

# Cross Winter of Code

## Mentor Manual



## What is CrossWOC ?

*CrossWoC* is a *six-week* long opensource event organised by *IEEE DTU & IEEE DTU CS*, which gives *programmers* and innovators an opportunity to bring out their nascent talent and find intriguing solutions to real-world problems.

It provides a platform for developers to dig deeper into their gray matter and bring out their latent creativity through *open source*.



"Imagination is the beginning of creation. You imagine what you desire, you will what you imagine, and at last, you create what you will." — *George Bernard Shaw*

## When is CrossWOC ?

This is the *first edition* of CrossWoC conducted by IEEE DTU & IEEE DTU CS, and it will be held from *13<sup>th</sup> February 2021 to 28<sup>th</sup> March 2021*.





## Goals of the program

As a mentor, we expect you to know that the major goal of the program is to help new students to understand the paradigm of open source contribution and increase their expertise level on Git and GitHub in a fun and fair competitive manner.



## Eligibility

There are the five main criteria to be a mentor in CrossWoC:

1. You must have one or more open-source projects on GitHub of which you're an owner or senior collaborator.
2. You must follow standard GitHub labels (*see the example*) and have '*difficulty*' labels like:

- difficulty: easy
- difficulty: medium
- difficulty: hard

Every project must have more than two *good first issue* labels, two

*difficulty: easy* labels, and at least one *difficulty: medium* issue.

3. You must have a dedicated public communication channel for each project, where all the conversations regarding the project will happen. Use can use Slack, Discord, Telegram, or any other medium until it's a free and public channel.





4. Your project must have a descriptive:

- README.md file: where the project is described in detail.

Example: *The FOAMViz Project*

- CONTRIBUTION.md file: where all the steps on how to run the code locally, branching guidelines, code of conduct, etc. should be given.

Example: *Good Contributors.md Template*

- CONTRIBUTORS.md file: which contains the name of each contributor / CrossWoC student participant and the work they did including links to all merged PRs. This doc needs to be updated every week by you so that we can track the performance of every participant.

5. CrossWoC organizers approve your project(s).

## ***Why should I apply ?***

### **Boost your project**

Do you have a project which you had started months ago and now you don't find time to add new features to it or fix small issues? - You must apply. For the students, it's about the contributions. And for you, it's about keeping your project alive and going strong!



### **Nurture your idea into reality**

Do you have an idea in your mind about a small or significant utility and want to make it real? You must apply too. You'll have to lay down the groundwork and sidewise can help a bunch of students to convert your idea into reality!



## ***Exciting Prizes***



All the mentors will be awarded exciting prizes after the event finishes.

## ***What to do to apply ?***

### **- Create a communication channel for your project**

> All the conversations between the mentor and the students who are working on the project should be on a public channel. It could be a Slack channel, Discord server, Google group, Gitter/Matrix channel, or any other communication platform that allows a team to interact and work collaboratively.

> Make sure to add the link of this communication channel in the registration form!

### **- Make the project descriptive and beginner friendly**

> Every kick-ass project needs to have a kick-ass README file. Go ahead and add a beautiful and detailed Readme to your project so that beginners can find it easy to getting started with your project.

> You may add an action-plan and a good proposal about what you aim to finish up by the end of CrossWoC. This will help applicants see a larger picture of what they can try developing, instead of just fixing a couple of issues. You can add this abstract to the README file or the description of your project on GitHub. This is optional, the acceptance of your project doesn't depend on the action plan although we believe it'll be of great help to the participants.

> Open several issues, both of beginner-level and moderate difficulty. Each issue could be a feature request or a bug, which students will try solving during the CrossWoc period.

## **- Register on the CrossWoC website**

Go to the website of CrossWoC - <http://crosswoc.ieeedtu.in>. The registration link is on the homepage!

## **Contact**

For any queries, write an email to [ieeecsdtu@gmail.com](mailto:ieeecsdtu@gmail.com)

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