React

Other Team Members:
Basic details of all other team members go here.

Domain: Web Development
PS Name: Online Calculator
PS Number: WD-101
Preference Number: 1

Project Solution:
- The calculator will support four basic operations: addition, subtraction, multiplication, and division.
- Users will be able to input real numbers and perform the selected operation.
- JavaScript will handle the logic for performing calculations.
- HTML and CSS will be used to structure and style the user interface.
- Additionally, we aim to implement more operations such as exponentiation, square root, etc., if time permits.

Project Timeline:
- **Week 1:** Design and implement the front-end interface.
- **Week 2:** Develop the back-end logic and integrate it with the front-end.
- **Week 3:** Final testing, documentation, and deployment of the application.