



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

## Report on “Workshop on AWS-Cloud Computing”

<b>Event Type</b>	:	Workshop
<b>Date(s)</b>	:	18-01-2022 to 22-01-2022
<b>Resource Person(s)</b>	:	Mr. Ram deep Rentapalli and Mr. Rupesh Kumar. A P S S D C.
<b>Name of Convener</b>	:	Dr O. Rama Devi, Professor & HoD, Dept. of AI & DS
<b>Name of Coordinators</b>	:	Mr. S. Siva Rama Krishna, Asst. Professor, Dept. of AI & DS Mr. K. Venkatesh, Asst. Professor, Dept. of AI & DS Mr. P. Gandhi Prakash, Asst. Professor, Dept. of AI & DS
<b>Target Audience</b>	:	II Year B.Tech. Students
<b>Total no of Participants</b>	:	69
<b>Objective of the Event</b>	:	<ul style="list-style-type: none"><li>✓ Introduction to AWS and cloud computing</li><li>✓ AWS academy accounts creation,</li><li>✓ Explanation about VPC and Load Balancer</li><li>✓ AWS career pathway explanation</li><li>✓ Configure the Amazon Relational Database Service</li></ul>

### **Description of the Event:**

AI&DS department planned to conduct Workshop on “AWS-Cloud Computing” organize by Mr. Ram deep Rentapalli and Mr. Rupesh Kumar In Association with APSSDC for II B. Tech Students and Dr. O Rama Devi, Head of the Department, introduced the resource persons and welcomed all the participants to the Guest Lecture.

### **Resource Person have discussed the following points**

- Day 1:** Introduction to Cloud computing, AWS Introduction, AWS career pathway explanation, AWS academy accounts creation, Students registration process, AWS management console overview.
- Day 2:** Overview of compute services, Amazon EC2 explanation, Amazon EBS, Elastic IPs overview, AMIs. Hands on sessions
- Day 3:** Overview of Networking Services, VPC introduction, Subnets, Route table and gateways

explanation, Load Balancers. Hands on session: Exercise 1: To create your own VPC in AWS console Exercise: VPC creation

**Day 4.**Creation of the private subnets Creation of the internet Gateway Creation of the Route

Table.To launch the Ubuntu instance in your own VPC with private subnet and public subnet

**Day 5:**Exercise : Website hosting using WINSXP with the instance Exercise: To configure the load Balancer.

Mr. K. Venkatesh, Coordinator thanked the resource person for his valuable, outstanding, and overwhelming presentation. He expressed this workshop has given more knowledge on Cloud computing to students insights of implementing it. He also thanked every participant for their active participation during entire session.

**Feedback/ Suggestions:**

All the participants expressed very positive feedback. They expressed its an outstanding and motivational. This Workshop on “AWS-Cloud Computing “ met the program objectives.

## Gallery of the Workshop



**Inauguration Speech by  
Dr. K. Apparao , Principal, LBRCE.**



**Inauguration Speech by  
Dr. O.Rama Devi, HOD, Department of AI&DS**



**Mr. Rupesh Kumar, Resource Person Addressing the Students**

*Rama Devi*

**Dr O. Rama Devi  
(Head of the Department)**