



Event Report: Version Control, Open Source Contribution, and AI Workshop

Date: 13 October 2024

Venue: Shri Guru Gobind Singhji Institute of Engineering and Technology,
Vishnupuri, Nanded

Organizers: GDG on Campus: SGGSIET

Team Lead: Gajanan Palepwad

Overview

The **Version Control, Open Source Contribution, and AI Workshop** was successfully conducted with enthusiastic participation from students and professionals. The workshop was organized by **GDG on Campus: SGGSIET** and focused on enhancing the participants' understanding of essential topics such as **Version Control, Open Source Development**, and the revolutionary potential of **Artificial Intelligence**.

The event consisted of several hands-on sessions, discussions, and Quiz opportunities, making it a highly interactive and engaging experience for all attendees.

Agenda

- **Introduction to Version Control Systems (VCS)**
 - Importance of version control in modern software development
 - Practical demonstrations using Git and GitHub
 - How to collaborate on open-source projects
- **Open Source Contribution**
 - Importance of open-source projects in the industry
 - Best practices for contributing to open-source repositories

- Real-world examples of impactful open-source contributions
- **Build with AI**
 - Introduction to Artificial Intelligence (GEMINI AI)
 - Demonstration of building simple AI-powered applications
 - Discussion on AI's future and its impact across industries
 - Tools and platforms for AI development

Topic		timing	Instructor	
Intro git and github		11 to 11:30	Hanmant Handewar	
Demo git & Github		11:30 to 1 PM	Pranav Dhumale	
Lunch break		1 to 2PM		
Info Open source & GSoC		2 to 2:30 PM	Jaykumar Gupta	
Open source demo		2:30 to 3:30 PM	Gajanan Palepwad	
Build with AI info		3:30 to 4 PM	Vikramaditya Khupse	
Demo build with AI		4 to 5 PM	Adnan Khan	
Prize Distribution		5 to 5:30 PM		

Session Highlights

- **Version Control and Open Source:** Participants gained hands-on experience with **Git** and **GitHub**, learning how to manage code versions and collaborate effectively in teams. Open-source contributions were a key focus, inspiring attendees to start contributing to real-world projects.
- **Building with AI:** The AI session, explored how AI is transforming industries and shaping the future of technology. Attendees were

introduced to Google GEMINI AI and how to integrate in python projects, concepts and tools, and were guided through a simple project demonstrating text, image and audio processing capabilities of AI.

- **Interactive Quiz:** The workshop concluded with a lively Q&A session where participants had the opportunity to ask questions and discuss potential applications of the concepts they had learned.
- **Student Participation:** More than 75 students have attended the session
- **Prize Distribution:** Prize distribution ceremony included 1st, 2nd and 3rd prize given to students who performed best in quiz.

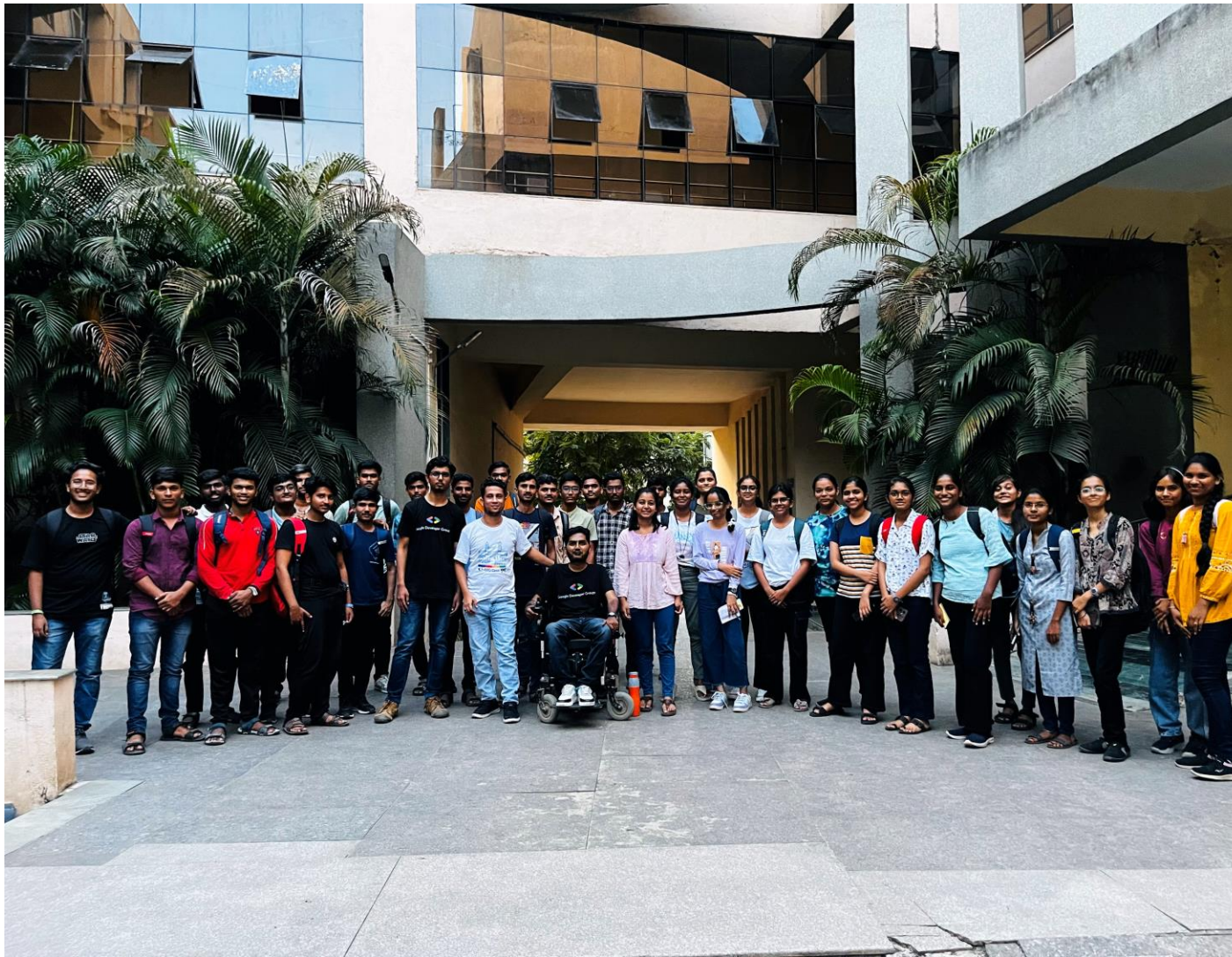
Special Guest: Noman Shaikh, Alumni of our college, 2022 passout from Electronics and Telecommunications Branch attended the complete session and provided insightful career advise to all participants and organizing members.

Participant Feedback

Participants expressed high levels of satisfaction with the structure and content of the workshop. They appreciated the balance between theory and hands-on practice, especially in learning about AI and open-source contributions. The **Build with AI** session was particularly well-received, with attendees showing great interest in pursuing AI-related projects.

Images









Conclusion

The **Version Control, Open Source Contribution, and AI Workshop** was a resounding success, offering valuable insights into the world of version control, open source, and artificial intelligence. The event not only empowered attendees with new technical skills but also fostered a collaborative spirit within the tech community at SGGSIE&T.

We look forward to organizing more such events in the future to continue providing learning opportunities for our growing tech community.

Acknowledgments Special thanks to Noman Shaikh for helping in organizing workshop, the organizing team, speakers, and all the participants who made

this workshop possible. Your energy and enthusiasm helped make the event a memorable one!