

**Sardar Vallabhbhai Patel Institute of Technology, Vasad**

**MCA Department**

*A report of Workshop on*

***“Mobile App Development”***

*held on 25/02/2026*

***VYOM 2026***

## A workshop on “Mobile App Development”

The Department of MCA at Sardar Vallabhbhai Patel Institute of Technology successfully organized its annual technical fest **VYOM 2026** on **25<sup>th</sup> February 2026**. The event aimed to encourage innovation, creativity, technical learning, and teamwork among students. The fest brought together students from various colleges to participate in workshops, technical competitions, gaming events, and fun activities.

A workshop, **Mobile App Development**, was conducted in the MCA Department Labs. The workshop focused on introducing students to the fundamentals of mobile application development. Participants gained knowledge about mobile app design principles, development tools, and basic implementation techniques required to build mobile applications. The workshop was conducted by **Prof. Khushbu Patel**, Assistant Professor, MCA Department, SVIT, Vasad. Total 62 students of various colleges had actively participated in the workshop.

The workshop intended to understand the basic concepts of mobile application development as well as to design and develop mobile application on Android platform. Also to provide participants with the technical training on the concepts and programming methodologies needed to develop applications for mobile devices. Participants learnt to use different Android libraries.

The following topics were covered during workshop that eventually helped students to grasp design and development of the complete mobile application for Android device.

- Overview of Mobile Operating Systems.
- Introduction of mobile application development technologies
- Introduction of Android, Android Studio IDE, Android SDK and its setup
- Understanding project structure
- Creating Activities / Screens
- Design and develop sophisticated mobile application

All the participants were awarded with the certificate at the end of the workshop.



