

Programme on

DEVOPS AND CLOUD COMPUTING

OCTOBER 16 - 20, 2023 (Offline Mode)

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



Introduction

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

Hence, it is necessary to understand how build and deploy applications on cloud using DevOps tools through best practices in Continuous Integration and Continuous deployment.

Objectives

The DevOps and Cloud Computing program is completely designed in a way to help participants to gain complete skills in DevOps, SDLC, DevSecOps, Cloud computing and DevOps on Cloud.

Contents

- ★ Overview of DevOps
- ★ DevOp 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 Development team including developers, testers, architects, DevOps engineer, managers, and support engineers.

End Use

Participants will gain comprehensive understanding of how to effectively manage the data centre environments physically and virtually.

Nominations

Nominations should be sent to us latest by **OCTOBER 11, 2023** by email to program@idrbt.ac.in

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).

Fee Details

Domestic Participants from

- ★ RRBs & Coop. Banks: Rs. 59,000/- (Rs. 50,000/- + 18% GST)
- ★ All other Banks & Fis: Rs. 70,800/- (Rs. 60,000/- + 18% GST)

Foreign Participants from

- ★ SAARC Countries: US\$ 1180/- (US\$ 1000/- + 18% GST)
- ★ All other Banks & Fis: US\$ 1770/- (US\$ 1500/- + 18% GST)

The fees for our programmes 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.

Accommodation

Participants will be provided Air Conditioned Single Occupancy room at IDRBT, Hyderabad, with all cafeteria facilities. The Participants can check-in on the evening of one day before 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 organizing Customized Programmes and/or any other queries related to programmes at program@idrbt.ac.in or call us on +914023294121/22/24/25.



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