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| **TLCE** Teaching Learning Center of Excellence, VIT, Vellore உழைப்பே உயர்வு தரும் | **Faculty Development Program** | **VIT** Vellore Institute of Technology (Deemed to be University under section 3 of UGC Act, 1956) |

**Title :** AWS Solution Architect

**Date :** 2024-07-08 - 2024-07-12
**Time :** 10:00 - 17:30
**Venue :** TT 318

## Discussion Points

- AWS Fundamentals and Core Services Overview of cloud computing and AWS global infrastructure. Key compute, storage, database, and networking services.
- Architectural Design Principles AWS Well-Architected Framework and best practices. Scalability, high availability, and serverless architectures.
- Architectural Design Principles AWS Well-Architected Framework and best practices. Scalability, high availability, and serverless architectures.
- Cost Optimization and Performance AWS pricing models, cost allocation, and budgeting. Performance monitoring and optimization strategies.
- Migration strategies and emerging AWS technologies.

**Resource Person 1 - Details**
**Name :** Goutham Nanjundaswamy
**Designation :** CTO, CDC
**University/ Company :** ETHNUS, BANGALORE
**Address :** INDIA, 530068.

**Resource Person's Profile :**

**1. Profile of Goutham Nanjundaswamy**
Mr. Goutham, co-founder of Ethnus Technologies, is a cloud computing expert with 9 years in software development. He specializes in AWS architecture and automation for ed-tech solutions. Goutham excels in implementing ML and data science processes on cloud platforms. His expertise includes cloud-native databases and serverless architectures. He leads the development of innovative AWS-based educational products, focusing on scalable learning platforms to transform online education

This Faculty Development Program (FDP) on AWS Solution Architect aims to equip educators with cutting-edge knowledge and skills in cloud computing, focusing on Amazon Web Services (AWS). The program addresses the growing demand for cloud expertise in the IT industry and academia. Participants will gain comprehensive insights into AWS architecture, services, and best practices, enhancing their ability to design scalable, secure, and cost-effective cloud solutions. The curriculum covers essential topics including core AWS services, architectural design principles, security frameworks, and cost optimization strategies. Through hands-on workshops and real-world case studies, faculty members will develop practical skills directly applicable to classroom instruction and research initiatives. This FDP aligns with current industry trends and educational needs, preparing educators to cultivate the next generation of cloud professionals. By the program's conclusion, participants will be well-positioned to integrate AWS concepts into their curricula, fostering innovation and employability among students in the rapidly evolving field of cloud computing.

AWS Official Website

**Coordinator's:**   **Prof. JAYAKUMAR S 12566 - Assistant Professor Sr. Grade 2 - SCOPE**
**Prof. SIVA RAMA KRISHNAN S 12305 - Assistant Professor Sr. Grade 2 - SCORE**