



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**  
Accredited by NAAC with 'A' Grade & NBA (Under Tier - I) An ISO  
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Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

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## DEPARTMENT OF INFORMATION TECHNOLOGY

### Workshop Report

Two-Day Hands on Workshop on “AWS Cloud Fundamentals” Organized by Department of Information Technology, Lakireddy Bali Reddy College of Engineering.

**Dates:** 9th & 10th February 2026

**Venue:** Department of IT Seminar HALL

**Participants:** 110 students from III Year IT

**Resource Persons:**

- Mr. K. Teja AWS Developer, Gradeskey Technologies Pvt. Ltd.
- Mr. Sounder Rajan, Java Developer, Gradeskey Technologies Pvt. Ltd.

**Convener:**

Dr D.Ratna Kishore, Professor, HOT-IT

**Co-Convener:**

Dr. S. Naganjaneyulu, Professor, Dept. of IT

**Coordinator**

Mr. M.Vijay Kumar, Sr Asst Prof Dept of IT

### 1. Introduction

The Department of Information Technology, Lakireddy Bali Reddy College of Engineering, organized a two-day workshop titled “AWS Cloud Fundamentals:” from 9th & 10th February 2026. The event aimed to strengthen the Cloud skills of students and provide them with hands-on experience in developing Cloud-based applications using modern tools and environments.

## Banner:

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
**(AUTONOMOUS)**  
Approved by AICTE, New Delhi and Permanently affiliated to JNTUK, Kakinada  
L.B. Reddy Nagar, Mylavaram, N.T.R. District, Andhra Pradesh-521230

**NBA**  
ASE, CE, CSE, ECE,  
EEE, IT & ME  
Under Tier-I

**NAAC**  
CGPA: 3.20/4

**WORKSHOP ON AWS CLOUD FUNDAMENTALS BY GRADESKEY**  
Dates : 9-02-2026 to 10-02-2026

**Director : Sounder Rajan**

**Senior Technical Lead**  
**Mr. Srikanth**

Problem solving through  
java  
python

**In Association With IEEE**

**IITM Pravartak**  
Skilling partner

**Cloud technology & AWS Expert**  
**Mr. Teja**

**aws**

[www.gradeskey.com](http://www.gradeskey.com)

## 2. Objectives of the Workshop

- To provide a strong foundation in AWS concepts.
- To familiarize students with Cloud principles.
- To impart practical knowledge through hands-on sessions on real-time cloud applications.
- To bridge the gap between academic learning and industry expectations.

### 3. Workshop Brochure

#### About the Department

The Department of Information Technology aims to equip students with industry-relevant technical skills and practical knowledge aligned with emerging technologies. The department continuously organizes workshops, training programs, and certification courses to enhance students' professional competencies. With modern computing infrastructure, high-speed internet facilities, and experienced faculty, the department promotes innovation, research, and hands-on learning to prepare students for careers in cloud computing, software development, and advanced IT domains.

#### Program Outcomes

##### PO1 – Engineering Knowledge;

Apply knowledge of computing fundamentals, cloud architecture, and networking concepts to solve real-world computing problems.

##### PO2 – Problem Analysis;

Identify and analyze computing requirements and design suitable cloud-based solutions using analytical and technical skills.

##### PO3 – Design & Development of Solutions;

Design scalable, reliable, and secure cloud solutions using industry-standard cloud platforms.

##### PO4 – Investigation of Problems;

Conduct experiments and analyze cloud performance metrics such as scalability, availability, and cost optimization.

##### PO5 – Modern Tool Usage;

Use modern cloud tools and services including virtual machines, storage services, monitoring tools, and deployment platforms.

##### PO6 – Engineer and Society;

Understand the societal impact of cloud technologies including data privacy, accessibility, and digital transformation.

##### PO7 – Environment & Sustainability;

Recognize how cloud computing promotes energy efficiency and sustainable IT infrastructure through shared resources.

##### PO8 – Ethics;

Apply professional ethics and follow best practices in cloud security, compliance, and responsible data handling.

##### PO9 – Individual and Team Work;

Work effectively as individuals and team members in deploying and managing cloud-based projects.

##### PO10 – Communication;

Communicate cloud architecture designs, technical reports, and deployment strategies effectively.

##### PO11 – Project Management & Finance;

Understand cloud cost models, billing structures, and resource optimization strategies.

##### PO12 – Life-Long Learning;

Engage in continuous learning to keep pace with rapidly evolving cloud technologies.

#### Program Specific Outcomes (PSO)

##### PSO1;

Understand fundamental cloud computing concepts including virtualization, storage, networking, and deployment models.

##### PSO2;

Design, deploy, and manage applications using cloud services provided by Amazon Web Services (AWS).

##### PSO3;

Implement scalable and secure cloud solutions using modern DevOps and automation practices.

#### Objectives of the Workshop:

To introduce students to fundamental concepts of cloud computing and AWS services

To introduce students to fundamental concepts of cloud computing and AWS services.

To provide hands-on experience with cloud infrastructure setup and management.

To understand core AWS services such as compute, storage, networking, and databases.

To develop practical skills in deploying applications on the cloud platform.

To bridge the gap between academic learning and industry cloud requirements.

#### Introduction of the Workshop

The Department of Information Technology organized a hands-on workshop on **AWS Cloud Concepts** to familiarize students with modern cloud computing technologies. The workshop focused on introducing participants to cloud fundamentals, service models (IaaS, PaaS, SaaS), deployment models, and essential AWS services. Students gained practical exposure through guided lab sessions involving virtual machine creation, cloud storage configuration, and application deployment. The program aimed to enhance students' industry readiness by providing real-time experience in cloud environments and promoting awareness of cloud certification opportunities and career pathways.

## Workshop Sessions and Activities Day 1 – Cloud Fundamentals & Core AWS Services

### Forenoon Session (9:30 AM – 12:30 PM)

#### Introduction to Cloud Computing & AWS Basics

#### Topics Covered:

##### 1. Introduction to Cloud Computing

- Traditional IT vs Cloud Computing
- Advantages of Cloud Computing
- Cloud Characteristics (Scalability, Elasticity, Availability)

## 2. Cloud Service Models

- IaaS (Infrastructure as a Service)
- PaaS (Platform as a Service)
- SaaS (Software as a Service)

### Activity:

Students login to AWS Console and explore dashboard.

## Afternoon Session (1:00 PM – 4:00 PM)

### 3. Cloud Deployment Models

- Public Cloud
- Private Cloud
- Hybrid Cloud
- Multi-cloud

### 4. Overview of Amazon Web Services (AWS)

- Global Infrastructure (Regions & Availability Zones)
- AWS Management Console
- AWS Free Tier

### 5. AWS Account Setup

- Creating AWS account
- IAM introduction
- Security best practices

## Day 2 – Cloud Fundamentals & Core AWS Services

AWS Compute & Storage Services (Hands-on)

### Forenoon Session (9:30 AM – 12:30 PM)

#### Topics Covered:

#### 1. Amazon EC2 (Elastic Compute Cloud)

- Virtual Machines concept
- Instance types
- Launching EC2 instance
- Key pairs & security groups

#### 2. Amazon EBS

- Storage volumes
- Attach & manage storage

#### 3. Amazon S3 (Simple Storage Service)

- Object storage concept
- Buckets and objects
- Uploading files
- Permissions & access control

## Afternoon Session (1:00 PM – 4:00 PM)

### 4. Introduction to AWS Pricing

- Pay-as-you-go model
- Cost awareness basics

## Hands-on Lab:

- Launch EC2 instance
- Connect using SSH/RDP
- Create S3 bucket and upload files

## 4. Participation

More than 110 students from the Department of Information Technology actively participated in the workshop. The sessions were designed to encourage active learning through live demonstrations and hands on exercises.

## 5. Attendance Sheets:

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		<b>DEPARTMENT OF INFORMATION TECHNOLOGY</b>					
		<b>Attendance Sheet for A 2-Day Workshop on AWS Cloud Services</b>					
		<b>09-02-2026 &amp; 10-02-2026</b>					
<b>A.Y: 2025-26</b>		<b>Year/Sem: III Year / VI Sem</b>				<b>Section-A &amp; B</b>	
S.NO	Roll No	Name of the student	09-02-2026		10-02-2026		
			FN	AN	FN	AN	
0	23761A1201	ADIVIKATLA BHANU NIRMALA TEJA	P	P	P	P	
2	23761A1202	AKULA ASHOK KUMAR	P	P	P	P	
3	23761A1203	AVULA NAVEEN KUMAR	P	P	P	P	
4	23761A1204	BADITHAMANI ROHITH KUMAR	AG	AG	P	P	
5	23761A1205	BATHULA VEERASWAMI	AG	AS	P	P	
6	23761A1206	BATTAGANI PAVITHRA	AG	AS	P	P	
7	23761A1207	BATTULA LAKSHMI MOHAN	P	P	P	P	
8	23761A1208	BIYYANI TRUE FRIEND	P	P	P	P	
9	23761A1209	CHALAMALA GOPI KRISHNA	P	P	AG	AS	
10	23761A1210	CHALLA LIKHITHA	P	P	AG	AS	
11	23761A1211	CHENNU PREETHI	P	P	P	P	
12	23761A1212	CHEREDDY VANITHA	P	P	P	P	
13	23761A1214	DEVARAKONDA BALACHANDRUDU	AG	AS	P	P	
14	23761A1215	DHADBANJAN SHREYA	P	P	P	P	
15	23761A1216	GOGINENI PRIYANKA	P	P	AG	AS	
16	23761A1217	GONGATI MOUNIKA TRIVENI	AG	AS	P	P	
17	23761A1218	GOSU ANJALI	AG	AS	P	P	
18	23761A1219	GOTTE CHARAN TEJA	P	P	P	P	
19	23761A1220	GUDDETI SWATHI	P	P	P	P	
20	23761A1221	GUNDALA JEEVAN RANI	P	P	P	P	
21	23761A1222	GUNDLATHOTI KRISHNAVENI	P	P	P	P	
22	23761A1223	KALAVALA AKHILA SOWJANYA	P	P	P	P	
23	23761A1224	KARNATI RUCHITHA MALINI	P	P	P	P	
24	23761A1225	KOVVALI NAVEEN KUMAR	P	P	P	P	
25	23761A1226	KUNAPAREDDY LASYA SRI	P	P	P	P	
26	23761A1227	KUNCHAPU NIKHIL SAI	P	P	AG	AS	
27	23761A1228	KURCHETI AJAY KUMAR	P	P	P	P	
28	23761A1229	MARSAKATLA GOPALA KRISHNA	P	P	P	P	
29	23761A1230	MAYALA NAGA VENKATA SITARAMA KOUSIK	P	P	P	P	
30	23761A1231	MEDIDHI PHANINDRA CHARI	P	P	P	P	
31	23761A1232	MEKALA SANDHYA	P	P	P	P	
32	23761A1233	MOGLI SUMANTH	AG	AG	P	P	
33	23761A1234	MORAM LEELA NARASIMHA	P	P	P	P	

S.NO	Roll No	Name of the student	09-02-2026		10-02-2026	
			FN	AN	FN	AN
34	23761A1235	MULLANGI SAMUEL BABU	P	P	P	P
35	23761A1236	MUNGAMURI MAHESH BABU	P	P	P	P
36	23761A1237	PADIGALA TRIVENI	P	P	P	P
37	23761A1238	PAMARTHI NOSHITH MANIKANTA GOWD	P	P	P	P
38	23761A1239	PONNAM KALYANI	P	P	P	P
39	23761A1240	PUDUKOTA NIVEDITHA	P	P	P	P
40	23761A1241	PUNUKOLLU SAI SATHVIKA	P	P	P	P
41	23761A1242	RAMISETTI SAICHARAN	P	P	P	P
42	23761A1243	RAYURI LAJWANTH V N P	P	P	P	P
43	23761A1244	REDDINI JAHNAVI	P	P	P	P
44	23761A1245	REDDY ANITHA	P	P	P	P
45	23761A1246	SADHU JYOTHRIMAL	P	P	P	P
46	23761A1247	SANJANA JARRIPOTHULA	P	P	P	P
47	23761A1248	SHAIK NAGUR BAJI	P	P	P	P
48	23761A1249	SHAIK REHIMA THUNNISA	P	P	P	P
49	23761A1250	SHAIK RIHANA	P	P	P	P
50	23761A1251	SIMHADRI THANMAYI SAI AMRUTHA	P	P	P	P
51	23761A1252	SOMAVARAPU SINDHU	P	P	P	P
52	23761A1253	SRIKAKULAPU NAGA SAI RAM	P	P	P	P
53	23761A1254	SURAMSETTI PAVANI	P	P	P	P
54	23761A1255	SYED AKBAR	P	P	P	P
55	23761A1256	TATIKONDA BHASKAR	P	P	P	P
56	23761A1257	THOKALA NAVYA	P	P	P	P
57	23761A1258	THOTA AJAY KUMAR	P	P	P	P
58	23761A1259	THOTA TEJASWI	P	P	P	P
59	23761A1260	THOTA YUVA RAJU	P	P	P	P
60	23761A1262	VADDEVOLU HARSHA VARDHAN	P	P	P	P
61	23761A1263	VANAMA SAI SASHANK	P	P	P	P
62	23761A1264	VEMU ADITYA	P	P	P	P
63	23761A1265	VEMULA UMA MAHESWARA RAO	P	P	P	P
64	23761A1266	VUYURU SRI LAKSHMI KEERTHI	P	P	P	P
65	24765A1201	CHINNI VENU MADHAV	P	P	P	P
66	24765A1202	DOPPALA ABHINAYA ANAND	P	P	P	P
67	24765A1203	EDA SAI KIRAN	P	P	P	P
68	24765A1204	INDUGU ANJI	P	P	P	P
69	24765A1205	SHAIK AMEER	P	P	P	P
70	24765A1206	SHAIK RIHA	P	P	P	P
71	23761A1267	AKIREDDY ANURADHA	P	P	P	P
72	23761A1268	ALAVALA SURESH DATTHA REDDY	P	P	P	P
73	23761A1269	ANCHA SWATHI	P	P	P	P
74	23761A1270	ANNAMANETI NIKHITHA SAI	P	P	P	P
75	23761A1271	ANNAMANETI VENKATA SARVAN	P	P	P	P
76	23761A1272	BADINENI JASWANTH	P	P	P	P
77	23761A1273	BODDU POOJITHA	P	P	P	P

S.NO	Roll No	Name of the student	09-02-2026		10-02-2026	
			FN	AN	FN	AN
78	23761A1274	BORRA MADHU BABU	P	P	P	P
79	23761A1275	BUDATI BHUVANESH	P	P	P	P
80	23761A1276	CHANDIKA SATYA SADVIK	P	P	P	P
81	23761A1277	CHINNAPUREDDY MANIKANTA	P	P	P	P
82	23761A1278	CHITTIMADA VARSHITH	P	P	P	P
83	23761A1279	DAVULURI JYOTHI	P	P	P	P
84	23761A1280	DIRISHALA VARSHITHA	P	P	P	P
85	23761A1281	GANAPAVARAPU ROHAN KUMAR	P	P	P	P
86	23761A1283	GANGAVARAPU MAHESWARI	P	P	P	P
87	23761A1284	GUBBALA NAVYA	P	P	P	P
88	23761A1285	GUGGILAM PRIYA VANDANA NAGA SAI	P	P	P	P
89	23761A1286	GUNTAKA NILAKANTA VISHNU VARDHAN REDDY	P	P	P	P
90	23761A1287	JANJANAM RISHIKA LAKSHMI	P	P	P	P
91	23761A1290	JAVVAJI GOPI CHANDU	P	P	P	P
92	23761A1291	JONNALAGADDA GOWTHAM RAJU	P	P	P	P
93	23761A1292	KANAGALA LOHITHA SRI	P	P	P	P
94	23761A1293	KANDI NANDINI	P	P	P	P
95	23761A1294	KATARAPU PRASANTHI	P	P	P	P
96	23761A1295	KETHEPALLI THARUN	P	P	P	P
97	23761A1296	KOSANAM NARASIMHA RAO	P	P	P	P
98	23761A1297	KOTA HARSHA VARDHAN	P	P	P	P
99	23761A1299	KURITI ARAVIND SAI	P	P	P	P
100	23761A12A0	KUSAM LAKSHMI PRASANNA	P	P	P	P
101	23761A12A1	LAKKAKULA SAI YOGITH	P	P	P	P
102	23761A12A2	LELLA AKSHAYA	P	P	P	P
103	23761A12A3	MARAPAKA SNEHA	P	P	P	P
104	23761A12A4	MAREEDU TEJASWINI	P	P	P	P
105	23761A12A5	MD ABDUL AZEEZ	P	P	P	P
106	23761A12A6	MENTI ROHITH	P	P	P	P
107	23761A12A7	MOUNIKA OBILLANENI	P	P	P	P
108	23761A12A8	MULA LAKSHMI PRASANNA	P	P	P	P
109	23761A12A9	NIMMALA TEJASWINI	P	P	P	P
110	23761A12B0	PAMARTHI KRISHNA VAMSI	P	P	P	P
111	23761A12B1	PARASA HEMANTH KESAVA	P	P	P	P
112	23761A12B2	PENDYALA MANEESH SURYA	P	P	P	P
113	23761A12B3	PERUMALLA VARALAKSHMI	P	P	P	P
114	23761A12B4	PONNA MAHALAKSHMI	P	P	P	P
115	23761A12B5	PRIYA KOMALI KOTERU	P	P	P	P
116	23761A12B6	RAAVI SAHITH	P	P	P	P
117	23761A12B7	RAMINENI BHANU PRASAD	P	P	P	P
118	23761A12B8	RAMISETTI CHARITHASRI	P	P	P	P
119	23761A12B9	RAYALA MRUDULA SAI	P	P	P	P
120	23761A12C0	RAYAVARAPU DJENDRA VARMA	P	P	P	P
121	23761A12C1	SAMANURI TEJA PRASANNA VARMA	P	P	P	P

S.NO	Roll No	Name of the student	09-02-2026		10-02-2026	
			FN	AN	FN	AN
122	23761A12C2	SANGANI VARDHAN	P	P	P	P
123	23761A12C3	SEELAMNENI ALEKHYA	P	P	P	P
124	23761A12C4	SHAIK ISMAIL JABIULLA	P	P	P	AS
125	23761A12C5	TALAMBRALA VARDHAN BABU	P	P	P	P
126	23761A12C6	TALLURI HEZYONI NIMSHI	P	P	P	P
127	23761A12C7	THOKA MARY KUMARI	P	P	P	P
128	23761A12C8	UPPALAPATI PRAVALLIKA	P	P	P	P
129	23761A12C9	VADAPALLI HEMANTH	P	P	P	P
130	23761A12D0	VEMIREDDY VYSHNAVI	P	P	P	P
131	23761A12D1	VEMULA S M SANKAR SAI LAKSHMI SREE RAM	P	P	P	P
132	23761A12D2	VINJAMURI MEGHANA	P	P	P	P
133	24765A1207	BHATHULA ANUSHA	AS	AS	P	P
134	24765A1208	BYPILLA RAJA KUMARI	P	P	P	P
135	24765A1209	CHALLA NARESH	P	P	P	P
136	24765A1210	KONGARAPU HARIKISHORE	AS	AS	AS	AS
137	24765A1211	MANGARAJU RAMYA	P	P	P	P
138	24765A1212	TOMMANDRU MAH BABU	AS	AS	P	P

Signature of Coordinator(s)

HOD:IT

## 6. Outcomes of the Workshop

The AWS Cloud Concepts Workshop enabled students to understand fundamental concepts of cloud computing and modern IT infrastructure. Participants gained practical exposure to core services of Amazon Web Services (AWS) through hands-on activities. Students learned how to create and manage virtual machines, cloud storage, and basic networking components. The workshop improved their understanding of cloud security practices and identity management. Students developed skills in deploying simple applications on cloud platforms. The sessions enhanced problem-solving abilities using real-time cloud environments. Overall, the workshop increased students' industry readiness and awareness of cloud certification and career opportunities.

## 7. Feedback

Students provided positive feedback on the AWS Cloud Concepts Workshop, appreciating the interactive sessions and hands-on learning approach. The practical exposure to Amazon Web Services (AWS) services helped them understand real-world cloud applications. Participants expressed interest in attending advanced cloud training programs in the future.

## 8. Conclusion

The workshop successfully introduced students to cloud computing fundamentals and AWS services. It enhanced practical knowledge, industry readiness, and awareness of cloud career opportunities.

through effective hands-on learning. The Department of Information Technology extends heartfelt gratitude to Grades key Technologies Pvt. Ltd. for their valuable contribution and to the management of Lakireddy Bali Reddy College of Engineering for their continuous support.

**9. Photographs (Include the attached images of the inaugural and lab sessions here in the final document.)**





