



Hands-On Workshop on Amazon Web Services (AWS)

Faculty event coordinator: Prof.Ankita Chauhan, Prof.Aakash Dave

Student event coordinator: Aarav Lad (Vice-Chair), Ami Mistry (Secretary)

Event Name: Hands-On Workshop on Amazon Web Services

Date: 24/02/2024

Venue: D003 Lab

No of participants: 40

IEEE Members: 5

Non IEEE Members: 35

Event Type: Hands-On Workshop

Event level: Student Branch

Duration: 3 hrs

About Speaker:

Mr. Nirav Desai, Analyst Engineer at SLS, AWS Authorised Instructor, AWS Solution Architect.

Banner/ poster:

MBIT
MADHUBEN & BHANUBHAI PATEL
INSTITUTE OF TECHNOLOGY

INSTITUTION'S
INNOVATION
COUNCIL
Member of AICTE

MBIT
IEEE Student Branch

CVM
UNIVERSITY

MADHUBEN & BHANUBHAI PATEL INSTITUTE OF TECHNOLOGY
(A Constituent College of CVM University)

**A HANDS-ON WORKSHOP ON
AMAZON WEB SERVICES (AWS)**

Organize by Computer Engineering Department
in collaboration with IEEE Student Branch

Registration Link: <https://bit.ly/MBITAWSWorkshop>

Saturday
24 February, 2024

09:00 AM
Onwards

Mr. Nirav Desai
Analyst Engineer
System Level Solutions

Faculty Coordinators

Prof. Ankita Chauhan
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Event Description:

Dive into the world of AWS with MBIT's Computer Department, in collaboration with IEEE! Don't miss out on this opportunity to enhance your skills with expert guidance from Mr. Nirav Desai, Analyst Engineer at System Level Solutions. MBIT IEEE SB organised a Hands-On Workshop on Amazon Web Services.

The MBIT IEEE Student Branch recently hosted a dynamic workshop designed to unlock the mysteries of AWS and equip participants with practical skills essential for navigating the cloud with confidence. This immersive event was meticulously crafted to provide attendees with a comprehensive understanding of AWS services through engaging sessions and hands-on activities.

Throughout the day, participants delved deep into a range of AWS topics, guided by experienced industry professionals. From the basics of AWS infrastructure to advanced concepts like VPC peering, attendees embarked on a transformative learning journey, gaining insights and practical skills that are invaluable in today's digital landscape.

Topics covered were:

- What is AWS?
An overview of AWS and its significance in modern computing infrastructure
- Virtual Machines (EC2):
Understanding EC2 instances and their role in cloud computing.

- **Virtual Private Cloud:**
Exploring VPCs and their importance in creating isolated network environments within AWS.
- **Subnet (Public and Private Subnet):**
Differentiating between public and private subnets and their use cases.
- **Internet Gateway and NAT Gateway:**
Understanding gateways and their functions in connecting VPCs to the internet and enabling communication with external networks.
- **Security Group:**
Exploring security groups and their role in controlling inbound and outbound traffic to AWS resources.
- **VPC Peering:**
Understanding VPC peering and its significance in establishing communication between VPCs within the same or different AWS accounts.

The workshop proved to be a valuable learning experience for participants of all skill levels. Attendees gained insight into essential AWS services and honed their practical skills through hands-on activities. By fostering collaboration and knowledge sharing, IEEE MBIT SB successfully empowered individuals to navigate the complexities of cloud computing with confidence.

Glimpses:



