

REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

College: _____

Mobile: _____

Email: _____

Address for communication: _____

Declaration:

The information furnished in registration form is true to the best of my knowledge. I agree to abide by the rules and regulations governing by the course. If selected, I shall attend the course for entire duration, I also undertake the responsibility to inform the coordinator sufficiently in advance, in case I am unable to attend the course.

Place:

Date:

Signature of
Faculty

Signature of
Head of the Institution

Chief Patrons:

Sri Praveen D Reddy, Chairman, CBES

Sri J Pratap Reddy, Secretary, CBES

Patrons:

Prof G ChandraMohan Reddy, Principal, MGIT

Dr K Sudhakar Reddy, Vice Principal & HoD MEC, MGIT

Organizing Committee:

Dr CRK Reddy, HoD CSE, MGIT,

Ms K Sunitha, Assistant Professor, CSE, MGIT

Dr. K Rajitha, Assistant Professor, CSE, MGIT

REGISTRATION

Registration Fee: 600/- per Participant

For participants from Mahatma Gandhi Institute of Technology & Chaitanya Bharathi Institute of Technology (CBIT) no registration fee.

Registration Link:

<https://forms.gle/ekBRzj6iUWx4ksYy5>

Last date for Registration: 03rd February 2024.

One Week National Level Faculty Development Programme

On

DevOps and Its Applications

05th February to 10th February 2024

(Offline Mode)



Organized By

Department of Computer Science and Engineering



MAHATMA GANDHI INSTITUTE OF TECHNOLOGY
(Autonomous)

Gandipet, Hyderabad – 500 075 Telangana, India

Website: www.mgit.ac.in

ABOUT CBES

CBES was established in 1979 by an erudite and eminent group of trail blazers. The primary objective of this Educational Society is to create temples of knowledge. The atmosphere is conducive for imparting essential technical & wide gamut of requisite skills that groom students into responsible global citizens, ready for success. The institution named after the father of the nation lays great emphasis on value-based education. The campus is bustling with activities, assiduously supported by the management.

ABOUT INSTITUTION

Mahatma Gandhi Institute of Technology is one of the premier Engineering Colleges in the self-financing category in the state of Telangana. MGIT is affiliated to Jawaharlal Nehru Technological University, Hyderabad. The institute has recently received accreditation for 3 years for all 8 B Tech Programs from National Board of Accreditation, New Delhi. The institute is also accredited by NAAC with an 'A++' grade.

Mahatma Gandhi Institute of Technology (MGIT) was established by the Chaitanya Bharathi Educational Society (CBES) in a serene and tranquil atmosphere at Gandipet, Hyderabad and has grown rapidly since its inception in 1997. The lush green campus of MGIT is spread over 30 acres of pleasant landscape with a constructed area of 2,50,787 sq ft. In a recent development, MGIT is honoured to be conferred with the autonomous status by University Grants Commission (UGC), New Delhi.

The college offers courses in 11 Undergraduate Programs (Computer Science, Information Technology, Electrical & Electronics, Electronics & Communication, Mechatronics', Metallurgical & Materials Engineering, Civil Engineering and Mechanical Engineering, Computer Science and Business System, Computer Science and Engineering (Artificial Intelligence and Machine Learning) and Computer Science and Engineering (Data Science).

ABOUT CSE DEPARTMENT

MGIT's Computer Science and Engineering is a department that is packed with scholars who are ready to take the art of programming to the next level. With a total of 22 doctoral scholars at different stages of their research endeavor, the intellectual ambience in this department are conducive to the overall development of students and the discipline of computer engineering as a whole.

ABOUT FDP

DevOps entails a set of integrated activities or practices employed in automation and interlink software development processes with IT developers with the aim of building, testing, and releasing deliverables quickly and reliably. Constantly, DevOps has resulted in the use of infinite loops by the developers or practitioners in showing the relationship between development lifecycle phases. Even though the various activities or steps in a DevOps make a loop and flow sequentially, the iteration indicates that the flow must be constantly collaborative and repetitive to improve the entire lifecycle. If well explored by DevOps, various software automation trends could be ready to handle the industry's latest software and technology.

RESOURCE PERSONS

Renowned speakers from industry will deliver the expert lectures.

TOPICS TO BE COVERED

- Basics of DevOps with related technologies.
- Installation and configuration of Jenkins to test and deploy Java or Web Applications using Net beans or Eclipse.
- Hands-on version control tools like RCS / CVS / Git / Mercurial.
- Installation and configuration of Dockers for creating containers of different OS images.
- Building, deployment and management of web or java application on Dockers.
- Installation and configuration of software configuration and provisioning using chef / Puppet / Ansible / SaltStack.
- Contents in line with DevOps Programming lab syllabus.

EXPECTED OUTCOMES

- Identify components of DevOps environment.
- Describe Software development models and architectures of DevOps.
- Apply different project management, integration, and testing and code deployment tool.
- Investigate different DevOps Software development models.
- Assess various DevOps practices.
- Collaborate and adopt DevOps in real-time projects.

PARTICIPANTS

Faculty working in AICTE approved Institutes, Ph.D. scholars, and working professionals from various organizations/industries can attend.