

Faculty of Technology and Engineering

U & P U. Patel Department of Computer Engineering

Date: 01/12/2021

Event Application No in E-governance: 2021-22/00363

Event Name: Continuous Integration & Continuous Deployment (CICD) Using Jenkins

Detail about the event:

U. & P.U patel Department of computer engineering-CSPIT, a constituent institute of Charotar University of Science and Technology (CHARUSAT) organized Continuing Education Program for Department Teachers during 01 December 2021 at CE-CSPIT Department. Theme of the program was “Explore CICD Pipeline using Jenkins”. This program was organized with aim to educate 35 faculties of CE & CSE-CSPIT on new advancements and to build upon a faculty’s expertise in software development as well as deployment. The program was 1 day Hands-On sessions to understand & configuring CICD Pipeline Deployment using Open Source tools Jenkins.

Schedule of Event: <<Session wise Detail>>

Session No.	Session Date	Time	Expert name	Title
1	01/12/2021	01:00 PM to 4:30 PM	Mr. Kalpesh Patel Sr. LAB Technician CE-CSPIT- CHARUSAT	Hands-On on CICD using Jenkins
2	01/12/2021	01:00 PM to 4:30 PM	Mr. Bhavin Dave Lab Technician CE-CSPIT- CHARUSAT	Hands-On on CICD using Jenkins

Session No. 1:

Resource person: Mr Kalpesh Patel, Sr. Lab Technician, U. & P.U. Patel Department of Computer Engineering CHARUSAT- Changa

Topic: Continuous Integration & Continuous Deployment (CICD) Using Jenkins

Outcome of event: By Performing hands-on on Continuous Integration & Continuous Deployment (CICD) Using Jenkins tools. Faculties understand that how software development life cycle handle automatically by using such Open Source Tool. Jenkins made the process code easier for iterative development with other features such as audit trails, code review, and access control and has sound approval and promotion process by many project members. Multiple jobs from a single project can be managed easily.

Actionable insights of Event:

Through this event

1. SDLC Automation Process help students to understand Software Development Subject.
2. Empower students to use Open source Automation Technology to Stream line Software development.
3. Jenkins also helps students to develop complete life cycle of final year Project.