

Sarvajnik Education Society
Sarvajnik College of Engineering & Technology
Dr. R. K. Desai Marg, Opp. Mission Hospital, Athwalines, Surat-395001

Report for a Workshop on

“Agentic AI in Action”

“Hands-on with Next-Generation Productivity Tools”

Organized by

Artificial Intelligence Club

Department of Information Technology

Department of Artificial Intelligence and Data Science

Date: 10th March 2026

Venue: IT Lab-5, SCET

Faculty Co-ordinator:
Prof. (Dr.) Krishna Delvadia

Faculty Advisor:
Prof. (Dr.) Dhruvi Sharma
Prof. Mukesh Patel

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HoD, IT Department

Student Co-ordinators:

Mr. Het Salmawala
Mr. Krishna Sheshtha
Ms. Tiya Patel
Mr. Aryan Chopada

Resource persons:

Mr. Anand Parekh
Mr. Bhavik Mistry
Mr. Kaushal Parekh
Industry Experts, Netizens Technologies, Surat



About the Event:

The **Artificial Intelligence Club of Sarvajanik College of Engineering and Technology (SCET)** organized an engaging hands-on technical workshop titled **“Agentic AI in Action: Hands-on with Next-Generation Productivity Tools”** on **10 March 2026** for students of first, second and third years of Information Technology (IT), Artificial Intelligence & Data Science (AIDS), Computer Engineering (CO) departments.

The primary objective of the workshop was to introduce students to the rapidly evolving ecosystem of Agentic AI, where intelligent software agents autonomously perform tasks, collaborate with humans, and automate complex workflows in modern software development environments. The session focused on demonstrating how AI-powered productivity tools and Autonomous AI Agents are transforming the software industry by enabling faster development cycles, intelligent automation, and enhanced decision-making capabilities. Participants were introduced to several real-world AI applications including:

- AI-assisted software development
- Automated code generation
- Workflow automation systems
- Smart chatbots and virtual assistants
- Recommendation systems
- Intelligent documentation and knowledge assistants

Through interactive demonstrations and guided exercises, students explored how Generative AI platforms, prompt engineering techniques, and AI-driven development workflows can significantly improve developer productivity and automate repetitive tasks in modern software engineering practices.

Participation Details:

The workshop received enthusiastic participation from around **90 students belonging to the IT, AIDS, and Computer Engineering departments**. Students actively engaged in the live demonstrations, hands-on exercises, and interactive discussions conducted throughout the workshop.

Session Details:

The workshop began with a brief introduction by the AI Club, highlighting the growing importance of intelligent automation and AI-assisted development tools in the modern technology landscape. The technical session was conducted by industry experts from **Netizens Technologies, Surat — Mr. Anand Parekh, Mr. Bhavik Mistry, and Mr. Kaushal Parekh**. **Mr. Anand Parekh** has shared valuable insights from industry

practice and demonstrated how AI tools are being integrated into real-world development workflows. The session began with an overview of Agentic AI systems, explaining how AI agents can plan tasks, execute workflows, and collaborate with other agents or human users to achieve complex objectives. Participants were then introduced to modern AI-powered development tools, including:

Antigravity AI: for AI-assisted workflow generation and productivity automation

Cursor AI: for intelligent code editing, AI-assisted programming, and automated code suggestions

Students observed how these tools enable developers to accelerate software development by generating code, debugging programs, and managing complex tasks using natural language prompts.

Event Highlights:

The workshop combined theoretical understanding, industry insights, and practical hands-on activities, enabling students to experience the power of AI-driven automation firsthand.

The event can be categorized into the following key learning components:

AI-Powered Development Tools Demonstration:

Mr. Bhavik Mistry (CTO, Avishkar AI, Fellow subsidiary of Netizens technologies) has demonstrated how modern AI productivity platforms assist developers in writing, debugging, and optimizing software. Using tools like Cursor AI, students observed how developers can interact with codebases using natural language instructions and automatically generate or modify program logic.

Participants also explored Antigravity AI, where AI agents were used to design and automate multi-step workflows that integrate multiple tools and services.

Hands-on Activity: Building AI Agents:

One of the major highlights of the workshop was a hands-on activity where students learned the **fundamental concepts of building AI agents** capable of performing autonomous tasks.

During this activity, students were guided through:

- Designing task-oriented AI agents

- Defining prompts and instructions for autonomous agents
- Creating multi-step AI workflows
- Integrating AI tools for automated decision-making
- Simulating agent-based automation for productivity tasks

Students experimented with AI agent frameworks to simulate scenarios where intelligent agents perform activities such as data retrieval, task planning, automated reporting, and workflow execution.

This activity helped participants understand how **Agentic AI systems operate as intelligent collaborators** capable of assisting developers, analysts, and knowledge workers.

Workflow Automation Simulations:

Mr. Bhavik Mistry has guided students for simulations on AI tool named **Antigravity AI** to build automated productivity workflows. These simulations demonstrated how AI agents can:

- Automate repetitive development tasks
- Generate documentation from project descriptions
- Create automated development pipelines
- Manage structured task execution
- Coordinate multiple AI services in a single workflow

The hands-on simulations enabled participants to experience how AI-driven workflow automation can significantly enhance efficiency in software development.

Outcomes:

The workshop provided participants with valuable technical exposure into AI-powered development tools. By the end of the session, students were able to:

- Understand the concept of **Agentic AI** and **Autonomous AI Agents**.
- Explore modern **AI-assisted development tools** and productivity **platforms**.
- Perform simulations using AI tools for **workflow automation** and task orchestration.
- Understand how AI agents can automate **software development workflows**.
- Gain practical exposure to building and managing **AI-driven automation systems**.

The workshop helped students develop a deeper understanding of how AI technologies are reshaping the future of software development and intelligent automation.

Event Highlights:









Conclusion:

The workshop “**Agentic AI in Action: Hands-on with Next-Generation Productivity Tools**” proved to be an engaging and technically enriching learning experience for students. Through expert guidance, live demonstrations, and hands-on activities, participants gained practical exposure to AI-assisted development tools, agent-based automation systems, and modern productivity technologies that are rapidly transforming the software industry.

The AI Club expresses its sincere gratitude to **Dr. Vivaksha Jariwala, Head of the Department**, and to the **Principal, Sarvajanik College of Engineering and Technology** for their constant support and encouragement in organizing this successful technical event. We are also thankful to **Dr. Dhruvi Sharma** and **Prof. Mukesh Patel**, Faculty Advisors, AI Club for their valuable inputs and support in every event conducted under SCET AI Club.

The workshop successfully empowered students with knowledge of next-generation AI tools and intelligent automation technologies, inspiring them to explore innovative applications of AI in the future.

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