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Sarvajanik Education Society

Sarvajanik College of Engineering & Technology

Dr. R. K. Desai Marg, Opp.Mission Hospital, Athwalines, Surat-395001

Report for a Workshop on

"Practical DevOps: From Git Basics to CI/CD Pipeline"

Organized by

Department of Information Technology
and
Department of Artificial Intelligence and Data Science

On

10th October 2025

Faculty Co-ordinators:

Prof. Palak Desai
Prof. (Dr.) Vibha Patel

Student Co-ordinators:

BhavyaBavisi (Final year, AI&DS)
Prapti Mehta (Final year, AI&DS)
Krishna Shethna (Pre-final year, AI&DS)
Het Salmawala (Pre-final year, AI&DS)

Prof.(Dr.) Dhruti Sharma
Department in-charge, Department of AI&DS, SCET

Prof. (Dr.) Vivaksha Jariwala
HoD, Department of IT, SCET

About the Workshop:

Title of the Workshop	One-Day Hands-on Workshop on "Practical DevOps: From Git Basics to CI/CD Pipelines"
Date	10th October 2025
Time	1:30 PM to 4:30 PM
Venue	IT Phase 5 and 6 Laboratory, SCET
Organized by	Department of Information Technology, Department of Artificial Intelligence and Data Science, SCET
Objective of the workshop	To provide participants with practical exposure to DevOps concepts and tools, focusing on the fundamentals of Git, GitHub, and CI/CD pipelines. It aimed to help students understand the importance of version control, collaborative development, and automated deployment in modern software engineering practices. The session encouraged participants to build a strong GitHub profile and gain hands-on experience with real-time DevOps workflows to bridge the gap between academic learning and industry requirements.
Resource Person	**Mr. Parth Shah,** **Lead Software Development Engineer at mavQ** mavQ is an AI-powered, low-code automation platform that helps organizations manage, process, and analyze complex content and workflows. Headquartered in New York, it also has a growing presence in India, supporting global clients across government, healthcare, and enterprise sectors.
Topics Covered	1. Git commands essentials 2. How to build strong GitHub profile 3. How to deploy project 4. Understand CI/CD pipeline 5. Discover the importance of Git in industry
Total Participants	50

Workshop Details:

The one-day hands-on workshop was designed to provide participants with practical exposure to core DevOps tools and practices. The session began with an introduction to essential Git commands, enabling students to perform version control operations such as initializing repositories, committing changes, branching, and merging code efficiently. This foundational understanding helped them grasp the importance of maintaining clean and organized project workflows.

Participants then learned how to build a strong GitHub profile by showcasing their academic and personal projects, contributing to open-source repositories, and maintaining a professional online presence. The session further guided them through the process of

deploying projects, where students explored basic deployment methods and understood how continuous delivery ensures faster and more reliable software releases.

The workshop also offered a detailed explanation of the CI/CD pipeline, demonstrating how automation in build, test, and deployment stages enhances productivity and minimizes human error. Through hands-on activities, students discovered the real-world significance of Git and DevOps practices in modern software engineering, gaining insights into how these tools streamline collaboration and accelerate development in industry environments.

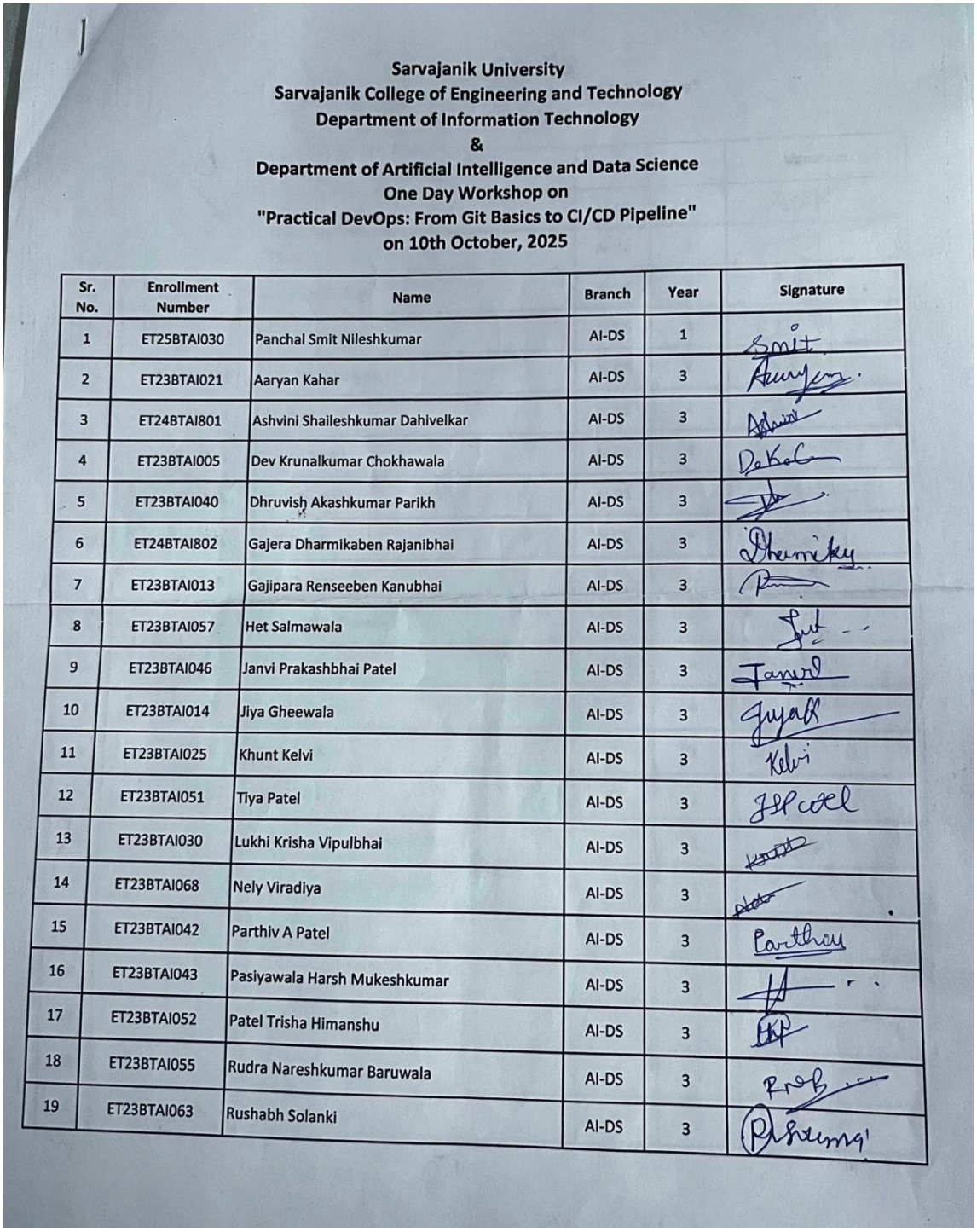
Brochure:

Glimpse of the Workshop:

hello-world to
Prompt world

PRACTICAL DevOps:
FROM GIT BASICS
TO CI/CD PIPELINES

Attendance Records:



Sarvajanik University
Sarvajanik College of Engineering and Technology
Department of Information Technology
&
Department of Artificial Intelligence and Data Science
One Day Workshop on
"Practical DevOps: From Git Basics to CI/CD Pipeline"
on 10th October, 2025

Sr. No.	Enrollment Number	Name	Branch	Year	Signature
1	ET25BTAI030	Panchal Smit Nileshkumar	AI-DS	1	
2	ET23BTAI021	Aaryan Kahar	AI-DS	3	
3	ET24BTAI801	Ashvini Shaileshkumar Dahivelkar	AI-DS	3	
4	ET23BTAI005	Dev Krunalkumar Chokhawala	AI-DS	3	
5	ET23BTAI040	Dhruvish Akashkumar Parikh	AI-DS	3	
6	ET24BTAI802	Gajera Dharmikaben Rajanibhai	AI-DS	3	
7	ET23BTAI013	Gajipara Renseeben Kanubhai	AI-DS	3	
8	ET23BTAI057	Het Salmawala	AI-DS	3	
9	ET23BTAI046	Janvi Prakashbhai Patel	AI-DS	3	
10	ET23BTAI014	Jiya Gheewala	AI-DS	3	
11	ET23BTAI025	Khunt Kelvi	AI-DS	3	
12	ET23BTAI051	Tiya Patel	AI-DS	3	
13	ET23BTAI030	Lukhi Krisha Vipulbhai	AI-DS	3	
14	ET23BTAI068	Nely Viradiya	AI-DS	3	
15	ET23BTAI042	Parthiv A Patel	AI-DS	3	
16	ET23BTAI043	Pasiyawala Harsh Mukeshkumar	AI-DS	3	
17	ET23BTAI052	Patel Trisha Himanshu	AI-DS	3	
18	ET23BTAI055	Rudra Nareshkumar Baruwala	AI-DS	3	
19	ET23BTAI063	Rushabh Solanki	AI-DS	3	

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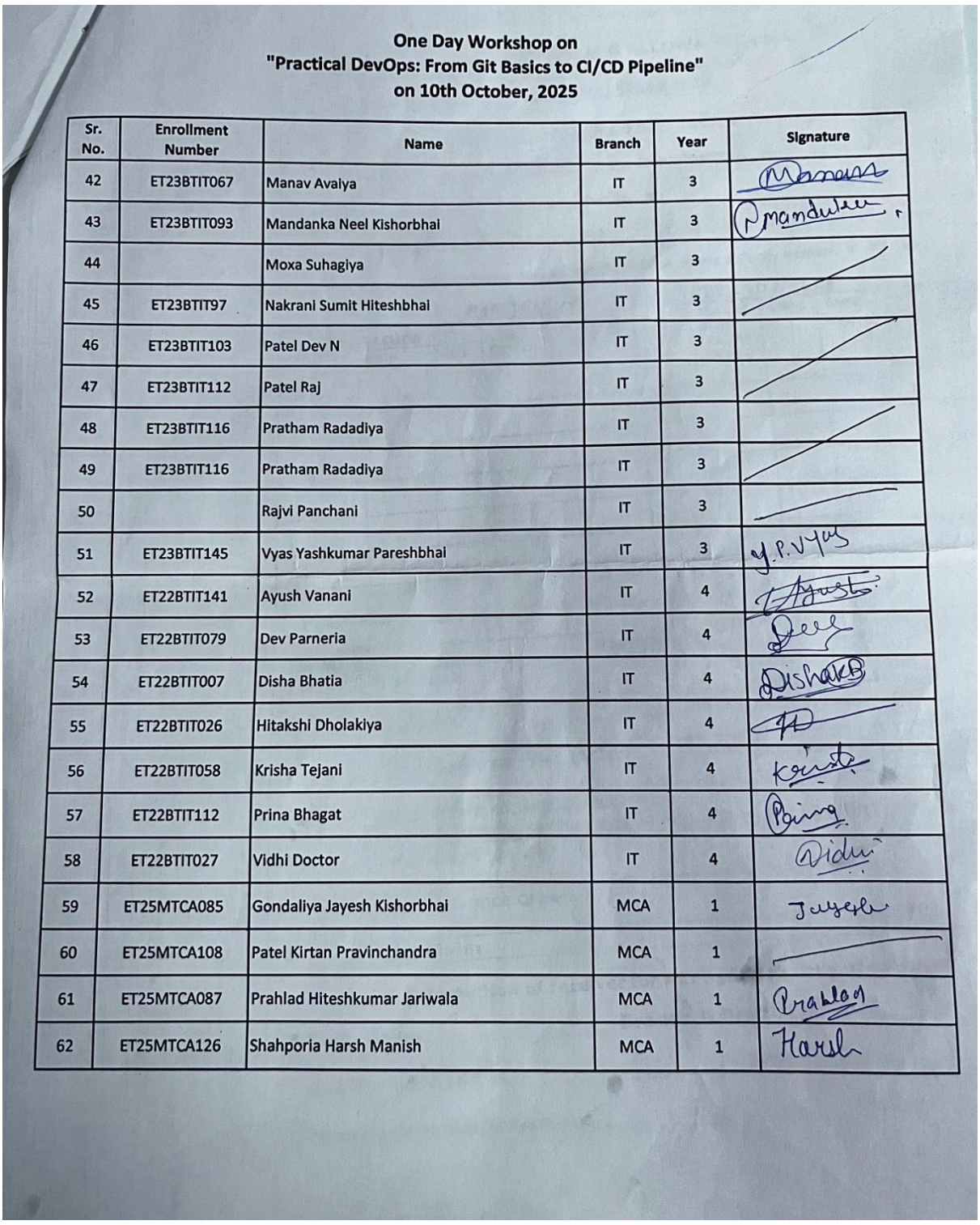
Sr. No.	Enrollment Number	Name	Branch	Year	Signature
20	ET23BTAI058	Sanyati Kothari	AI-DS	3	Sanyati
21	ET23BTAI051	Tiya Patel	AI-DS	3	
22	ET23BTAI027	Vatsal Lakdawala	AI-DS	3	Vatsal
23	ET23BTAI034	Mahek Nanavati	AI-DS	3	
24	ET22BTAI001	Aditi Kholwadwala	AI-DS	4	Aditi
25	ET22BTAI052	Amaan Payak	AI-DS	4	
26	ET22BTAI005	Bhavya Bavisi	AI-DS	4	
27	ET22BTAI008	Jensi Chothani	AI-DS	4	
28	ET22BTAI013	Kunj Desai	AI-DS	4	
29	ET22BTAI015	Neel Doctor	AI-DS	4	
30	ET22BTAI044	Panchal Harshkumar	AI-DS	4	
31	ET22BTAI034	Prapti Mehta	AI-DS	4	
32	ET22BTAI012	Viraj Dapkawala	AI-DS	4	
33	ET25BTIT025	Meer Gadhiya	IT	1	
34	ET25BTIT045	Nency Patel	IT	1	
35	ET25BTIT052	Priyansh Prashant Shrivastava	IT	1	
36	ET25BTIT097	Sumit Kishorkumar Kumavat	IT	1	Sumit
37	ET23BTIT101	Darshan Pandav	IT	2	
38	ET24BTIT128	Shriya Agrawal	IT	2	Shriya
39	ET23BTIT076	Davra Deep Sanjaybhai	IT	3	
40	ET24BTIT802	Ginoya Rishi Vimalkumar	IT	3	
41	ET23BTIT075	Manan Chovatiya	IT	3	



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Sr. No.	Enrollment Number	Name	Branch	Year	Signature
42	ET23BTIT067	Manav Avaiya	IT	3	
43	ET23BTIT093	Mandanka Neel Kishorbhai	IT	3	
44		Moxa Suhagiya	IT	3	
45	ET23BTIT97	Nakrani Sumit Hiteshbhai	IT	3	
46	ET23BTIT103	Patel Dev N	IT	3	
47	ET23BTIT112	Patel Raj	IT	3	
48	ET23BTIT116	Pratham Radadiya	IT	3	
49	ET23BTIT116	Pratham Radadiya	IT	3	
50		Rajvi Panchani	IT	3	
51	ET23BTIT145	Vyas Yashkumar Pareshbhai	IT	3	
52	ET22BTIT141	Ayush Vanani	IT	4	
53	ET22BTIT079	Dev Parneria	IT	4	
54	ET22BTIT007	Disha Bhatia	IT	4	
55	ET22BTIT026	Hitakshi Dholakiya	IT	4	
56	ET22BTIT058	Krisha Tejani	IT	4	
57	ET22BTIT112	Prina Bhagat	IT	4	
58	ET22BTIT027	Vidhi Doctor	IT	4	
59	ET25MTCA085	Gondaliya Jayesh Kishorbhai	MCA	1	
60	ET25MTCA108	Patel Kirtan Pravinchandra	MCA	1	
61	ET25MTCA087	Prahlad Hiteshkumar Jariwala	MCA	1	
62	ET25MTCA126	Shahporia Harsh Manish	MCA	1	

Feedback:

The participants shared highly positive feedback about the One-Day Hands-on Workshop on “Practical DevOps: From Git Basics to CI/CD Pipelines”. They appreciated the interactive and practical approach, especially the live demonstrations on Git commands, GitHub usage, and CI/CD deployment.

Many found the session engaging, informative, and well-structured, while a few suggested covering more advanced Git commands and allowing slightly more time for hands-on practice. Overall, the workshop was considered a valuable learning experience that enhanced students' understanding of real-world DevOps workflows.

Conclusion:

The workshop concluded successfully with enthusiastic participation and positive feedback from the attendees. It effectively enhanced students' practical understanding of DevOps tools and workflows, particularly in Git, GitHub, and CI/CD pipelines. The session achieved its objective of bridging theoretical knowledge with real-world application, encouraging students to further explore DevOps practices in their academic and professional projects.

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