

Department : BSAU APPLE iOS APPLICATION DEVELOPMENT CENTRE
Programme : Certificate Programme in iOS Application Development
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Content of Course:

Theory

Module I: iOS Development Fundamentals

7

iOS Basics - iOS Architecture - Integrated development Tools - Swift - Framework and Libraries - Project templates - Resource & Application Settings - Views & Controls - Debugging & Running - Building Block Approach - Application Life cycle - MVC – Pattern - View.

Module II: Advanced Concepts in iOS

8

Data Management - Core Data - Application Storage - External Storage - Memory Management - Leaks and Allocations - UI Design - Design Tools - Interface Builders - Storyboard - View Controllers - Drawing model – Windows - Event Handling - View data Source and delegates - Multimedia and Networks - Library - Location Services - Google Maps - Apple Push and Local Notifications - Accelerometer.

Practical

30

Tools for iOS Application Development – Xcode - Hands on iOS Programs – Developing Simple iOS Apps - Building and Running iOS Apps – Uploading to App Store.

Total Hours: 45

HOW WILL THIS PROGRAMME BENEFIT YOU?

This certificate program provides a comprehensive set of courses that cover basic knowledge in iOS fundamentals to advance topics for application development. Students can gain in-depth knowledge of the iOS application development platform and adequate hands on experience from a technological standpoint and familiarity with the graphic design elements that are crucial for building an attractive and highly functional App. Students will also learn about deployment of iOS Apps and uploading to App Store. The course content is also delivered by iOS developers from reputed industries so that they bring clearly the industry environments to student community.