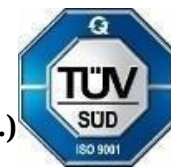




MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (Deemed to be University)



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A Report on One Day Program on "Bridging Code and Creativity: A Hands-on Introduction to GitHub and Blogs" Organized by Department of CSE-Artificial Intelligence & Machine Learning 04.11.2025

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
DEEMED TO BE UNIVERSITY
(Declared under section 3 of U.G.C. Act, 1956 by Govt. of India - MoE)
Madanapalle - 517325, Annamayya Dist., Andhra Pradesh, India

Department of CSE(Artificial Intelligence and Machine Learning) organizes
One Day Program on
"Bridging Code and Creativity: A Hands-on Introduction to GitHub and Blogs"
In association with IIIC

Resource Person
Mr. Sreekanth Reddy
Data Engineer,
JLL, Bengaluru, Karnataka.

Date : 04.11.2025 (Tuesday)
Time: 9:00 AM to 1:00 PM
Venue : Seminar Hall - B

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Dr. S. Priya, Sr. Asst. Prof.
Mr. BSH. Shayeez Ahamed, Asst. Prof.
Mr. V. Sivaraman, Asst. Prof.

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Report Submitted by: Dr. S. Priya, Sr. Assistant Professor, Department of CSE-Artificial Intelligence & Machine Learning

Event Coordinators: Dr. S. Priya, Sr. Assistant Professor, Mr. BSH. Shayeez Ahamed, Assistant Professor, Mr. V. Sivaraman, Assistant Professor, Department of CSE-Artificial Intelligence & Machine Learning.

Resource Person Details: Mr. Sreekanth Reddy, Data Engineer, JLL, Bengaluru, Karnataka.

Participants: II Year CSE (AI and ML) 131 Students

Venue: Seminar Hall - B

Mode of Conduct: Offline

Report received on 12.11.2025

Department of Computer Science and Engineering (AI and ML) has organized a "One Day Program on Bridging Code and Creativity: A Hands-on Introduction to GitHub and Blogs" on 04.11.2025 (Tuesday).

The core objective of the program was to connect technical programming expertise with creative digital communication. Through hands-on exposure to GitHub and blogging tools, students were equipped to present their work, engage in collaborative development, and establish a strong online professional identity.

Welcome Address:

The event commenced at 10:00 AM with a warm and engaging welcome address to all by Dr. S. Priya, Sr. Assistant Professor, Sr. Asst. Professor, Department of CSE (AI and ML), Madanapalle Institute of Technology & Science (MITS), Madanapalle. Dr. S. Priya extended heartfelt greetings to the management, Head of the Department, resource person, faculty members, and students, marking the beginning of an engaging and insightful session.

In her address, Dr.S. Priya expressed her pleasure in hosting an event focused on "Bridging Code and Creativity: A Hands-on Introduction to GitHub and Blogs", a topic highly relevant to the evolving needs of AI & ML professionals. She emphasized that in the era of open-source technology and global collaboration, platforms like GitHub play a crucial role in nurturing teamwork, innovation, and continuous learning among young developers.

Keynote Address:

Dr. S. Padma, Associate Professor & Head, Department of CSE (AI & ML), Madanapalle Institute of Technology & Science (MITS), Madanapalle, delivered the keynote address, extending a warm welcome to the gathering and setting an inspiring tone for the event. In her address, she emphasized the growing importance of open-source collaboration, continuous learning, and maintaining a strong digital presence for AI & ML professionals. She elaborated on how platforms like GitHub enable version control, teamwork, and innovation, while technical blogging empowers students and professionals to share knowledge and enhance their professional visibility.

Dr.S. Padma also proudly highlighted that the day's resource person, Mr. Sreekanth Reddy, currently serving as a Data Engineer at DLL Company, Bengaluru, is a distinguished alumnus of the Department of CST. She expressed her delight in witnessing alumni returning to their alma mater to mentor and motivate the next generation of engineers.



Resource Person Lecture

The session was then taken over by the resource person, Mr. Sreekanth Reddy, Data Engineer at JLL, Bengaluru. Mr. Sreekanth Reddy began his session by warmly acknowledging his alma mater and expressing heartfelt gratitude to Dr. S. Padma, Associate Professor & Head, Department of CSE (AI and ML).

He then introduced the participants to the core objectives of the session to understand the fundamentals of collaborative software development using GitHub, to appreciate the role of creative communication through blogging, and to gain insights into real-time industrial projects being carried out at DLL, Bengaluru. His delivery combined conceptual explanation, live demonstrations, and reflective storytelling, making the session engaging and inspiring.

Introduction to GitHub and its Industrial Relevance:

Mr. Sreekanth Reddy began with a detailed overview of Git and GitHub, explaining their origin, functionality, and necessity in modern software development. He walked the students through repositories, commits, branches, and pull requests, illustrating how these features support team collaboration and version control.

He emphasized that GitHub is not merely a storage space for code but a complete ecosystem for innovation and transparency, enabling developers across the globe to contribute, review, and refine projects collectively. He demonstrated how software engineers at DLL use GitHub to manage massive data pipelines and AI-driven projects, where multiple teams work simultaneously on interdependent modules.

He explained how continuous integration and continuous deployment (CI/CD) workflows are integrated with GitHub to maintain consistency and quality in code releases. Students were shown how version control reduces redundancy, prevents conflicts, and promotes accountability among developers in large organizations.

Mr. Sreekanth Reddy showcased several real-time projects developed and deployed at DLL Company, Bengaluru, where he currently serves as a Data Engineer.

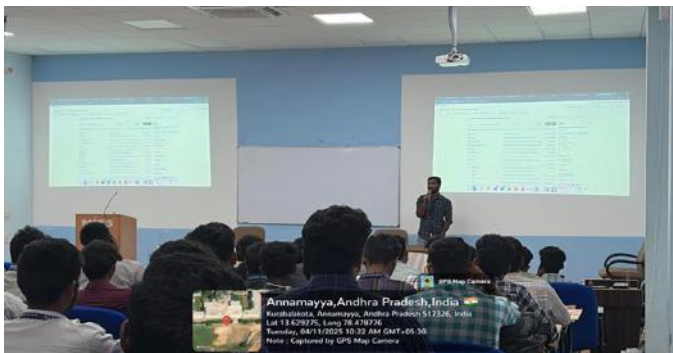
He presented a data-driven automation project designed to optimize the company's internal financial operations. The project leveraged Python, TensorFlow, and cloud-based data pipelines to automate predictive analytics in customer credit assessment. Through live examples, he illustrated how data preprocessing, model training, and deployment were tracked using GitHub repositories, ensuring transparency and traceability across multiple development stages.

Through these demonstrations, students were able to visualize how theoretical concepts learned in classrooms—such as data structures, algorithms, and machine learning—are applied within the industrial environment to solve complex business challenges.

Integration of Creative Communication and Technical Blogging:

An important segment of Mr. Sreekanth Reddy's talk was devoted to technical blogging and personal digital branding. Drawing from his own experience, he discussed how blogging platforms such as Medium, GitHub Pages, and Hash node can be used to share technical insights, tutorials, and project case studies.

He emphasized that effective communication is an essential skill for engineers in the AI & ML domain. Documenting work in a blog format not only improves understanding but also demonstrates credibility to potential employers and collaborators.



He showcased some of his own blog posts written during his early professional years, in which he shared lessons learned while working on data-pipeline automation and AI-based analytics systems. He encouraged students to start writing short technical articles summarizing their academic projects, thereby creating a digital portfolio that reflects both their coding capability and clarity of thought.

Being an alumnus of MITS, Mr. Sreekanth Reddy's session carried an additional layer of emotional and motivational value. He reminisced about his college days, faculty mentorship, and the foundational exposure he gained from project-based learning. He expressed his appreciation for the institution's continuous efforts in aligning academic curricula with industry trends.

During an interactive Q&A session, students posed questions related to career planning, programming languages, internships, and the application of AI in financial technology. Mr. Sreekanth Reddy patiently addressed each query, blending practical advice with personal experience. He encouraged students to make the most of opportunities offered by the department, including hackathons, coding challenges, and collaborative research projects.

The session by Mr. Sreekanth Reddy proved to be an exceptional learning experience that bridged industry practices and academic learning. His explanations on GitHub, project management, and technical documentation provided practical knowledge that students can directly apply to their coursework and future careers.

Students expressed overwhelming appreciation for his approachable style and for the clarity with which he linked theory to application.



Vote of thanks

The event formally concluded with a Vote of Thanks delivered by Mr. BSH. Shayeez Ahamed, Assistant Professor, Department of CSE (AI and ML), MITS. He expressed his sincere gratitude to the resource person for taking the time to share his expertise and valuable insights with the students. He also extended his thanks to the Management, the Principal, and the Head of the Department for their constant encouragement and support in successfully conducting the two-day career guidance program.

Outcomes:

At the end of Presentation, Students will be able to

1. Understand and apply Git & GitHub concepts for team-based project development.
2. Create and manage repositories with real-world relevance.
3. Learn how industry professionals at DLL use GitHub for large-scale AI and data projects.
4. Develop and publish blogs to document technical work and enhance professional visibility.
5. Recognize the importance of maintaining an active digital portfolio for career advancement.

UN-SDG Mapping:

SDG 4 – Quality Education

SDG 8 – Decent Work and Economic Growth

SDG 9 – Industry, Innovation, and Infrastructure

