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MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(Deemed to be University under section 3 of UGC Act, 1956)
Madanapalle-517325, Andhra Pradesh, India.



A Report on One Week Domain-specific Workshop on "Expert-Led Google Cloud AI Bootcamp" Organized by Department of CSE- Artificial Intelligence In association with Skill Development Cell from 18.12.2025 to 24.12.2025.

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Department of Computer Science and Engineering (Artificial Intelligence)
Organizes
One Week Domain Specific Workshop
In Association with Skill Development Cell
on
"Expert - Led Google Cloud AI Bootcamp"
Resource Persons

K. YUGENDRA BABU
Founder and CEO
Pragyashal Cloud Solutions

P. DEEPA
Director
Pragyashal Cloud Solutions

AMRUTHA SAI G
Business Operations Head
Pragyashal Cloud Solutions

Chief Patron: Dr. N. Vijaya Bhaskar Choudary, Founder & Chancellor
Patron: Shri. N. Dwarakanath, Pro-Chancellor
Convener: Dr. R. Rajeswari, Professor & Head - CSE
Program Chair: Dr. C. Varadachari, Vice-Chancellor (CSE)
Coordinator: Dr. K. Chinniah, Assoc. Professor - CSE
Guest In-Charge: Dr. D. Pradeep Kumar, Registrar (CSE)
Chief Guest: Dr. P. Ramasubrahmanyam, Principal

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Report Submitted by: Mrs. R. Dhanalakshmi, Assistant Professor, Department of CSE-Artificial Intelligence.

Resource Person Details: Mr. K. Yugendra Babu, Founder & CEO, Pragyashal Cloud Solutions; Ms. P. Deepa, Director, Pragyashal Cloud Solutions; Ms. G. Amrutha Sai, Business Operations Head, Pragyashal Cloud Solutions.

Timings: 18.12.2025 to 24.12.2025, (9.00 AM – 05.00 PM)

Mode of Conduct: Offline (On-Campus Workshop)

Attendees Count: 220 students

Report Received on 20.01.2026.

Objectives:

To provide students with hands-on exposure to Google Cloud Platform (GCP) and AI tools.

To bridge the gap between theoretical concepts and real-world cloud-based AI applications.

To familiarize students with industry-relevant skills in Artificial Intelligence and Cloud Computing.

To enhance students' employability by introducing them to expert-led training and best practices.

Report Summary:

The Department of Computer Science and Engineering – Artificial Intelligence, MITS (Deemed to be University), successfully organized a one-week domain-specific workshop titled "Expert-Led Google Cloud AI Bootcamp" from 18th December 2025 to 24th December 2025 at the MITS Campus. The workshop was conducted in association with Pragyashal Cloud Solutions, a reputed industry partner specializing in cloud and AI technologies.



The program commenced with an inaugural session highlighting the importance of cloud computing and artificial intelligence in today's technology-driven world. The resource persons provided an overview of Google Cloud Platform, its services, and its role in building scalable AI-driven solutions. Throughout the workshop, participants were exposed to various AI concepts, cloud architecture, and practical demonstrations using Google Cloud tools.

The sessions were highly interactive, combining theoretical explanations with hands-on practice. Students learned about cloud-based machine learning workflows, data handling, model deployment, and real-time use cases that align with industry standards. The resource persons also shared insights on current industry trends, career opportunities, and the skills required to succeed in cloud and AI domains, as well as knowledge for their future projects and professional endeavours.



Training Sessions Overview

The program spanned six days, divided into daily Forenoon and afternoon sessions.

- **Morning Schedule:** 10:00 AM – 1:00 PM
- **Afternoon Schedule:** 2:00 PM – 5:00 PM

Day	Session	Topic Discussed
Day- 1	Morning	Foundations & Setup : Intro to Cloud Computing & Onboarding Getting credits assigned, setting up the Cloud Console, and understanding the Google Cloud
	Afternoon	Console Tour & IAM Navigating the interface, managing users/security (IAM), and the first hands-on lab with Cloud Shell.
Day- 2	Morning	Infrastructure Core : Compute Engine (VMs) Creating virtual machines (Windows/Linux) and understanding scalable compute power.
	Afternoon	Cloud Storage (GCS) Creating buckets, uploading objects, and managing file permissions via Console & CLI.
Day- 3	Morning	Application Backbone : Networking & Containers Basics of VPCs, Firewalls, and an intro to running apps on Google Kubernetes Engine (GKE).
	Afternoon	Databases Connecting web apps to backend databases using Cloud SQL and Firestore.
Day- 4	Morning	Data & Integration: BigQuery & Data Analytics Running SQL queries on datasets to prepare data for AI ingestion.
	Afternoon	APIs & Serverless Using Cloud Functions and APIs to bridge the gap between infrastructure and AI tools.
Day- 5	Morning	Enter Vertex AI : Vertex AI Studio & GenAI Introduction to Gemini models, Vertex AI capabilities, and exploring the Model Garden.
	Afternoon	Prompt Engineering Hands-on labs designing effective prompts for text generation and chat bots.
Day- 6	Morning	Advanced AI & Capstone : Agent Builder Building search and conversation apps without deep coding using Vertex AI Agent Builder.
	Afternoon	Challenge Lab & Certification Completing the final "Skill Badge" quest and discussing the Cloud Digital Leader certification path.

- Improved understanding of Google Cloud Platform and its AI services.
- Hands-on exposure to cloud-based AI tools and real-time applications.
- Enhanced practical knowledge of deploying and managing AI models on the cloud.
- Better awareness of industry expectations, career paths, and required skill sets.
- Increased confidence among students to work on cloud and AI-based projects.

Newspaper Clips:



