

A. Title of the Workshop:

"Android App Development Bootcamp: Building Your First Mobile Application"

B. Background:

In response to the growing demand for mobile app developers and the increasing interest among college students in technology, the workshop on Android App Development was organized. The workshop aimed to introduce students to the fundamentals of Android app development, equipping them with the skills needed to create functional and engaging mobile applications. This initiative also aimed to bridge the gap between theoretical knowledge and practical skills in app development.

C. Aims/Objectives:

1. **To introduce students to the basics of Android app development:** This includes understanding the Android architecture, development environment setup, and the basic components of an Android application.
2. **To provide hands-on experience in building a simple Android application:** Participants were guided through the entire development process, from setting up the development environment to creating a functional app.
3. **To enhance participants' problem-solving and coding skills:** By working on practical exercises, students could apply their knowledge and develop their coding skills.
4. **To inspire and motivate students to pursue further learning and projects in mobile app development:** The workshop aimed to spark interest in Android development as a potential career path or hobby.

D. Location:

The workshop was conducted at the SIES college of Arts, Science & Commerce, Computer Science Lab, Sion. The lab was equipped with the necessary resources, including computers with Android Studio pre-installed and high-speed internet access.

E. Target Audience/Participants with Expected Number:

The workshop was aimed at undergraduate students majoring in Computer Science, Information Technology, and related fields. It was open to a total of 50 participants, including both beginner and intermediate level students interested in Android app development.

F. Session and Name of Resource Persons:

Resource Person: Ms. Maya Nair, Faculty of Department of Computer Science

1. Introduction to Android Development and Setup
2. Fundamentals of Android Architecture and Components
3. Hands-on Session: Building Your First App
4. Q&A and Advanced Topics Discussion

G. Outcome:

1. **Increased Understanding of Android Development:** Participants gained a solid understanding of Android architecture and components, including Activities, Fragments, and Services.
2. **Practical Experience:** Each participant successfully created a basic Android app, which demonstrated their ability to apply theoretical knowledge in a practical setting.
3. **Enhanced Coding Skills:** Through hands-on exercises, students improved their coding skills and learned to troubleshoot common issues encountered during app development.
4. **Motivation and Inspiration:** The workshop effectively inspired participants to pursue further learning and projects in Android development, with several expressing interest in enrolling in advanced courses or starting their own app development projects.
5. **Networking Opportunities:** Students had the chance to interact with industry professionals and educators, fostering valuable connections for future collaborations or mentorship.

Overall, the workshop was a success, achieving its aims of introducing Android app development to college students and providing them with the tools and motivation to continue exploring this field.

Brochure:

The brochure is designed with a light green and blue color scheme. At the top left, there are decorative icons: a green Android robot, a blue recycling symbol, and a green checkered pattern. The top center features the SIES logo (a sunburst) and the text 'SIES College of Arts, Science & Commerce (Autonomous)'. To the right of the SIES logo is a blue flower icon. The main title 'Android Workshop' is prominently displayed in the center, with a circular icon of a compass and pencil to its right. Below the title is a circular portrait of Mrs. Maya Nair, a woman with dark hair wearing a blue patterned top. Underneath the portrait, her name 'Mrs. Maya Nair' is written in green text on a white background. At the bottom of the brochure, a white rounded rectangle contains the event details: a calendar icon followed by '17th February', a clock icon followed by '11:30 AM', and a location pin icon followed by 'Room no. 29'. The background of the entire brochure is a light gray grid.

Photos:



Report Prepared by

Signature:

Signature of HOD

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