



## **PRACTICING CLOUD COMPUTING WITH AWS-PHASE 4 FDP**

**Organized by**

**Academic Staff College, KLEF**

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**20-09-21 To 25-09-2021**

Academic Staff College of KLEF organized an event practicing cloud computing with aws-phase 4 -fdp

The workshop series "Practicing Cloud Computing with AWS" reached its Phase 4 milestone, attracting 37 enthusiastic participants eager to expand their expertise in cloud computing. Mr. Stephen Samuels spearheaded this phase as the main resource person, joined by esteemed collaborators: Dr. Mukesh Kumar, Dr. S. Soma Raju from NIT Patna, Dr. C. Pavan Kumar from IIIT Dharwad, and Dr. Sanjay Kumar Panda.

Workshop Objectives:

- **Advanced AWS Services:** Delving into cutting-edge AWS services such as AWS Glue, AWS Redshift, and AWS SageMaker for data analytics, warehousing, and machine learning.
- **High Availability and Disaster Recovery:** Exploring strategies for ensuring high availability and implementing disaster recovery solutions using AWS services like AWS Route 53, AWS S3 Cross-Region Replication, and AWS Backup.
- **Cost Management:** Discussing advanced cost management techniques and tools, including AWS Budgets, AWS Cost Explorer, and Reserved Instances, to optimize AWS spending and maximize ROI.

- **Governance and Compliance:** Addressing governance and compliance challenges in cloud environments and demonstrating how AWS services like AWS Config, AWS CloudTrail, and AWS Organizations can help meet regulatory requirements.
- **Advanced Networking:** Providing insights into advanced networking concepts in AWS, including VPC peering, VPN connections, and Direct Connect, to design and implement secure and scalable network architectures.
- **Real-world Case Studies and Projects:** Presenting real-world case studies and engaging participants in hands-on projects to apply their knowledge and skills in practical scenarios.

**Outcome:**

Phase 4 of the workshop series was a resounding success, empowering participants with advanced knowledge and practical skills in leveraging AWS for cloud computing. The collaborative efforts of the resource persons and the active participation of the participants fostered a dynamic learning environment.

Overall, Phase 4 of the workshop series equipped participants with the expertise to design, deploy, and manage sophisticated cloud solutions using AWS, positioning them for success in their academic and professional endeavors.

Dr A Srinath

Principal – Academic Staff College



