

Seminar Topic Summary Report

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Institution Name: Basaveshwar Engineering College, Bagalkot

Department Of Computer Applications (M.C.A)

Course: MCA

Semester: II

Seminar Topic: Mobile Operating System

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Date of Submission:

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Guide Signature:

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1.Introduction

A mobile operating system is essential software for smartphones and tablets. It acts as an interface between the device hardware and the user, managing applications and resources.

2. Seminar Topic Details

The seminar covers the features, architecture, and evolution of mobile operating systems like Android and iOS. It includes a comparison and detailed study of their core components.

3. Topic Summary

Mobile OSs have advanced to support multitasking, security, and app ecosystems. This seminar highlights their working, real-world applications, and future trends.

4. Relevance to MCA Curriculum

This topic relates to Operating Systems and Mobile Computing subjects. It enhances understanding of system-level functioning crucial for MCA students.

5. Learning Objectives

To understand mobile OS architecture, compare platforms, and explore app development. Also, to study performance, usability, and security aspects of mobile systems.

6. Expected Outcome

Students will gain knowledge of various mobile OSs and their components. They will also learn platform-specific app development and resource management.

7. References

- Android Developer Docs: developer.android.com
- iOS Developer Docs: developer.apple.com
- Book: Mobile Computing by Raj Kamal
- IEEE and ACM articles

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