



# **BSAU - APPLE iOS APPLICATION DEVELOPMENT CENTRE**

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## About the Centre

The university has created a Centre for Mobile Application Development in collaboration with Apple as a central facility which is open to the students of all branches. BSAU - Apple iOS Application Development Centre was inaugurated by our **Chairman, Mr. Abdul Qadir A. Rahman Buhari** on **21<sup>st</sup> November, 2012**.

## Objectives

The main objective of the Centre is to motivate the students to gain knowledge and experience by developing Mobile Applications in iOS and Android platform.

## Vision

- To create this Centre as innovative Mobile application incubation Centre and productize the applications.
- To make this as Centre of excellence for certifications in mobile application.
- To serve as Apple authorized training Centre.

This Centre also conducts seminars and workshops on advance topics on mobile technologies and mobility issues for the benefit of students and staff of this university.



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## Highlights

- Common facility to all the Students of the university.
- Accelerated innovation lab to enhance the skill set of the students.
- State-of-the-art facility .

## People



**Dr. K.M. Mehata**

**Advisor - Apple iOS ADC**

Dean - SCIMS

**Mr. N. Rajendran**

**Coordinator - Apple iOS ADC**

Assistant Professor (Sr. Gr)

Dept. of Information Technology

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***“Coming Together is Beginning , Keeping Together is Progress and Working Together is Success”***

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In order to sustain this development Centre, the following staff from ECE, CSE and CA have been deputed for special training conducted by Apple recognized companies. These staff members are expected to help the Centre and assist the co-coordinator in conducting various activities at Apple iOS Centre.

**Mr. H. Hasan Babu**

Assistant Professor (Sr. Gr), Dept. of ECE

**Mr. A. Sarfaraz Ahmed**

Assistant Professor, Dept. of CSE

**Mr. A. Abdul Azeez Khan**

Assistant Professor, Dept. of CA



BSAU Apple iOS Team

### **Supporting staff**

Mr. R. Sathish Kumar, System Analyst cum Operator Grade - II

Ms. Riffath Shanaz, System Analyst cum Operator Grade - II (Part time)

## Trainings Undergone

S. No.	Period	Programme	Faculty Attended	Training Center
1	24-28 Jul 2012	Mac OS Certification Training	Mr. A. Sarfaraz Ahmed Assistant Professor Dept. of CSE	Styre, Bangaluru
2	24-28 Jul 2012	Mac OS Certification Training	Mr. A. Abdul Azeed Khan Assistant Professor Dept. of CA	Styre, Bangaluru
3	24-28 Sep 2012	iOS Development Certification Training	Mr. N. Rajendran Assistant Professor (Sr. Gr) Dept. of IT	Styre, Bangaluru
4	24-28 Sep 2012	iOS Development Certification Training	Mr. H. Hasan Babu Assistant Professor (Sr. Gr) Dept. of ECE	Styre, Bangaluru

*"It is possible to store the mind with a million facts and still be entirely uneducated "*

*- Albert Einstein*



## Infrastructure

Air-conditioned laboratory with separate server room backed by 20 kVA UPS.

### System details

**Apple iMac Computers : 30**

**Apple Mac Pro Server : 01**



### Hardware Details

#### Apple iMac Computers

- 2.5GHz Intel Core i5 Processor
- 4GB of 1333MHz DDR3 SDRAM
- 500GB Serial ATA Hard Disk
- 21.5 inch widescreen TFT – Full HD Display
- Face Time HD Camera
- AMD Radeon HD 6750M with 512MB

#### Apple Mac Pro Server

- Two 2.4GHz Quad-Core Intel Xeon Westmere Processor
- 16GB of 1066MHz DDR3 ECC SDRAM
- 1TB Serial ATA Hard Disk
- ATI Radeon HD 5770 with 1GB GDDR3 memory

### Software Details

#### Apple iMac Computers

- Apple Mac OS X Lion 10.7 & iLife' 11
- Apple iWork's 09
- Xcode 5.3.1 (Free upgradable)
- iOS 5 SDK (Free upgradable)

#### Apple Mac Pro Server

- Apple Mac OS X Server v10.8

#### Handheld Devices

- Apple iPod Touch 8 GB
- Apple iPad2 16 GB WiFi



## Major activities conducted

- One day technical workshop on **Mobile Application Development in iOS** organized on 21.11.2012. The resource person is Mr. Subash E.P, TechV, Chennai. **25 students and 17 faculty** of our university have been participated in the workshop.
- **HiSPARK 2013**, a Fresher's Training Programme for the **17 students** of our university, those who have placed in M/s Hibrise Technologies Private Limited, Chennai during Jan-May 2013.
- Two day Technical Workshop on **iOS Application Development for Mobile Devices** during 6 – 7, Sep 2013. The resource person is Mr. I. Venkateshwaran, Nextwave Multimedia Pvt Ltd., Chennai. **30 students** of our university have been participated in the workshop.
- Seminar on "**Mobile Application Development for Android OS**" in collaboration with M/s Ransys Bios Technologies Pvt. Ltd., Chennai, on 11<sup>th</sup> October 2013. **130 students** of our university have been participated in the seminar.
- **HiSPARK 2013-14**, a Fresher's Training Programme in iOS platform for the **23 students** of our university, those who have placed in M/s Hibrise Technologies Private Limited, Chennai during Dec 2013-Aug 2014.
- One day workshop on "**IBM Worklight Tools**" is jointly organized with FTA-BSAU, in collaboration with ICTACT and IBM on 1<sup>st</sup> Feb 2014. The resource persons are Mr.Lawrence Mohanraj, DGM, Academic Initiative, IBM and Mr. Lokesh, Android Trainer, IBM **39 faculty members** participated in the workshop, out of which 30 are from other institutions.



## Placement

**M/s Hibrise Technologies Pvt Ltd** has recruited our university students for Mobile Application Development in iOS and Android OS. They are conducting a training programme HiSPARK for the placed students in BSAU Apple iOS Application Development Centre.

Most of the recruitments for M/s Hibrise Technologies are only from B S Abdur Rahman University, because of the facilities available in BSAU Apple iOS Application Development Centre.

### Students placed in M/s Hibrise Technologies Pvt Ltd

No. of students placed in the academic year 2012-13 : 17

No. of students placed in the academic year 2013-14 : 44



### Projects carried out (2012-13)

- Unified Cloud based Media Player with File Management
- An Automated Scheduling System for Doctors to Manage Patients' Appointment for iOS Device using Web Service
- iOS Based Application for Doctors to Manage Patients' Appointment using Text Based Service
- News Content Generation Based on MVC Framework using Gesture Recognizer in iOS
- Content Generation and Extraction Based on Centriod Using MVC Framework
- Unified Cloud Player
- iPhone University Guide
- MVC Based Application in iOS for University Guide
- Span Based News Retrieval Based on Google Maps
- Identification of Generic Sentences for Generating Meaningful Words in iOS Application
- An Approach to Form Meaningful Word Set in iOS Application
- Region Based News Retrieval Using Google Maps
- Emotion Based Mining for Social Media
- Emotion Based Status Share in Social Media
- Emotion Based Status Share in Social Network

## Ongoing Projects (2013-14)

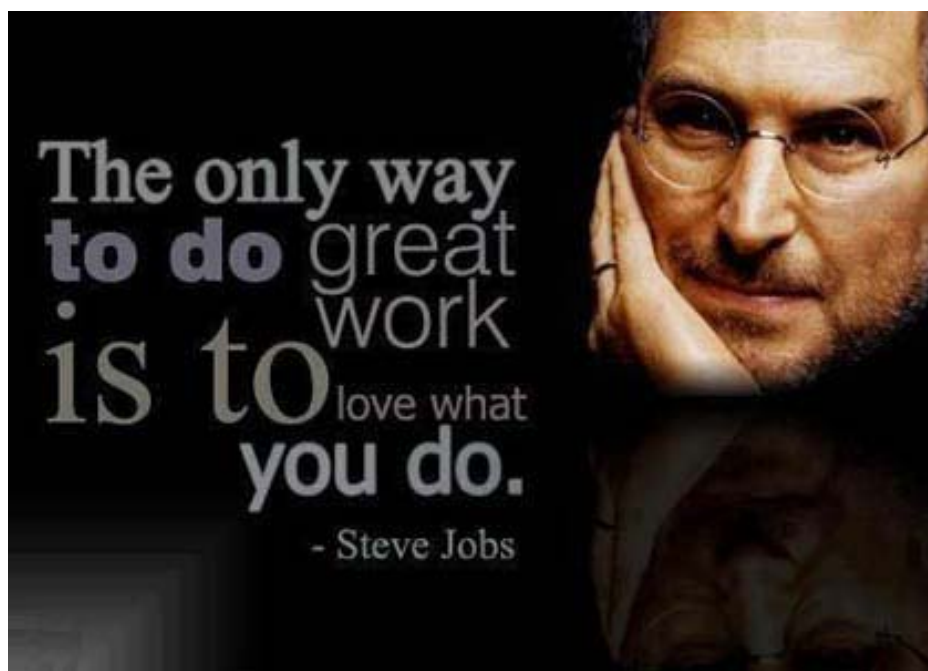
- Easy – Expense Recorder
- Book Keeper
- Book Reading Keeper
- Run Guide
- Snap & Share
- Code Mania
- Pix and Fix
- Ecoblog





BSAU - Apple iOS Application Development Centre





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