

Five Day FDP on
AWS Cloud Computing Tools and Services
20th – 24th September 2022

BMS Institute of Technology & Management
Department of Information Science & Engineering
Yelahanka, Doddaballapura Main Road, Bengaluru

In Association with
**Computer Society of India &
IEEE Student Chapter**

Registration Details

For Faculty/Industry participant

Registration Fee: ₹1000/-
(Rupees One Thousand only)

For Student/Other College student participant

Registration Fee: ₹500/-
(Rupees Five Hundred only)

BANK DETAILS

Account number: 21096732049

IFSC code: IDIB000A682

Branch: AVALAHALLI, BANGALORE-560064

Bank name: Indian Bank

After payment, complete registration through
the link given below:

<https://forms.gle/m1S7D8MPYhwvoHng8>

The last date for registration is 19/09/2022,
spot registration is permitted based on
prior intimation to the convener

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Dr. Pushapa S K

Prof & Head, ISE

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**BMS INSTITUTE OF
TECHNOLOGY & MANAGEMENT**
(Autonomous Under VTU)

Five Day Faculty Development
Program on

**AWS Cloud Computing
Tools and Services**

20th to 24th September 2022

Organized by



Department of
Information Science & Engineering
In Association with



BMS Institute of Technology & Management
Yelahanka, Doddaballapura Main Road,
Bengaluru
<https://bmsit.ac.in>

About the Institute

BMS Institute of Technology & Management was started in the year 2002-2003 with three Engineering Departments viz., Computer Science & Engineering, Electronics and Communication Engineering and Mechanical Engineering. In due course of operation four more programs viz., TCE, EEE, ISE, Civil and later in 2018, a new branch AI&ML marked its presence. Currently there are three PG programs namely, M.Tech in Computer Science & Engineering, Cyber Security, Machine Design, Master of Computer Applications and Master of Business Administration. There are 10 VTU recognized research centers in BMSIT&M Bangalore where more than 100 research scholars are working in diverse research areas.

About Department

The Department of Information Science and Engineering started in the year 2010 with an approved intake of 60 and enhanced to 120 from the academic year 2018-19 and to 180 from the academic year 2019-20. The departments have modern laboratories to serve the teaching and research needs of the students as well as faculty members. The Departments have been organizing conferences, workshops, expert lectures, and student-centric activities to encourage students and faculty to inculcate lifelong learning. Few of our students are working for consultancy projects along with a few faculty members. The staffs are encouraged to attend the 10 days' internship to bridge the gap between the academics and industry. The departments have an admirable research ambiance. The faculties have published research articles in various National, International, IEEE Conferences, and Journals.

About the FDP

Amazon Web Services provides a diverse range of global cloud-based products such as compute, storage, databases, analytics, networking, mobile, developer tools, management tools, IoT, Machine Learning, Security and enterprise applications: on-demand, available in seconds and priced on a pay-as-you-go basis. Over 300 AWS services are available, ranging from data warehousing to deployment tools, directories to content delivery. New services can be provisioned quickly and without incurring any upfront capital costs.

Objectives of the FDP

1. Learn the fundamentals of constructing IT infrastructure on the AWS platform.
2. Learn how to create and configure AWS services, as well as how to integrate various AWS services to present a comprehensive cloud solution.
3. Make Participants to understand the working of various applications using cloud services.
4. Working with containerization and Dockers

Hands-on Topics

High priority is given to hands-on over AWS platform, Google Cloud Platform and Linux platform.

The planned topics are as follows

Introduction to Cloud Computing and AWS, Working with Elastic Compute and Storage Volumes, Load Balancing, Autoscaling and DNS, Virtual Private Cloud, Simple Storage Services, Databases and In-Memory DataStores Micro-services and containerization.

Resource Persons

The resource persons for the program are experts from academia and industry.

Target Audience

Research scholars and Faculty members of CSE, ISE, AI&ML, and MCA departments. Maximum participants are limited to 60 on first come first serve basis.

Advisory Committee

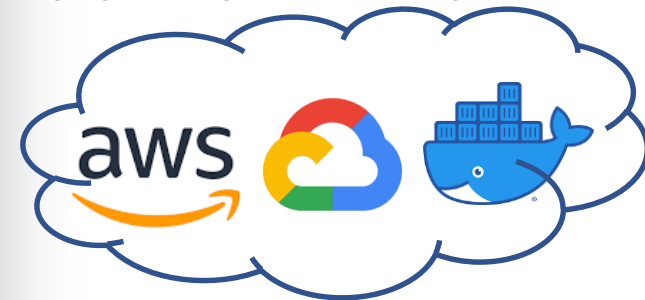
Dr. Manjunath T N, Professor, ISE
Dr. M V Sudhamani, Professor, ISE

Organizing committee

All Faculty members of ISE department

Prerequisites

Familiarity with basic of web, programming, and Networking.



Address for Communication

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