

STTP Name: - Essentials of Cloud Computing

Name of College: - A. P Shah Institute of Technology, Kasarwadavli,
Ghodbunder Road, Thane (Maharashtra)

Department: - Information Technology & Computer Engineering

Date: - 13/06/2022 to 17/06/2022

Participants: -

Targeted Audience: Students of SE and BE from Information Technology, Computer Engineering and Electronic and Telecommunication department.

Speaker: -

1. Prof. Sonia Aneesh, AWS Academy Educator, Assistant Professor, Department of Electronics and Telecommunication Engineering, APSIT
2. Prof. Amol Kalugude, AWS Academy Instructor, Assistant Professor, Department of Computer Engineering, APSIT
3. Prof. Yaminee Patil, AWS Academy Instructor, Assistant Professor, Department of Information Technology, APSIT
4. Prof. Nahid Shaikh , AWS Academy Educator, Assistant Professor, Department of Computer Engineering, APSIT
5. Prof. Vishal Badgajar, AWS Academy Instructor, Certified Redhat Academy Instructor, Department of Information Technology, APSIT.

Faculty Accompanied: -

- 1.) Prof. Kiran Deshpande

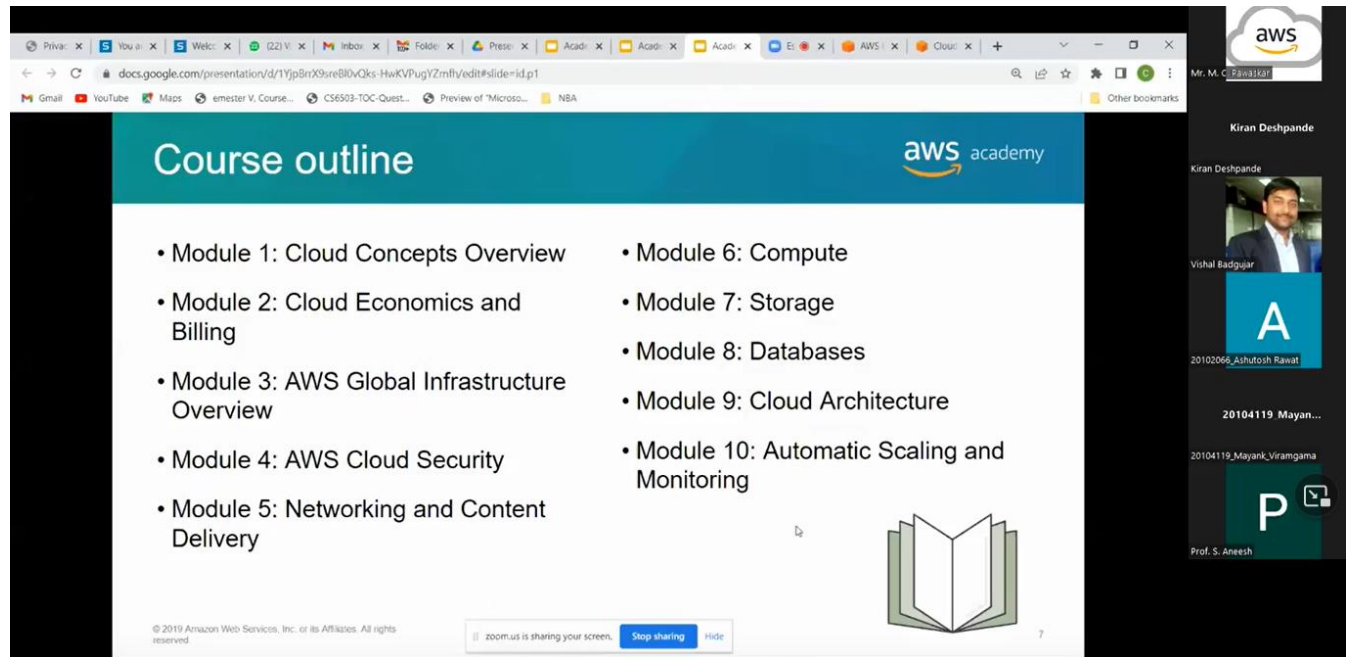
Aim of STTP: -

AWS Academy Cloud Foundations is intended for students who seek an overall understanding of cloud computing concepts, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS core services, security, architecture, pricing, and support.

This course delivers hands-on learning experiences that prepare student for industry-recognized certifications and in-demand cloud jobs. The AWS Academy curriculum is designed to help students develop technical expertise in cloud computing and help them

prepare for AWS Certification. Global certification will further help strengthen technical profile and open up more placement opportunities.

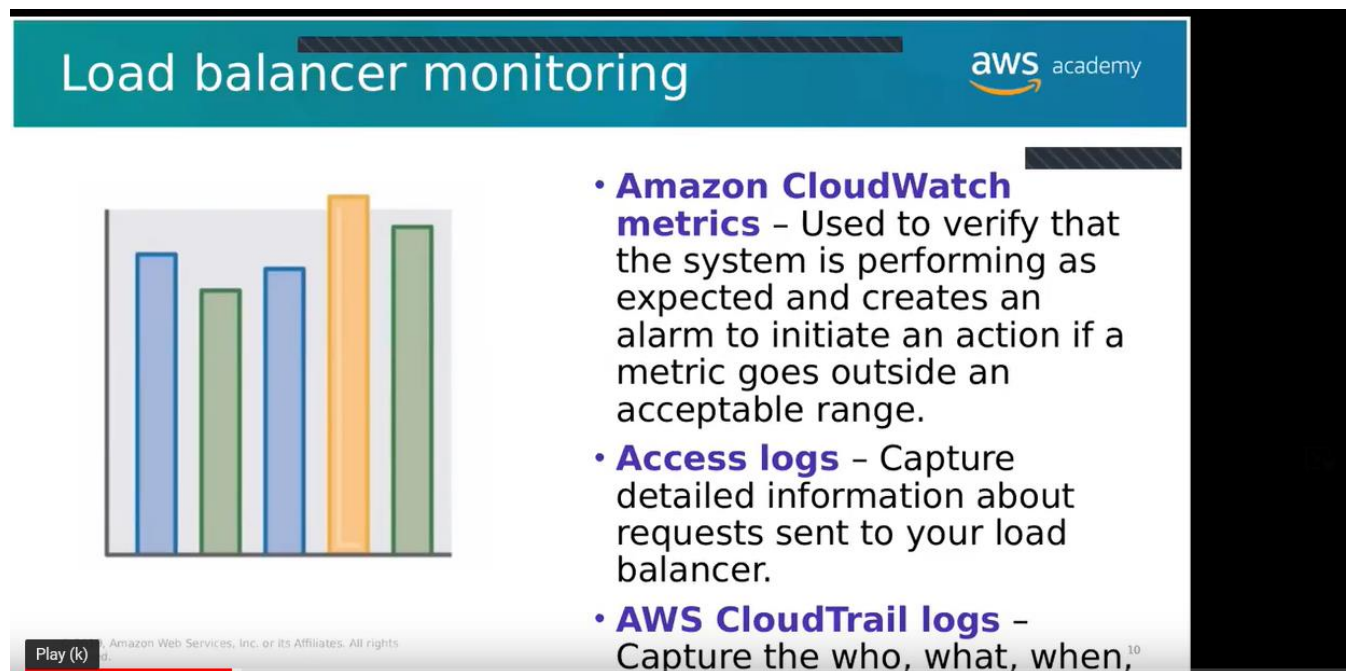
Some Screenshots:



The screenshot shows a Zoom meeting window displaying an AWS Academy slide titled "Course outline". The slide lists 10 modules:

- Module 1: Cloud Concepts Overview
- Module 2: Cloud Economics and Billing
- Module 3: AWS Global Infrastructure Overview
- Module 4: AWS Cloud Security
- Module 5: Networking and Content Delivery
- Module 6: Compute
- Module 7: Storage
- Module 8: Databases
- Module 9: Cloud Architecture
- Module 10: Automatic Scaling and Monitoring

The slide also features the AWS Academy logo, a book icon, and a footer with copyright information: "© 2019 Amazon Web Services, Inc. or its Affiliates. All rights reserved." A Zoom sharing control bar is visible at the bottom of the slide.



The screenshot shows an AWS Academy slide titled "Load balancer monitoring". On the left, there is a bar chart with five bars of varying heights and colors (blue, green, blue, orange, green). On the right, there is a list of monitoring tools:

- **Amazon CloudWatch metrics** - Used to verify that the system is performing as expected and creates an alarm to initiate an action if a metric goes outside an acceptable range.
- **Access logs** - Capture detailed information about requests sent to your load balancer.
- **AWS CloudTrail logs** - Capture the who, what, when,

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