



*Department of Computer Science and
Engineering (Data Science)*

(IN ASSOCIATION WITH ICT ACADEMY)



organizes

**FACULTY DEVELOPMENT PROGRAMME
on**

**Cloud Practitioner
(AWS)**

3rd to 7th March, 2025

ORGANIZING COMMITTEE

RESOURCE PERSON

Syed Kamran

Senior Technical Trainer - Training and
Development

Guest of Honour

Dr. H B Aravind

Principal, BIET

Prof. Y Vrushabhendrappa

Director, BIET

Program Coordinator

Dr. Pradeep N

Dean Academics,
Professor and Head Department of
CS&E (Data Science), BIET

Event Coordinators

Prof. Gowramma B H

Assistant Professor,
Dept. of CS&E (Data Science), BIET

Prof. Sony V Hovale

Assistant Professor,
Dept. of CS&E (Data Science), BIET

ABOUT BIET

Bapuji Educational Association (BEA) is a conglomerate of over 50 educational institutions across the city of Davangere. The Association was established in the year 1958 with the inception of a first grade college in Davangere. Two medical colleges, two dental colleges, an engineering college - Bapuji Institute of Engineering & Technology (BIET) and numerous other colleges are associated with association. The Bapuji Educational Association is one of the oldest and most prestigious educational associations in Karnataka.

ABOUT DEPARTMENT

The Department of Computer Science and Engineering (Data Science) was established in 2022 as an academic center for undergraduate studies in Computer Science and Engineering (Data Science) and currently offers an undergraduate program with an intake of 60. It is supported by well-qualified faculty, non-teaching staff, and best-in-class infrastructure in imparting quality technical education in the field of data science.

The department focuses on providing a comprehensive education in data science, data analytics, and data visualization. Department aim to equip students with the skills, knowledge, and ethical principles needed to excel in data-driven fields. . We aim to equip students with the skills to analyze and interpret data, generating valuable insights that contribute to societal progress. By integrating research, education, and hands-on experience, we empower individuals to make a lasting impact in the field of data science. Our mission includes fostering industry collaborations to solve real-world problems using modern data science tools. We prioritize the development of individuals who are passionate about data-driven decision-making and have a strong foundation in the field. The department promotes a culture of life-long learning and intellectual curiosity.

ABOUT PROGRAM

The "Cloud Practitioner (AWS)" Faculty Development Program (FDP) is designed to provide educators and industry professionals with hands-on experience and in-depth knowledge of Amazon Web Services (AWS) cloud computing platform. This program focuses on equipping participants with the skills required to implement cloud-based solutions using AWS, enhancing their ability to integrate cloud technologies into their educational and professional practices. By the end of the FDP, participants will gain practical insights into AWS services, tools, and applications, empowering them to apply these concepts in real-world scenarios.

OBJECTIVES OF FDP

- To introduce participants to the fundamentals of Amazon Web Services and its various offerings.
- To provide hands-on experience in using key AWS services like EC2, S3, Lambda, RDS, and others.
- To help educators integrate cloud technologies into their curriculum and teaching methodologies.
- To promote awareness about AWS's role in driving innovation and digital transformation in organizations.

OUTCOMES OF FDP

By the end of the "Cloud Practitioner (AWS) Faculty Development Program, participants will have gained a comprehensive understanding of Amazon Web Services (AWS) and its core services, including EC2, S3, Lambda, and RDS. They will be equipped with the skills to design, deploy, and manage secure, scalable, and cost-effective cloud-based solutions on AWS. Participants will also learn how to troubleshoot and optimize AWS resources to enhance performance and reliability. Educators will gain the knowledge to effectively integrate AWS technologies into their curriculum, thereby enriching the learning experience for students. Overall, the FDP will empower participants to become proficient cloud practitioners, capable of leveraging AWS for digital transformation and innovation in both educational and professional settings.

INAUGURATION DETAILS

Venue: Lord Basaveshwara Seminar Hall,
4th floor Mechanical Block

Registration: 9 a.m to 10: 30 a.m

Inauguration: 10:30 a.m

CONTACT DETAILS

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Name: Prof. Sony V Hovale

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ELIGIBILITY

Applicant has to be faculty of any Engineering College in department of CSE and allied branches, ISE, MCA, MBA.

COURSE DETAILS

Day 1:

Cloud Concepts Overview
Cloud Economics and Billing

Day 2:

AWS Global Infrastructure Overview
AWS Cloud Security

Day 3:

Networking and Content Delivery
Compute

Day 4:

Storage
Databases

Day 5:

Cloud Architecture
Auto Scaling and Monitoring

