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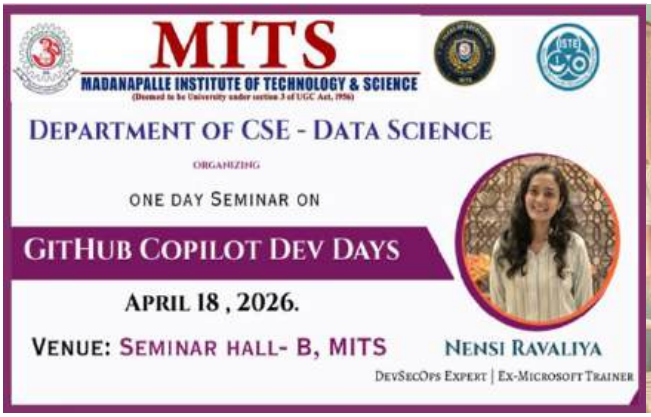
A Report on "Github Copilot Dev Days"
Organized by Department of CSE-Data Science
in collaboration with ISTE
on 18.04.2026



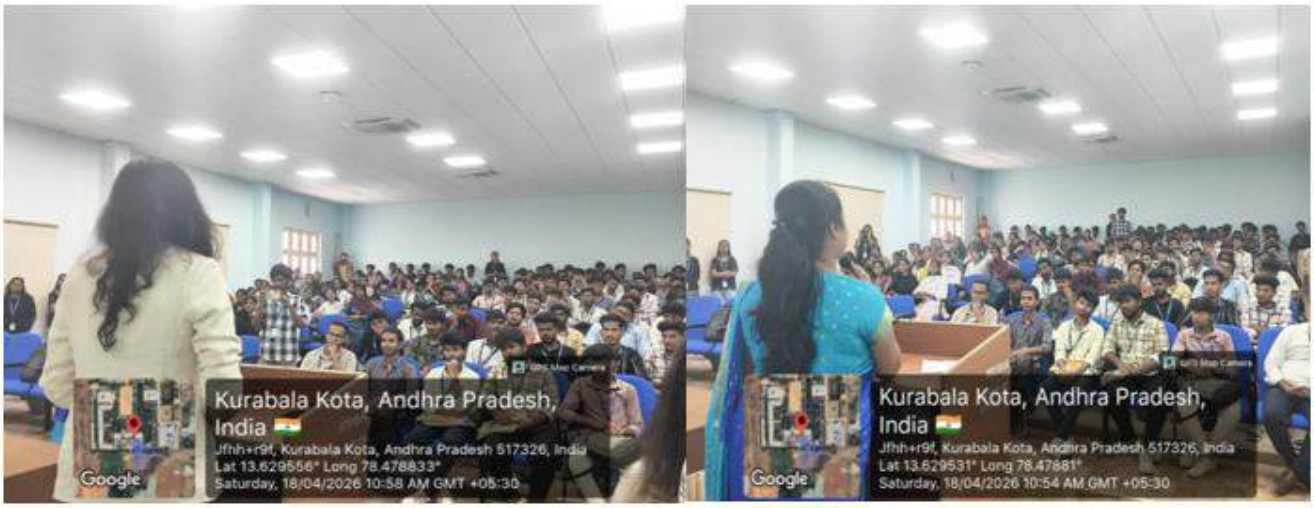
Report Submitted by: Mrs. Roopa R, Assistant Professor, Department of CSE-Data Science
Resource Persons Details: Ms. Nensi Ravalia, DevSecOps expert, Ex-Microsoft trainer.
Participants: B. Tech II Year CSD students
Total No of Students: 125
Venue: Seminar Hall-B
Mode of Conduct: Offline

Objective
· To introduce students to **GitHub** and its role in modern software development and collaboration
· To help students understand how **GitHub Copilot** and AI can improve coding productivity
· To provide hands-on exposure to **AI-assisted development workflows**
· To create awareness about **DevOps, DevSecOps, and industry practices**
· To connect students with industry experts and support their **career growth and learning**.

Introduction
Madanapalle Institute of Technology & Science (MITS) continuously strives to enhance experiential learning through industry-oriented technical events and knowledge-sharing sessions. As part of this initiative, the Department of CSE – Data Science organized **GitHub Copilot Dev Days – Madanapalle** for students.
The event was designed to provide participants with hands-on exposure to modern software development practices, with a special focus on **GitHub** and AI-powered coding using **GitHub Copilot**. It aimed to help students understand real-world development workflows, emerging technologies, and the role of AI in improving productivity.
The session also provided an opportunity for students to interact with industry experts, gain practical insights, and explore career pathways in Cloud, DevOps, and AI-driven development.

Program Overview and Execution
The event commenced with an introductory session welcoming the participants and providing an overview of GitHub Copilot Dev Days and its significance in today's AI-driven development landscape. The session began with inviting the dignitaries and a brief introduction to the objectives of the event.
The main session was led by the speaker, who introduced **GitHub** as a platform for collaboration and version control, followed by an in-depth demonstration of **GitHub Copilot** and its capabilities in AI-assisted coding. The session included real-time examples and practical use cases, helping students understand how Copilot can enhance productivity, simplify coding tasks, and support learning.

Session Highlights
· Introduction to **GitHub** and its role in version control and collaborative development
· Hands-on demonstration of **GitHub Copilot** for AI-assisted coding and productivity
· Real-world use cases showcasing how AI tools improve development workflows
· Insights into **DevOps and DevSecOps** practices followed in the industry
· Guidance on cloud technologies, certifications, and career pathways
· Interactive Q&A session with active student participation
· Podcast discussion covering career journey, community building, and industry trends
·Valuable tips for students to get started with AI, Cloud, and DevOps



Ms. Nensi Ravaliya delivered an insightful session explaining the practical applications of **GitHub** and **GitHub Copilot**, along with key concepts in AI-powered development, DevOps, and DevSecOps. The session enabled students to understand modern software development practices, the role of AI in coding, and their real-world applications.

The discussion also covered modern development practices, including **DevOps and DevSecOps**, along with insights into industry expectations and career pathways. The session was interactive, with participants actively engaging through questions and discussions.
The speakers collectively highlighted the importance of strong fundamentals, logical problem-solving ability, continuous learning, and hands-on project development as key factors for industry readiness.

Interactive Session

An interactive Q&A session was conducted, during which students actively engaged with the resource persons. Discussions revolved around:

- Career opportunities in AI and Data Science
- Required technical competencies for internships
- Industry expectations from early-stage engineers
- The importance of real-world project experience

The interaction provided clarity on skill gaps and professional preparation strategies. Key Outcomes

1. Students gained exposure to modern development workflows using **GitHub** and collaborative coding practices.
2. Participants developed a clear understanding of **GitHub Copilot** and AI-driven tools in software development.
3. The session enhanced awareness of **DevOps, DevSecOps**, and current industry practices.
4. Students were encouraged to focus on practical learning, problem-solving, and real-world application of concepts.
5. The program strengthened industry–academia interaction and motivated students towards career growth in Cloud, AI, and development technologies.

Feedback

Students expressed that the event provided valuable exposure to modern software development practices and AI-driven tools. The hands-on demonstration of **GitHub Copilot** and the practical insights into **GitHub workflows** were particularly appreciated. Participants reported improved understanding of AI-assisted coding, DevOps concepts, and industry expectations.
Many students found the session interactive and engaging, especially the real-time examples and the podcast discussion with the speaker. Overall feedback indicated high satisfaction with the relevance, clarity, and structure of the session.