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<b>Dr. Y. Krishna Bhargavi</b> - Associate Professor	<b>Mr. A. Nagender Babu</b> Assistant Professor

### RESOURCE PERSON



Penchala Prasad is an experienced AWS/Azure DevOps Trainer with over 20 years in IT and 10+ years in education, specializing in cloud and DevOps practices. He has strong expertise in AWS services, container orchestration with Amazon EKS, and CI/CD automation. His industry experience, including a role as a DevOps Consultant at Oracle, enables him to deliver practical and impactful training sessions.

**Penchala Prasad**

AWS/Azure DevOps Trainer @ AWS

For More Details, Contact :

**Dr. G. Charles Babu**, Professor : 8297322324

**Mr. A. Nagender Babu**, Assistant Professor : 9949269898



## One Week Hands-on Faculty Development Programme

on

## DevOps

Date: 2<sup>nd</sup> - 6<sup>th</sup> February 2026



Organized by

Department of Computer Science and Engineering

**GOKARAJU RANGARAJU**

**INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Bachupally, Kukatpally, Hyderabad, Telangana.

## About the Institution

Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) was established in the year 1997 with a noble vision by Dr. G. Gangaraju as a self-financed institute under the aegis of Gokaraju Rangaraju Educational Society. GRIET is approved by AICTE, New Delhi, permanently affiliated to JNTUH, and autonomous status granted by UGC. GRIET is committed to quality education and is known for its innovative teaching practices. It offers 8 UG and 2 PG programs in Engineering. It has state-of-the-art infrastructure and incorporates value education, social responsibility, and problem-solving skills in the curriculum. It follows goal oriented and innovative practices to mould students into trustworthy, resourceful, and multitiered professionals. NAAC accredited the Institute with 'A++ grade. All eligible UG and PG Programs are accredited by NBA. Ranked amongst 151-200 rank band in Engineering category by National Institutional Rankings Framework (NIRF) 2025, MoE, Govt of India. GRES is recognized as SIRO by Department of Scientific and Industrial Research (DSIR).

## About the Department

The department of Computer Science and Engineering is established in the year 1997, with an intake of 40 seats. Gradually, it has been increased to 360, by 2015. The current intake of CSE department is 600. The department offers B.Tech. and M.Tech. programmes in Computer Science and Engineering. The B.Tech program is accredited by NBA in 2006, 2009, 2014, 2019, and 2023. In 2023, B.Tech CSE programme is accredited by NBA for 6 years. and M.Tech CSE program is also accredited by NBA. The Department is recognized as Research & Development centre by JNTU Hyderabad. The Department has well-equipped classrooms and laboratories with good ambience. It also provides the state of art facilities through Centre of Excellence in AIML, HPC, and SDC. The faculty at CSE department imparts quality education by adopting active learning strategies, project based learning, and case based learning. It focuses on practical development through GLOB applications, Real-time research projects, mini projects and major projects in their course of study. The faculty at CSE department contribute to good research community in the areas of Machine Learning, Deep Learning, Block Chain Architecture, Artificial Intelligence, Cloud Computing and Internet of Things, Big Data Analytics, and Data Science. In addition to quality teaching, students are exposed to certification courses, workshops, training programs, and internships. Intensive placement training is delivered to the students from the first year, which helps the students to be placed in high package companies.

**Who should attend : Faculty Members, Research Scholars and PG Students**

**Registration Fee**



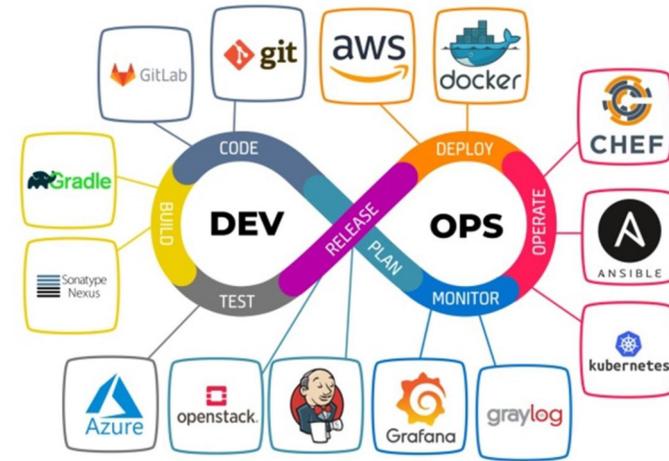
**Scan for Registration**



For Faculty, Research Scholars and PG Students Rs.250/-  
(FDP kit, Participation Certificate & Lunch will be provided)

**Venue :** Block-1, Room No.1406/07

**Timings :** 9.30 AM to 3.30 PM



## About the FDP

A Faculty Development Program (FDP) on DevOps aims to enhance faculty expertise in modern software development and deployment practices. It provides hands-on exposure to tools like Git, Docker, Jenkins, Kubernetes, and Selenium for industry-ready teaching and research.

## Topics to be covered

- \* DevOps Fundamentals, Agile, ITIL, Scrum & Kanban
- \* Continuous Delivery, Release Management & Delivery Pipelines
- \* DevOps Lifecycle and Continuous Testing Practices
- \* Software Architecture in DevOps (Monolithic vs Microservices, Resilience)
- \* Source Code Management with Git, GitHub, GitLab & Gerrit
- \* CI/CD Automation using Jenkins Build Pipelines
- \* Infrastructure as Code and Build & Deployment Automation Tools
- \* Containerization & Orchestration with Docker, Kubernetes and Selenium Testing

## Expected Outcomes of FDP on DevOps

- ❖ Faculty will gain strong understanding of DevOps principles, Agile workflows, and continuous delivery pipelines.
- ❖ Participants will be able to implement source code management using Git and GitHub effectively.
- ❖ Faculty will learn to design and manage CI/CD pipelines using Jenkins for automated integration and deployment.
- ❖ Participants will develop skills in containerization and orchestration using Docker and Kubernetes for scalable applications.
- ❖ Faculty will be capable of applying automated testing tools like Selenium to ensure quality assurance in DevOps workflows.