

### Programmes Scheduled in April 2023

S. No.	Programme	Date	Coordinator
1	Cyber Defence	10 - 13	Dr. Rajarshi Pal
2	Security Operations Centre	17 - 19	Dr. V. Radha
3	DevOps and Cloud Computing	24 - 28	Dr. P. Syam Kumar

Please visit our website for more details at : <https://www.idrbt.ac.in/offline-programmes>

### Programme Office

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes:

**Mr. K. Srinivas**  
Administrative Executive

**Mr. D. Chaitanya**  
Administrative Executive

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# DevOps and Cloud Computing

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

**APRIL 24 - 28, 2023**



## DevOps and Cloud Computing

April 24 - 28, 2023

Coordinator: **Dr. P. Syam Kumar**, Assistant Professor, IDRBT  
e-mail: [psyamkumar@idrbt.ac.in](mailto:psyamkumar@idrbt.ac.in)

### Introduction

The DevOps and Cloud Computing program will offer comprehensive education on DevOps instruments such as Jenkins, Docker, Ansible, Git, Terraform, Kubernetes, and others, along with instruction on constructing cloud-based applications. Additionally, DevOps instruments will automate and enhance software application productivity and delivery. This curriculum will teach you the most effective methods for launching SaaS, PaaS, and IaaS applications on the AWS, Google, and Azure clouds. As a result, it is critical to grasp how to build and deploy cloud-based applications with DevOps instruments using optimal Continuous Integration and Continuous Deployment methods.

### Objective

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. Level: Scale I to IV

### End Use

After completion of this program, the participants will become master in the DevOps and Cloud computing technologies and improve your skills.

### 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)
- \* Other Countries : US \$ 1770/- (US \$ 1500/- + 18% GST)

The fees for our programmes can be remitted through NEFT and the bank account details for fee payment available at: <http://bit.ly/PAYFEES>.

### Bank Account Details for Remittance of Fees

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 should be sent to us latest by **APRIL 18, 2023** by email to [program@idrbt.ac.in](mailto: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).

### Venue & Timings of Programme

**Venue:** IDRBT

**Timings:** 9.30 AM to 5.30 PM

### How to Reach IDRBT

A major landmark near Masab Tank flyover is NMDC. IDRBT is located just behind NMDC. Google Pin: <http://bit.ly/IDRBT>

### Accommodation and Travel Plans

The boarding & lodging arrangements will be made at IDRBT, Hyderabad. The participants will be provided single occupancy a/c rooms.

**Check-in** : From 3.00 PM on Sunday, April 23, 2023.

**Check-out** : 7.00 AM on Saturday, April 29, 2023.