



PRACTICING CLOUD COMPUTING WITH AWS-PHASE 3 FDP

Organized by

Academic Staff College, KLEF

13-09-21 to 18-09-21

Academic Staff College of KLEF organized a EVENT PRACTICING CLOUD COMPUTING WITH AWS-PHASE3 -FDP

The workshop series "Practicing Cloud Computing with AWS" progressed to Phase 3, welcoming 23 participants from KLEF (K L University Engineering Faculty). Mr. Stephen Samuels continued to lead the initiative as the main resource person, collaborating with esteemed educators: 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 deeper into advanced AWS services, including AWS Elastic Kubernetes Service (EKS), AWS Relational Database Service (RDS), and AWS Elastic Load Balancing (ELB).

Infrastructure as Code (IaC): Introducing participants to infrastructure as code principles and tools such as AWS CloudFormation and AWS CDK (Cloud Development Kit) for automating infrastructure deployment.

Serverless Computing: Exploring serverless computing concepts and AWS services like AWS Lambda, AWS API Gateway, and AWS Step Functions for building scalable and cost-effective applications.

Advanced Security Measures: Discussing advanced security measures and best practices for securing AWS environments, including identity and access management (IAM), encryption, and monitoring.

Performance Optimization: Providing insights into performance optimization techniques for AWS workloads, including scalability, caching, and performance monitoring.

Hands-on Labs and Projects: Offering hands-on labs and project-based learning opportunities for participants to apply their knowledge and skills in real-world scenarios.

Outcome:

Phase 3 of the workshop series empowered participants from KLEF 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 contributed to a rich learning experience.

Dr A Srinath

Principal – Academic Staff College



