CAREER GUIDANCE & PLACEMENT CELL

Training and E-Certification Program

on

AMAZON WEB SERVICES (AWS)

Date: 09-02-2021 to 12-02-2021

Resource Person: V.Rupesh kumar, Technical Skill Trainer, APSSDC

Description of the programme:

Organizations need individuals with AWS skills to help transform their business. AWS training and certification helps you build and validate skills so we can get more out of the cloud. The content is created by experts at AWS and updated regularly so we can keep our cloud skills fresh**.**

Training and E-Certification Program on Amazon Web Services (AWS) is the Training program which helps the Students to learn Amazon Web Services (AWS) Techniques. This training made the Students empowered to deliver a more impactful lecture than before.

The session started with a welcome note. The Resource person **Sri Rupesh Kumar** briefed about the importance of Amazon Web Services (AWS) in this Technical world. He started **The Day-1** Session with an introduction of AWS History and Cloud Computing. **Cloud Computing** comprises of three services:

Software-as-a-service (SaaS)

Infrastructure-as-a-service (IaaS)

Platform-as-a-service (PaaS).

The Resource Person explained about **how to import a remote server using EC2**, which allows users to store files on their servers, synchronize files across devices, and share files. Cloud computing is providing developers and IT departments with the ability to focus on what matters most and avoids undifferentiated work like procurement, maintenance, and capacity plans. As cloud computing has grown in popularity, several different models and deployment strategies have emerged to help meet specific needs of different users. Each type of cloud service, and deployment method, provides you with different levels of control, flexibility, and management.

Explanation by the Resource Person

Amazon Web Services (AWS) provides a simple way to access servers, storage, databases and a broad set of application services over the Internet. A cloud services platform such as Amazon Web Services owns and maintains the network-connected hardware required for these application services, while you provision and use what you need via a web application.

The Day 1 session ended with a practical session of creating a Ubuntu server using **AWS EC2** service.

DAY-2

Creating a bucket

The AWS account that creates the bucket owns it. We can upload any number of objects to the bucket. By default, we can create up to 100 buckets in each of our AWS accounts. If we need more buckets, we can increase our account bucket limit to a maximum of 1,000 buckets by submitting a service limit increase. To learn how to submit a bucket limit increase.

Practical Session

We can store any number of objects in a bucket. The Resource Person cleared the concept of creating a bucket using **AWS S3** with people and choosing whether they can view, edit, and how to upload files from PC.

DAY-3

Day-3 Session was started with creating a **Web Application** and **How to install and use putty** helps in creating dynamic and static web pages. The Students learned about accessing, creating, sharing web pages using IP addresses. Some of the students created a sample web page. Through putty software.


Clarification of Doubts

Day3 is all about on hands on practice of creating web applications both static and dynamic and how to store it in bucket.

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DAY-4

The Day-4 Session was started with the VPN Security service. AWS Virtual Private Network solutions establish secure connections between your on-premises networks, remote offices, client devices, and the AWS global network. **AWS VPN** is comprised of two services: AWS Site-to-Site VPN and AWS Client **VPN.** Together, they deliver a highly-available, managed, and elastic cloud VPN solution to protect your network traffic.
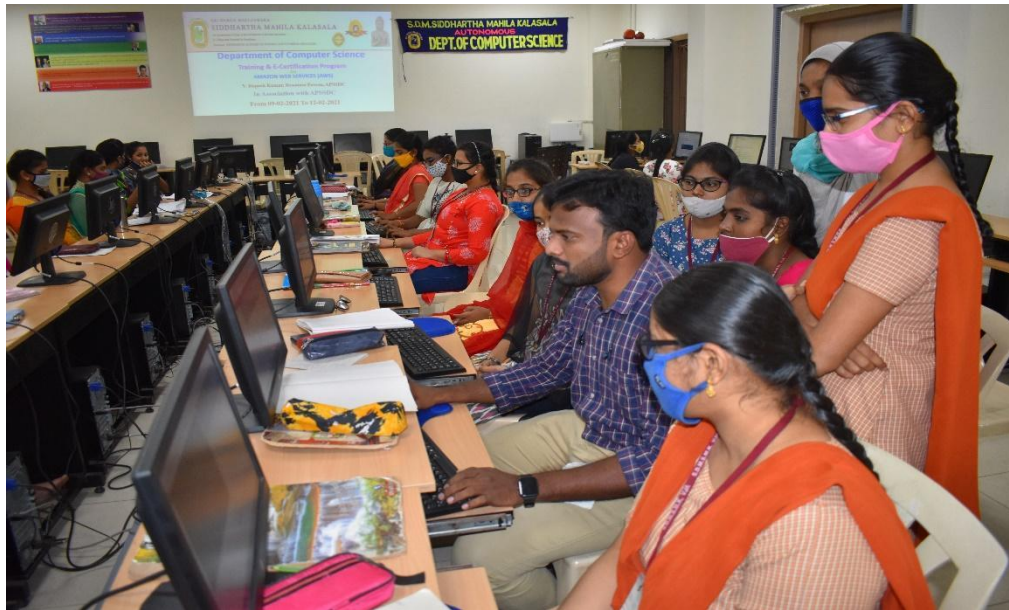
Hands on session

AWS Site-to-Site VPN creates encrypted tunnels between your network and your Amazon Virtual Private Clouds or AWS Transit Gateways. For managing remote access, AWS Client VPN connects your users to AWS or on-premises resources using a VPN software client.

End of the Session

     Dr. T. Vijaya Lakshmi, Director and **Dr. K. Sudha Rani, Principal** like to thank our distinguished speaker **Mr. Rupesh Kumar** for making an excellent presentation and making this training session very useful and interesting