Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati
Department of Computer Engineering
Computer Engineering Student Association (CESA)

Date: 1ˢᵗ October 2024.

Guest Lecture on "Unlocking the Power of Gen-AI and AWS"

Event Agenda:

- Guest lecture on unlocking the power of GEN-AI and AWS

Event Guests:

- Viraj Raut (Alumnus of VPKBIET)
- Dr. Gyankamal Chhajed (COMP HOD, VPKBIET)
- Ms. Anjali Sonawane (Ass. Prof. of COMP dept.)
- Ms. Swapnali Limkar (Ass. Prof. of COMP Dept.)

Target Audience:

- Faculty of COMP dept.
- Interested student of all branches of VPKBIET

Resources: CESA Committee Members, Microphone, Speaker etc.
Venue: Main conference hall

Brief Report:

A guest lecture was conducted by Mr. Viraj Raut, an expert in Artificial Intelligence (AI) and cloud computing, who presented on the topic "Unlocking the Power of GEN-AI and AWS." The lecture focused on how Generative AI (GEN-AI), combined with the capabilities of Amazon Web Services (AWS), can revolutionize industries, boost innovation, and transform digital ecosystems.

Mr. Raut began by explaining the fundamentals of Generative AI, its underlying algorithms, and its applications across various sectors. GEN-AI refers to a class of artificial intelligence that creates new content—whether it be text, images, audio, or code—based on the data it has been trained on. He highlighted the rapid advancements in deep learning, particularly in areas like GPT, BERT, and other transformer models that have made GEN-AI a powerful tool.

Next, Mr. Raut delved into how AWS (Amazon Web Services) acts as a robust platform for deploying and scaling GEN-AI models. AWS offers a wide array of services that support machine learning (ML) and AI development, making it accessible for businesses of all sizes

Mr. Raut concluded by outlining the future trends of GEN-AI and cloud computing. He predicted a surge in the use of AI across industries, driven by advancements in algorithms, faster computing power, and the increased accessibility of tools like AWS. He encouraged participants to start experimenting with AWS services, emphasizing the importance of building AI proficiency to stay competitive in the job market.

The lecture ended with an engaging Q&A session, where attendees asked Mr. Raut questions ranging from technical details about AI models to the practicalities of implementing AWS services for small businesses. Mr. Raut provided insightful responses, guiding students on how to start their journey in AI and cloud computing and recommending specific AWS resources and certifications.

Photo Gallery: