Hands-On workshop on Git and GitHub

A hands-on workshop on Git and Github was conducted on 17th June 2022 by Saransh Chopra and Naman Priyadarshi, second-year students at CIC. The primary audience for this workshop was the first-year students, and this workshop was carried out specifically at their request.

The workshop started with an introduction to Version Control Systems (VCS), Git, and GitHub. The introduction included their history, their usage, and how these technologies are used virtually at every tech company in the world. Next, the workshop proceeded towards explaining some difficult Git-related terminologies to the students in a simple way. After introducing a few terminologies, the workshop shifted towards a parallel way of teaching, where the students were taught theory and were given a hands-on demo parallelly.

Saransh and Naman helped the students to set up and configure Git and GitHub on their laptops, after which they introduced some common open-source practices. Next, the students were taught Git commands locally on their systems, making sure that each student runs the commands themselves. Then the workshop shifted towards a remote repository, and the students were shown how an open-source codebase operates.

Students created their own remote repositories, and then contributed a common repository set up by Saransh and Naman. The session ended with a lot of doubts, further practice suggestions, and general discussions.