

## **Value added Course on "AWS UG Community"**

**Academic Year:** 2024-25

**Name of the Event:** Value added Course on "AWS UG Community"

**Date & Time of the Event:** 20th July 2024

**Name of the Speaker:** Mr. Shridhan Rokade

**Designation:** CEO

**Name of the Company / Institution with Address:** Expert Cloud Consulting

**Targeted Audience:** TE Comp

**Venue:** Convention Center

**Event Coordinator:** Prof. Kimi Ramteke

**Number of Participants:** 39

**Activity Description in Nutshell:** This Value added Course was organized by the Department of Computer Engineering for Third year students on 20th July 2024. Shridhan Rokade is CEO at Expert Cloud Consulting.

In Session 1, Speaker Vishal singh on Topic GenAI explained Key points:

History of Gen AI with real time example

Discussed transformer architecture in detail

Encoder model e.g BERT,ALBERT,RoBERT

Decoder model e.g CTRL,GPT,GPT2

Encoder-decoder model E.g BERT

Prompt Engineering



- few shot learning
- zero shot prompt
- types of foundation model
- career opportunities in GenAI

In Session 2, Speaker Pranav Phadke explained -Live demonstration on AWS :Deploy software using CDK pipeline with cloud9 server and Test case Models. He also discussed cloud formation, code builder.

In Session 3, Speaker Toshali Khawale discussed ML importance like

- ML in an iterative process
- MLOps and lifecycle
- MLOps key personas and Roles
- Difference between MLOps and DevOps
- ML infrastructure tools selection(EC2,Amazon SageMaker)
- MLOps Consideration in different areas

He covered the topics like n/w and Data security, Code & container security, Model Security. At the end of the session, he conducted a Quiz for students' attainment about topics covered.

**Prof. Kimi Ramteke**  
**Add-on & Value added course Coordinator**

**Dr. Ajitkumar Shitole**  
**Head of Department**