

**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

**iNURTURE** Tomorrow's here  
Education Solutions

## 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, 1<sup>st</sup> 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 %.