

Online Summer Training Programme

on

Development and Operations (DevOps)

[October 26 - November 08, 2020]
[Evening Batch - 5 PM onwards]

under the aegis of

Electronics & ICT Academy

IIT Roorkee



Supported by

Ministry of Electronics & Information
Technology
Government of India



Experts from Academia/Industry

Prof. P. Sateesh Kumar, CSE Department,
IIT Roorkee

Mr. Bipul Shahi from, Diginique TechLabs
Expert talks from industry

Principal Investigator

Prof. Sanjeev Manhas, IIT Roorkee

Get certified by E&ICT Academy, IIT
Roorkee



Class will be delivered through
online platform

Why DevOps?

DevOps is the combination of cultural philosophies, practices, and tools that increases an organization's ability to deliver applications and services at high velocity: evolving and improving products at a faster pace than organizations using traditional software development and infrastructure management processes. This speed enables organizations to better serve their customers and compete more effectively in the market.

This DevOps certification course will prepare you for a career in DevOps, the fast-growing field that bridges the gap between software developers and operations. DevOps tools such as Git, Docker, Jenkins and more.

Objectives of the programme

- To enhance understanding of the fundamentals of Agile and Scrum methodologies.
- Master Configuration Management, Continuous Integration, Deployment, Delivery, and Monitoring using DevOps tools.
- To provide knowledge of two major cloud platform providers- AWS and Microsoft Azure.
- To reduce new release failure rates and improve the frequency of deployments.

Programme Features

- 40+ Hours live instructor-led sessions.
- Lectures from IIT Roorkee, Hands-on from industry experts.
- Expert talks from industry.
- Career guidance sessions from the experts.
- 3 hrs of doubt clearing sessions on weekend.
- Access to learning material and video lectures.
- Certificates by E&ICT Academy IIT Roorkee.

Focus Areas

- Introduction to DevOps, DevOps Concepts and Practice
- Version Control, Local setup for live practice of all DevOps tools
- Jenkins, Linux and Shell Scripting
- Cloud Computing, Nexus and Ansible
- Monitoring tools, Apache Tomcat and Apache https
- Project: To store image files and thumbnails in a file system accessible to the web server.

Prerequisites

- No experience is required, but fundamental knowledge of any programming language would be helpful.

Registration Link

<http://tiny.cc/glhwsz>

Registration Fee

Fees: ₹ 8000/Participant, Non Refundable
(Applicable for all)

Note: Refund will be done in case of course cancellation only, with in 20 working days

How to make payment

<https://eict.iitr.ac.in/Paymentdetails.html>

Conference Code: EICTIITR-SUM-10

Course Coordinators

- Prof. P. Sateesh Kumar, CSE Department, IIT Roorkee
- Prof. Sanjeev Manhas, ECE Department, IIT Roorkee

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