

ABOUT GNDEC

Guru Nanak Dev Engineering College, Ludhiana (An Autonomous College under UGC Act), established in 1956, oldest and premier institute of Punjab, is providing education in the field of engineering by comprehending the need for upliftment of rural youth in highly competitive, technologically-elevated society, in particular, and understanding the thirst for knowledge of students and quenching it in general. The College has been declared an Autonomous College by UGC, New Delhi in 2012. This college has the privilege of starting Ph.D. degree under Quality Improvement Programme (QIP) by AICTE, New Delhi. Apart from offering various Accredited graduate level B.Tech. courses vis-a-vis Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics & Communication Engineering, Mechanical Engineering, Production Engineering, Information Technology; the institute imparts eleven Postgraduate M.Tech. courses both on regular and part time basis. An excellent platform is provided to the researchers leading to Ph.D. program.

DEPARTMENT OF INFO. TECH.

Department of Information Technology was established in 2001. Since its inception, the department has contributed in a big way to the society by providing technical manpower for various fields in India and abroad. Graduates and post graduates from the department are settled in very good positions all over the Globe. At present, the department is proud to get best merit students in the region. The faculty of the department continues to provide new frontiers of technical knowledge to the students by imparting quality education and research. The UG course is NBA accredited and is keeping pace with the latest developments in engineering education.

OBJECTIVE OF THE WORKSHOP

This workshop is being conducted for the training of the faculty and students through financial assistance from TEQIP-III. The objective of this workshop is to aware the users about the contemporary capabilities of DevOps in the diverse range of applications. DevOps is an increasingly common approach to agile software development that developers and operations teams use to build, test, deploy and monitor applications with speed, quality and control. 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.

CONTENTS

- Basics of DevOps
- GIT
- GITHUB
- Dockers
- Jenkins

WORKSHOP

Sponsored by

TEQIP-III

On

**DevOps: Software Architecture
(DSA- 2021)**

(25th, 27th to 29th January, 2021)



Organized by

**Department of Information Technology
Guru Nanak Dev Engineering College,
Ludhiana – 141006, Punjab, India
Website: <http://www.gndec.ac.in>**

CHIEF PATRON

Dr. Sehijpal Singh
Principal, GNDEC, Ludhiana

PATRON

Dr. Kiran Jyoti
HOD, Department of IT
GNDEC, Ludhiana

Coordinator

Dr. Kamaljit Kaur, Assistant Prof. (IT)

E-mail: kamaldhillon@gndec.ac.in;

Mobile: +91 9888829422

Co-Coordinator

Er. Parminder Kaur Wadhwa, Assistant Prof.
(IT)

E-mail: parminder_engg@gndec.ac.in;

Mobile: +91 9814611273

RESOURCE PERSON

Resource person is from industry.

WORKSHOP EVALUATION

A test for the assessment of the workshop would be conducted at the end of the programme.

Link for Registration (Faculty)

The **faculty members** from IT/CSE/MCA/BCA/ECE/EE/ME/PE of GNDEC, Ludhiana can join this workshop by prior online registration through the following link:-

<https://forms.gle/4nMetHmRPP3odZme9>

Link for Registration (Students)

The **PG students** of GNDEC, Ludhiana can join this workshop by prior online registration through the following link:-

<https://forms.gle/xZd2shBfv141dNWy5>

The **UG students** of GNDEC, Ludhiana can join this workshop by prior online registration through the following link:-

<https://forms.gle/Jp6rm12X1ZhRVqQY7>