

Programme on

DevOps and Cloud Computing

Programme Coordinator: **Dr. P. Syam Kumar**

September 08 - 12, 2025



INSTITUTE FOR DEVELOPMENT AND RESEARCH IN
BANKING TECHNOLOGY, HYDERABAD
(ESTABLISHED BY RESERVE BANK OF INDIA)



Introduction

The programme on DevOps and Cloud Computing will provide in-depth understanding on DevOps tools including Git, Jenkins, Docker, Ansible, Terraform, Kubernetes, etc and how to build applications on the cloud. DevOps tools help automate and improve the overall efficiency and delivery of software applications. This course will help learn the best practices for deploying SaaS, PaaS, and IaaS applications on AWS, Google and Azure clouds.

This programme is designed to help understand how to build and deploy applications on cloud using DevOps tools through best practices in Continuous Integration and Continuous Deployment.

Objective

The DevOps and Cloud Computing programme is designed to help participants gain good skills in DevOps, SDLC, DevSecOps, Cloud Computing and DevOps on Cloud.

Contents

- ★ Overview of DevOps
- ★ DevOps Tools
- ★ Docker
- ★ Kubernetes
- ★ DevSecOps
- ★ Overview of Cloud Computing
- ★ Cloud Delivery and Deployment Models
- ★ Virtualization
- ★ Cloud Native Applications
- ★ DevOps on AWS Cloud
- ★ Azure DevOps
- ★ DevOps on Google Cloud
- ★ Cloud Security
- ★ Serverless Computing
- ★ Microservices

Who can Participate?

Officers of Banks/Financial Institutions/Insurance Sector who work in the Development team including developers, testers, architects, DevOps engineer, managers, and support engineers.

End Use

After completion of this programme, the participants will gain a good understanding of DevOps and Cloud Computing technologies and will be able to implement it in their respective organisations.

Programme Coordinator

Dr. P. Syam Kumar, Assistant Professor; e-mail: psyamkumar@idrbi.ac.in.

Fee Details

Domestic Participants from

- ★ RRBs & Coop. Banks : Rs. 59,000/- (Rs. 50,000/- + 18% GST)
- ★ All other Banks & Fis : Rs. 76,700/- (Rs. 65,000/- + 18% GST)

The fees for the programme can be remitted through NEFT and the bank account details for fee payment are here under:

Account Name : IDRBT
Bank : Axis Bank Limited
Branch : Humayun Nagar (Mehdipatnam Ring Road) Branch, Hyderabad
Account Number : 426010100018823
IFSC Code : UTIB0000426
GSTIN : 36AAAAI0204K1Z4.

Nominations

Nominations may please be sent to us latest by **August 25, 2025** by email to program@idrbt.ac.in. **Please note that no nominations will be accepted after this date.** This measure is envisaged to further improve the quality and learning outcomes of the programme based on participants' profile and requirements.

While nominating, please provide the details of the participants (Name, Designation, Bank, Mobile No / Phone No., email address) along with the nominating authority details (Name, Designation, Bank, Mobile No / Phone No., email address, Fees billing address, GST No. of the bank).

Accommodation

Participants will be provided Air Conditioned Single Occupancy accommodation at IDRBT, Hyderabad, with all cafeteria facilities. The Participants can check-in on the evening of the day before the commencement of the programme and can check-out after completion of the programme on the same day (or) in the morning of the next day of the programme.

Contact Us

Please contact our Programme Office for organising Customised Programmes and/or any other queries related to programmes at hunar@idrbt.ac.in or call us on +91 4023294121/24/25.