



“AWS Cloud Practitioner Online Training”

Date: From June 2021 to August 2021

Coordinator(s) Name: Prof. Rashmi Bangar

Total Number of Participants: 90

Targeted Audience: UG students of the University

About the Event: The Department of Computer Science and Engineering conducted an AWS Cloud Practitioner Online Training for all pre-final year students from June 2021 to August 2021. The sessions were led by Prof. Shivakumar Kagi, a certified AWS trainer and faculty member. This initiative was part of an effort to introduce students to foundational cloud computing concepts and AWS services.

The course was delivered as part of the **AWS Academy Cloud Foundations (ACF)** curriculum (version 2.0) with a duration of Approximately **20 hours** of training over a minimum of two weeks.

The program included:

- Instructor-led online sessions
- Lab exercises
- Digital training resources
- AWS Academy portal activities
- Attendance tracking and portal-based assessments

Learning Objectives:

By the end of the course, students were expected to:

- Understand cloud computing principles and AWS core services
- Grasp AWS pricing models and cost management tools
- Identify AWS global infrastructure and security best practices
- Gain hands-on experience with AWS services such as:
 - Amazon EC2, Lambda, Elastic Beanstalk (Compute)
 - Amazon S3, EBS, EFS, Glacier (Storage)
 - Amazon RDS, DynamoDB, Redshift, Aurora (Databases)
 - VPC, Route 53, CloudFront (Networking)
 - IAM, CloudWatch, Auto Scaling, and ELB (Security and Monitoring)