



## Report on Amazon Web Services Technical Essentials Workshop



Department of Information Technology, V.R Siddhartha Engineering College Organized Four day Hands on Workshop on **Amazon Web Services Technical Essentials Workshop** with resource person from APSSDC. Details as follows:

### Schedule for the Workshop

Session	Traget Audience	Dates
<b>Amazon Web Services Technical Essentials Workshop</b>	B. Tech II Year (IT-1 & IT-2)	24th July – 27 <sup>th</sup> July, 2019

### About the Workshop:

A Four day Hands-On-Workshop on **Amazon Web Services Technical Essentials Workshop**, with APSSDC AWS team to unlock knowledge of students and to empower them with AWS cloud services.

**Target Audience:** II/III B.Tech. Students of Department of IT, VRSEC

**Venue:** IT IBM Lab.

### Resource Person:

- Mr. Kethavath Ram Babu, APSSDC.

### Course Objectives

This course teaches you how to:

- Recognize terminology and concepts as they relate to the AWS platform and navigate the AWS Management Console.
- Understand the foundational services, including Amazon Elastic Compute Cloud (EC2), Amazon Virtual Private Cloud (VPC), Amazon Simple Storage Service (S3), and Amazon Elastic Block Store (EBS).
- Understand the security measures AWS provides and key concepts of AWS Identity and Access Management (IAM).
- Understand AWS database services, including Amazon DynamoDB and Amazon Relational Database Service (RDS).

- Understand AWS management tools, including Auto Scaling, Amazon CloudWatch, Elastic Load Balancing (ELB), and AWS Trusted Advisor.

**Course Content:**

Session	Content
Morning (Day-1)	<ul style="list-style-type: none"> <li>• Introduction to Cloud Computing, Why AWS Overview of Amazon Web Services</li> </ul>
Afternoon Session (Day-1)	<ul style="list-style-type: none"> <li>• Navigate the AWS Management Console Compute(EC2,Amazon lightsail) Networking(VPC, VPN) Storage options provided by AWS(S3,EBS,Glacier)</li> </ul>
Morning (Day-2)	<ul style="list-style-type: none"> <li>• Overview of AWS Identity and Access Management Service Overview of AWS database services(RDS,DynamoDB) Effective usage of AWS management tools(Auto Scaling,Amazon CloudWat Balancing (ELB) &amp; AWS Trusted Advisor)</li> </ul>
Afternoon Session (Day-2)	<ul style="list-style-type: none"> <li>• Miscellaneous Topics(IoT, Image Recignition, etc.,) Overview of AWS Certification courses</li> </ul>

**Outcomes:**

- Access to free Career pathways to help you define your career growth.
- Collaboration opportunities, including the opportunity to attend free in-person and virtual events.

**Convener**

Dr. M. Suneetha, Prof & HOD, IT

**Coordinators**

Dr G Ramakoteswara rao

B.L.N. Phaneendra Kumar

M.Ashok kumar

V.Radhesyam

**Organized by**

Department of Information Technology

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In Association with APSSDC,

**Sponsored by**

Siddhartha Academy of General & Technical Education  
Vijayawada

