

**ARE YOU SMARTER
THAN SMART PHONES?**

JAIN UNIVERSITY

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956



M.Sc. in Mobile Application

Knowledge Partner

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PROGRAMME OVERVIEW

At the end of this course the student will be able to create mobile application programs for both Android and IOS technologies, keeping in mind the industry requirements.

The course provides comprehensive knowledge, technical expertise and hands-on experience in the mobile application sector.

The course also provides skills to independently analyze, design, develop, deploy, and troubleshoot mobile applications and services. It also provides valuable industry inputs and insights into the process of developing cutting edge mobile applications.

Programme Name

Master of Science

Programme Code

044

Course code and Name

4414 M. Sc in Mobile Applications

Degree Awarded

Master of Science

Duration of the Programme

2 years, 4 semesters

Eligibility

The minimum qualification to apply is a Bachelor's degree in the relevant discipline.

Medium of Instruction / Examination

English

Study Campus

School of Sciences - Dept. of Information Technology
Jain University, # 34, 1st Cross, JC Road, Bangalore - 560 001

Programme Timings

8:30 am - 4:30 pm (Mon to Sat)

Course Advisor

Dr. Easwaran Iyer
M: +91 98457 26725

Examinations & Assessments

1. Internal tests
2. Assignments
3. Seminar presentation

4. Class tests
5. Preparatory theory and Practical examination
6. End term theory and Practical examination

Curriculum

Semester 1

Mobile Network Architecture
Mobile Device Architecture
Mobile Application Development
Mobile Web Applications
Business Communication
Learning Labs: Mobile Applications Lab
Mini Project

Semester 2

Basic Android for Mobile
Mobile Value Added Services
Basic iPhone Application Development
Elective I
Learning Labs: Basic Android for Mobile: Lab
Basic iPhone Application Development: Lab
Mobile Value Added Services: Lab

Semester 3

Advanced Android for Mobile
Advanced iPhone Application Development
Enterprise Application Development
Elective II
Learning Labs: Advanced Android for Mobile: Lab
Advanced iPhone Application Development: Lab
Enterprise Application Development: Lab

Semester 4

Final Project and Internship

CAREER OPPORTUNITIES

Mobile Applications have spawned a new industry aptly called the “Mobile Apps Economy” which continues to grow at a rapid pace.

Number of Apps in Android Market – Google Play: 8,00,000
Number of Apps in Apps Store – Apple: 8,00,000
Estimated Size of the Mobile Apps Industry by 2013: \$25 Billion
Revenue Growth of Mobile Apps Industry between 2011 & 2012: 197 %.