



**AJEENKYA**  
D Y PATIL UNIVERSITY  
THE INNOVATION UNIVERSITY

**School of  
Engineering**

## Activity Report

**Event Title:** FDP on Mobile App Development.

**Organized by:** ICT Academy in collaboration with Ajeenkya D Y Patil University

**Date:** 11 June to 12 June 2018

**Venue:** Room No.205, University learning Centre near DC Building, Ajeenkya D Y Patil University.

**Faculty Coordinator:** Dr Biswajeet Champaty

**Participants:** Faculties of SOE

### Objective:

The primary objective of this 2-day FDP was to enhance the knowledge and technical skills of the participants in Mobile App Development. It aimed to:

- Familiarize faculty members with current trends, tools, and frameworks in mobile app development.
- Equip them with the practical skills necessary to integrate mobile development concepts into their curriculum.
- Promote hands-on learning of mobile app development to enable participants to create functional mobile applications.
- Encourage the development of innovative teaching methodologies in the domain of app development.

### Agenda:

#### Day 1:

- **Inauguration and Welcome Session:** Introduction to the FDP, objectives, and importance of mobile app development in academia.
- **Session 1:** Introduction to Mobile App Development



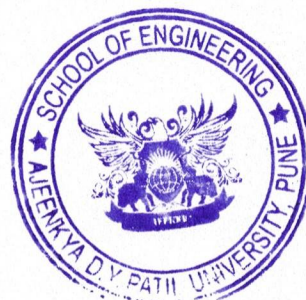
- Overview of mobile platforms (Android, iOS)
- Discussion on the growth of mobile apps and future trends.
- **Session 2: Development Tools and IDEs**
  - Overview of Android Studio and Xcode.
  - Installation, setup, and understanding of the development environment.
- **Session 3: Building First Mobile App (Hands-On)**
  - Step-by-step development of a basic mobile app using Android Studio.
  - Understanding app structure, layout design, and components.

## Day 2:

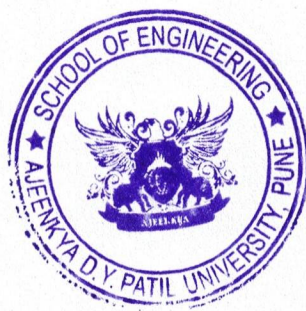
- **Session 4: Advanced Concepts in Mobile App Development**
  - Integrating APIs and databases into mobile apps.
  - Introduction to Firebase for backend services.
- **Session 5: Mobile App Deployment**
  - Steps for testing, debugging, and deploying mobile apps to Google Play Store and Apple App Store.
  - Best practices for app security and optimization.
- **Session 6: Project Development & Presentation**
  - Participants worked in groups to develop a simple mobile app.
  - Presentation and feedback on the developed apps.
- **Valedictory Session: Feedback and Certificate Distribution**

## Outcomes:

- **Skill Development:** Participants gained hands-on experience in mobile app development, from creating basic apps to deploying them on platforms.
- **Curriculum Enhancement:** Faculty members were empowered with the necessary skills to incorporate mobile app development into their courses.
- **Increased Collaboration:** Networking and knowledge-sharing among participants, which will foster collaborative projects and research in mobile technologies.
- **Innovative Projects:** Many participants expressed interest in further exploring mobile app development and integrating it into student projects or research initiatives.



## Glimpses of the Activity



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