

**REPORT
ON
2-Day Hands-on Workshop on “DevOps Essentials – Build, Automate & Deploy”
Organised by Department of Computer Science, SRKI**

Event/ Activity Name :- 2-Day Hands-on Workshop: DevOps Essentials – Build, Automate & Deploy

Date :- 11/09/26 & 12/09/26

Venue :- Shree Ramkrishna Institute of Computer and Applied Science, Surat

Aim/purpose: 2-Day Hands-on Workshop on “DevOps Essentials – Build, Automate & Deploy” was organized by the Department of Computer Science to equip students with practical skills and industry workflows in software development and operations, covering version control, containerization, and automated CI/CD deployment pipelines

No. of Days :- 02

Details of the event/ activity: The session was organised for T.Y. B.Sc. Honors (Semester 5) and M.Sc. (Semester 1) students of the Computer Science Department. The event commenced with an introductory session where the expert speaker was formally welcomed and introduced by Dr. Charmy Patel. The sessions were conducted by the resource person, Mr. Manan Vaishnav (DevOps Engineer, Logix Built Solutions Limited).

- Day 1: The speaker initiated the workshop with foundational principles of the DevOps culture and lifecycle. He covered distributed version control systems using Git and collaborative workflows on GitHub. Students engaged in hands-on activities focusing on repository initialization, branching strategies, commit management, pull requests, and merge conflict resolution.
- Day 2: The second day focused on modern containerization and continuous delivery practices. Mr. Vaishnav introduced Docker and the core architecture of container technology. Through live demonstrations and interactive lab exercises, students learned how to write Dockerfiles, build container images, run containerized applications, and construct an automated CI/CD Pipeline to take software seamlessly from code to deployment.

The practical exercises enabled students to observe real-world DevOps environments in action and understand the transition from traditional software management to automated pipelines. The workshop concluded with an interactive Q&A session, followed by a formal vote of thanks delivered by Ms Shagufta Khan and Dr Priti Patel.

The workshop was a great success, fulfilling its motto: *"Learn the tools. Automate the process. Build today. Deploy tomorrow."*

The workshop was a great success and unlocking the next wave of intelligence for the students.

Signature of event/ activity co-ordinators :-

Ms Jayesh Pushtiwala (Head, Computer Science Dept)

Dr Charmy Patel (Student Activity coordinator, Computer Science Dept)

Ms Shagufta Khan (Faculty, Computer Science Dept)

**Shree Ramkrishna Institute of
Computer Education and Applied Sciences**
Department of Computer Science

2 DAYS HANDS-ON WORKSHOP ON

DevOps ESSENTIALS: BUILD, AUTOMATE & DEPLOY

From Code to Deployment – Learn. Automate. Deliver.

HANDS-ON LEARNING
Gain practical skills through hands-on sessions.

LIVE DEMONSTRATIONS
See real-world DevOps workflows in action.

SCAN TO REGISTER
 Limited Seats!

RESOURCE PERSON
Mr. Manan Vaishnav
DevOps Engineer, Logix Built Solutions Limited

TOPICS

- CI/CD Pipeline
- Git
- GitHub
- Docker
- Containerization

Diagram illustrating the DevOps cycle: CODE -> BUILD -> DEV -> TEST -> RELEASE -> DEPLOY -> OPS -> MONITOR -> BACK to CODE.

TARGET AUDIENCE
TY Sem 5
B.Sc. Honors and
M.Sc. Sem -1

COORDINATORS
Prof. Jayesh Pushtiwala
(Head, Computer Science)
Dr. Charmy Patel
Prof. Shagufa Khan

DATE
11 – 12th Sep, 2026

TIME
9:00 AM – 12:00 PM

LIMITED SEATS
Register Early!

Learn the tools. Automate the process.
Build today. Deploy tomorrow.

