M.S.P. Mandal's
Shri Shivaji Institute of Engineering & Management Studies,
Vasmat Road, Parbhani – 431 401 (M.S.).
Ph. (02452) 234109, Fax (02452) 221958
Email: director@ssiems.org.in web: www.ssiems.org.in
DTE Code: 2252 **University Code: 2252**

Shri. Prakash Solanke	Shri. Satish Chavan	Shri. Anil Nakhate	Prof. Anand K. Pathrikar
President	Secretary	Joint Secretary	Director

REPORT ON

Hands-on Workshop on "Generative AI using Google Cloud Platform"

Organized by: DCode Developers Club in association with DDSC

Date: 16th May 2025

Venue: APJ Abdul Kalam Auditorium Hall

Resource Person / Expert Details

Mr. Ashutosh Bhakare

Red Hat Security Specialist

Unnati Development and Training Centre Pvt. Ltd.

Topic: *Vibe Coding: Rapidly Building and Deploying GenAI Apps on Google Cloud*

Mrs. Rachana Bhakare

Senior Platform Instructor

Unnati Development and Training Centre Pvt. Ltd.

Topic: *Demystifying Containers and AI Apps*

Introduction

A Hands-on Workshop on **"Generative AI using Google Cloud Platform"** was successfully organized by the DCode Developers Club in association with DDSC on 16th May 2025 at the APJ Abdul Kalam Auditorium Hall. The workshop was conducted with the objective of

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providing students with practical exposure to emerging technologies such as Artificial Intelligence and Cloud Computing.

The event aimed to enhance students' understanding of Generative AI concepts and their practical implementation using the Google Cloud Platform. Students from various departments actively participated in the workshop.

Objectives of the Workshop

- To introduce students to the fundamentals of Generative AI.
- To provide practical knowledge of Google Cloud Platform (GCP).
- To create awareness about AI tools and cloud technologies.
- To encourage students to explore modern technological advancements and innovations.

Details of the Workshop

The workshop began with a welcome address by the coordinators of the DCode Developers Club. The expert speakers, Ashutosh Bhakare and Rachana Bhakare, guided the participants through various emerging concepts in Artificial Intelligence and Cloud Computing.

Ashutosh Bhakare conducted a session on **"Vibe Coding: Rapidly Building and Deploying GenAI Apps on Google Cloud"** where students learned about rapid application development using Generative AI tools and deployment techniques on the Google Cloud Platform.

Rachana Bhakare delivered an expert session on **"Demystifying Containers and AI Apps"** where participants were introduced to containerization concepts, deployment environments, and the integration of AI applications using modern cloud technologies.

The workshop included practical hands-on sessions where students learned:

- Basics of Generative AI
- Introduction to Google Cloud Platform
- Prompt Engineering Techniques
- AI Model Demonstrations

- Cloud-based AI Tools and Applications
- Containerization Concepts
- Deployment of AI Applications
- Real-world Use Cases of Generative AI

Students actively participated in the activities and explored the practical implementation of AI models under expert guidance. The session was highly interactive and helped participants gain valuable technical knowledge.

Participation

A total of **168 students** participated enthusiastically in the workshop. Faculty members and coordinators also attended the session and motivated students to improve their technical skills in emerging technologies.

Outcome of the Workshop

- Students gained practical knowledge of Generative AI concepts.
- Participants learned the use of Google Cloud Platform for AI applications.
- Students understood prompt engineering and AI model interaction.
- Participants gained knowledge about containers and deployment of AI applications.
- The workshop enhanced awareness regarding Artificial Intelligence and Cloud Computing technologies.
- Participants were encouraged to explore future career opportunities in AI and related domains.

Faculty Coordinator

HOD

Head
Dept. of Computer Science & Engg.
Shri Shivaji Institute of Engineering
& Management Studies, Parbhani

Director

M.S.P. Mandal's
Shri Shivaji Institute of Engineering
and Management Studies, Parbhani

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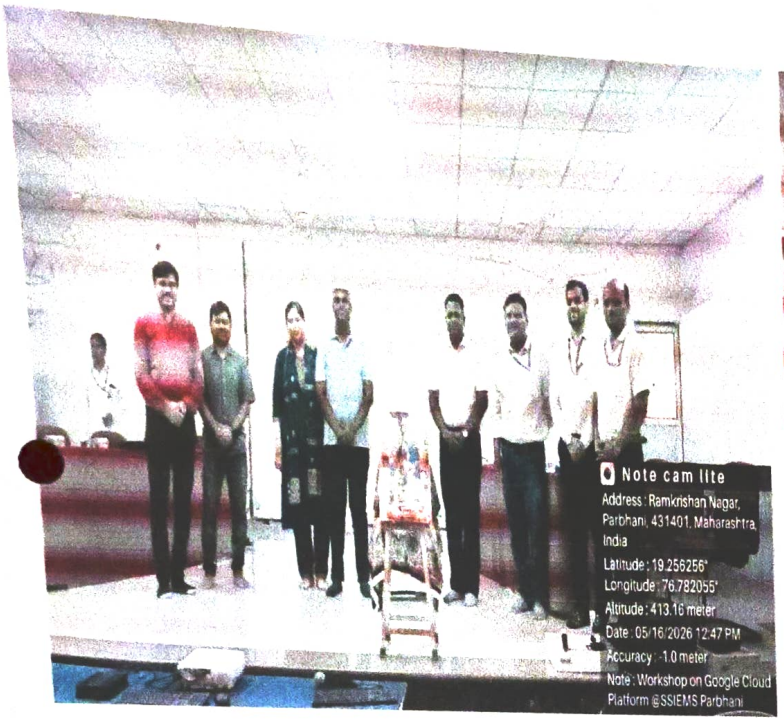
DCode Developers Club Hands-on Workshop on "Generative AI using Google Cloud Platform" Photos