



RV Educational Institutions

RV Institute of Technology and Management®
Bangalore – 560076

Event Name	GITOPS BOOTCAMP by Algholics club
Date	10 th March 2025
Venue	Seminar hall, RVITM
Audience	IV semester students of CSE branch of RVITM
Spokesperson	Mr. Suraj PV, Software Engineer at Suketa Technology Solutions
Faculty Coordinator	Dr. Roopashree S

Department of Computer Science and Engineering

Objective of the Program:

The Algholics recently organised a workshop for the fourth semester students of the CSE branch and 88 students attended the workshop. The GitOps Bootcamp was held on the 10th of March, 2025. The GitOps Bootcamp achieved its objective of introducing the students to the world of GitHub and how to work on a single project as a team, thus teaching them some professional skills. We received positive feedback from the students and they requested us to organise further workshops.

Topics Covered:

- Setup of GitBash and GitHub accounts.
- Branching and Pull Requests.
- Development of workflows by implementing CI/CD pipelines using GitHub Actions.

Brief Report:

The Algholics recently organised a workshop for the fourth semester students of the CSE branch and 88 students attended the workshop. The GitOps Bootcamp was held on the 10th of March, 2025.

Mr. Suraj PV was invited as the guest speaker and the workshop started with the students knowing the importance and use of GitHub and Git commands. The students then installed set up Git on their computer systems followed by the creation of their GitHub accounts. The students

then learned how to create, upload and modify their programming files on the GitHub platform. In the second session, the students learned about branching and pull requests and handling more advanced version control scenarios such as merging branches and creating and accepting pull requests. The students were taught about software development workflows by implementing CI/CD pipelines using GitHub Actions in the third session. They created their own HTML websites and uploaded them to GitHub, after which they created workflows and hosted their websites on the internet.

The GitOps Bootcamp achieved its objective of introducing the students to the world of GitHub and how to work on a single project as a team, thus teaching them some professional skills. We received positive feedback from the students and they requested us to organise further workshops.

This event would not have been possible without the core team members: Shivansh Tandon(1RF22CS102), Siddanth Girish(1RF22CS108), Tejasvi Kaul(1RF22CS119) and Vriddhi Tangri(1RF22CS126). The Algholics club would like to extend their gratitude to the faculty coordinator Dr. Roopashree S and Dr. Malini Patil, HOD, Dept of CSE for their constant support and guidance.



Sessions handled efficiently by Algholics team members

Coordinator Signature
Dr Roopashree S
Assistant Professor
Dept. of CSE

HOD's Signature

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