ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavana Campus, Mijar – 574225, Moodbidri.

Dakshina Kannada Karnataka, India.

Department of Computer Science and Engineering

CERTIFICATION COURSE

on

"APPLE iOS DEVELOPMENT"

ACADEMIC YEAR

2016-17

AIET|CC|CSE|2016-17|01

Date: 2/04/16
Place: AIET, Moodbidri.

APPROVAL LETTER

To,

The Principal,

AIET, Moodbidri

Respected Sir,

Sub: - Approval for Organizing the Students Certification/Training Program on "Apple iOS Development"-Reg.

With reference to the subject cited above, I would like to bring to your kind notice that, the Department is planning to host a Student Training Program/ certification course on **"Apple iOS Development"** from **"27ᵗʰ August 2016"** to **"10ᵗʰ April 2017"** (Only weekends).

Kindly consider the above request and approve the same for further proceedings.

Thanking you Sir.

Coordinator:

Mr. Venkatesh Bhat

Head of the Department:

Mr. Manjunath Kotari

H.O.D.
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

Principal:

PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K.

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri – 574 225
Phone: 08258-262725 Fax: 08258-262726

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dated 20/05/2016

CIRCULAR

All the Studentsare hereby informed that there is a certification course on **iOS Application Development** which is scheduled from **27/08/2016 to 10/04/2017 (only weekends)** which is conducted by **Ms. Swathi Hebbar,** Apple Certified Trainer, Dheemahi Inc. Udupi. Interested students kindly register your names on or before **6/6/2016**.

(HOD)

Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

❖ **Invocation**

❖ **Welcome Speech**

❖ **Introducing the Chief Guest**

❖ **Honoring the Chief Guest**

❖ **Inauguration**

❖ **Presidential Speech**

❖ **Vote of Thanks**

ALVA'S INSTITUTE OF ENGINEERING AND

TECHNOLOGY, MOODBIDRI

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Cordially invites you to the

Inauguration of Certification Program

On

"Apple iOS App Development"

Resource Person: **Ms. Swathi Hebbar**
Dheemahi Inc.,
Udupi

Guest of Honor: Mr. Vivek Alva

Managing Trustee

President: **Dr. Peter Fernandes**

Principal, AIET, Moodbidri.

Coordinator   **Head of the Department**

Mr. Venkatesh Sir   **Mr. Manjunath Kotari**

Associate Professor   Professor and Head, Dept. of CSE

Venue: Seminar Hall, First Floor, AIET Main Block@9.00AM

ABOUT VTU, BELAGAVI

Visvesvaraya Technological University is a collegiate public state university in Karnataka State, India. It was established by the Government of Karnataka. The university is named after **M. Visvesvaraya** from Karnataka, the only engineer to be awarded a "**Bharat Ratna**", the highest civilian award in India. Jnana Sangama, Belagavi is the headquarters of VTU. Additionally, the university has three regional centers in Bangalore, Gulbarga and Mysore. VTU is one of the largest universities in India with 212 colleges affiliated to it with an intake capacity of over 467,100 undergraduate students and 12,666 postgraduate students. The university encompasses technical and management fields which offer 30 undergraduate and 71 postgraduate courses. It has around 1800 PhD candidates. VTU has 13 QIP centers and 17 extension centers in its affiliated colleges offering postgraduate courses. It has around 2,305 departments recognized as research centers which are spread across its affiliated institutions in cities of Karnataka.

AIET, MOODBIDRI

Alva's Education Foundation (AEF) established in 1995 with the vision of our Chairman **Dr. M. Mohan Alva** has succeeded in making Moodbidri, an Educational hub in the South Canara Region, with more than 25000 students pursuing various courses ranging from primary school to post-graduate courses in social sciences, pure sciences, engineering and management. There are 21 institutions functioning under the Alva's Education Foundation.

Alva's Institute of Engineering and Technology, Moodbidri is a Premier Engineering Institute of Alva's Education Foundation, established in the year 2008. The college is certified to the ISO 9001: 2008 standards. The institute offers top quality education in five under graduate programs in Engineering- Computer Science, Civil, Electronics & Communications, Information Science, and Mechanical Engineering- Three Post Graduate programs- Master of Technology in Thermal Power Engineering, Computer Science & Engineering, VLSI Design Embedded System and Master of Business Administration.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Department was started in the year 2008 with an intake of 60 for the undergraduate program. The program has become popular among students due to the achievements and rigor. The department has well-equipped classrooms and computer laboratories with high-end systems as per the AICTE norms. The department is affiliated to Visvesvaraya Technological University (VTU).

The Department carries out various Industry-Institute interaction events for the benefit of the students. The Department conducts various Seminars and Technical talks in collaboration with various Companies also. Faculty members are of many Professional societies like IEEE, ISTE, etc. With an objective of developing core competence in the respective subject specializations and for learning newer technologies, the Department has formed the various Technical divisions.

ABOUT iOS COURSE

iOS (formerly iPhone OS) is a mobile operating system created and developed by Apple Inc. exclusively for its hardware. It is the operating system that presently powers many of the company's mobile devices, including the iPhone, and iPod Touch. It is the second most popular mobile operating system globally after Android. Originally unveiled in 2007 for the iPhone, iOS has been extended to support other Apple devices such as the iPod Touch (September 2007) and the iPad (January 2010). Major versions of iOS are released annually.

Continuing with the effort of training the members, a Student Training Program is organized on "**Apple iOS App Development**" at AIET Moodbidri by the Department of Computer Science and Engineering.

As per the current trend, due to constant change and development in digitization, our lives are improving in all areas. To deliver a quality product, we need to have Software designing skills in the Software Development Process.

COURSE CONTENT

1. Introduction to iOS .
2. Introduction to SwiftC and Xcode.
3. iOS image display.
4. Animations on images.
5. MultiTab Communication.
6. Layouts in iOS.
7. Notifications.
8. Network Communication.
9. Media Player.
10. Database (SQLite)

RESOURSE PERSON

Ms. Swathi Hebbar
Dheemahi Inc.,
Udupi

PROGRAM SCHEDULE

27- AUGUST -2016

Inauguration:	09:30 am to 10:00 am
Keynote Address:	10:00 am to 11:00 am
Tea Break:	11:00 am to 11:15 am
Session 1:	11:15 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 2:	02:00 pm to 05:00 pm

03- SEPTEMBER -2016

Session 3:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 4:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 5:	02:00 pm to 05:00 pm

17- SEPTEMBER -2016

Session 6:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 7:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 8:	02:00 pm to 05:00 pm

01- OCTOBER -2016

Session 9:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 10:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 11:	02:00 pm to 05:00 pm

08- OCTOBER -2016

Session 12:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 13:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 14:	02:00 pm to 05:00 pm

15- OCTOBER -2016

Session 15:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 16:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 17:	02:00 pm to 05:00 pm

29- OCTOBER -2016

Session 18:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 19:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 20:	02:00 pm to 04:30 pm

05- NOVEMBER -2016

Session 21:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 22:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 23:	02:00 pm to 04:30 pm

4- FEBRUARY -2017

Session 24:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 25:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 26:	02:00 pm to 04:30 pm

18- FEBRUARY -2017

Session 27:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 28:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 28:	02:00 pm to 04:30 pm

11- MARCH -2017

Session 29:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 30:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 31:	02:00 pm to 04:30 pm

08- APRIL -2017

Session 32:	09.00 am to 11:00 am
Tea Break:	11.00 am to 11.20 am
Session 33:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 34:	02:00 pm to 04:30 pm

Registration List Of Students For Apple iOS Application Development Certification

SLN	USN	NAME
1.	4AL13CS060	Nitesh Narayan Vaidya
2.	4AL13CS067	Pratheek P P
3.	4AL13CS116	Vimal K
4.	4AL14CS002	Aishwarya Saraswathi H M
5.	4AL14CS004	Akash Kubasad
6.	4AL14CS015	Bharath M
7.	4AL14CS019	Chandana C
8.	4AL14CS027	Hrishikesh Shetty
9.	4AL14CS031	K Nikhil V Shetty
10.	4AL14CS043	Manasa R
11.	4AL14CS044	Manjula K C
12.	4AL14CS049	Nikhitha Kale M
13.	4AL15CS409	Vikram
14.	4AL15CS007	Algeena Carol Dsouza
15.	4AL15CS023	Chaithra Gajandimath
16.	4AL15CS035	Geethanjali Bishtannavar
17.	4AL15CS037	H Akshay Kedlaya
18.	4AL15CS042	Jagdish Rathi
19.	4AL15CS046	Jolyn Tellis
20.	4AL15CS055	Megha
21.	4AL15CS073	Rahul Narayana Nayak
22.	4AL15CS106	Vinay S

23.	4AL15CS111	Safeeq B
24.	4AL15CS115	Aditya Maruthi Nayak
25.	4AL15CS027	Deeksha
26.	4AL15CS028	Deeksha Shetty
27.	4AL15CS029	Deekshitha
28.	4AL15CS030	Devika Shetty M
29.	4AL15CS031	Dhanush V U
30.	4AL15CS041	Hemanth T
31.	4AL15CS044	Jeevith R
32.	4AL15CS045	Jeffin Boban
33.	4AL15CS067	Poojary Tushar Vittal
34.	4AL15CS068	Poorna Shetty
35.	4AL15CS069	Prajwal S
36.	4AL15CS071	Priyanka Basavaraj Murdeshwar
37.	4AL15CS072	Priyanka S P
38.	4AL15CS074	Rai Adarsh Chandrahasa
39.	4AL15CS075	Rajarajeshwari B B
40.	4AL15CS076	Rakesh H M
41.	4AL15CS077	Rakshitha H B
42.	4AL15CS079	Ranjith
43.	4AL15CS091	Sneha K N
44.	4AL15CS092	Shridevi
45.	4AL15CS093	Srujana G B
46.	4AL15CS094	Sudharshan G
47.	4AL15CS095	Sumith Kumar S K

48.	4AL15CS101	Thripthi A H
49.	4AL15CS102	Vaibhavi Vitthal Kulakarni
50.	4AL15CS103	Vandana E V
51.	4AL15CS019	Basavaraj C
52.	4AL15CS020	Bhargavi Ravi
53.	4AL15CS022	Chaithra
54.	4AL15CS024	Chaithra R G
55.	4AL15CS026	Darshan M
56.	4AL15CS065	Pooja K
57.	4AL15CS066	Poojary Prajwal Prabhakar
58.	4AL15CS082	Sai Charan R
59.	4AL15CS083	Sanjay M N
60.	4AL15CS084	Shetty Mayur Kishore
61.	4AL15CS087	Shraddha B Shetty
62.	4AL15CS088	Shreyas C Rao
63.	4AL15CS112	Pramod K S
64.	4AL16CS400	Chandan B
65.	4AL16CS401	Nalini
66.	4AL16CS403	Yogesh
67.	4AL12CS003	Aishwarya Ramesh
68.	4AL12CS009	Anoop Naik
69.	AL12CS010	Anusha Ajith
70.	4AL12CS036	Gireesh Mon P M
71.	4AL12CS048	Manisha K P
72.	4AL12CS062	Payal M P Shetty

73.	4AL13CS001	Adarsh Ajith
74.	4AL13CS002	Adhiel Hussain
75.	4AL13CS003	Aishwarya K Shetty
76.	4AL13CS004	Akash G
77.	4AL13CS005	Akshatha Bhat
78.	4AL13CS007	Amina Sajiaha
79.	4AL13CS008	Aniketan Noel
80.	4AL13CS011	Anusha S Aradhya
81.	4AL13CS012	Anusha V
82.	4AL13CS013	Anvitha Shubhaveer Jain
83.	4AL13CS024	Darshsana K
84.	4AL13CS025	Deeksha Shetty B
85.	4AL13CS026	Deeksha Shetty D
86.	4AL13CS027	Deena Deepika Cutinha
87.	4AL13CS028	Deepak D K
88.	4AL13CS032	Drisya S Babu
89.	4AL13CS034	Gaurav Suvarna
90.	4AL13CS035	Goutami Prakash Hosur
91.	4AL13CS036	Gowrava
92.	4AL13CS037	Gururaj Hipparagi
93.	4AL13CS038	Hasmitha B V
94.	4AL13CS039	Hellen Treesa John
95.	4AL13CS040	Hitesh Harikrishnan

H. O. D.
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574225

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Attendance List Of Students For Apple iOS Application Development Certification

SL N	USN	NAME	27/8/16		3/9/16		17/9/16		1/10/16		8/10/16		15/10/16	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	4AL13CS060	Nitesh Narayan Vaidya												
2.	4AL13CS067	Pratheek P P												
3.	4AL13CS116	Vimal K												
4.	4AL14CS002	Aishwarya Saraswathi												
5.	4AL14CS004	Akash Kubasad												
6.	4AL14CS015	Bharath M												
7.	4AL14CS019	Chandana C												
8.	4AL14CS027	Hrishikesh Shetty												
9.	4AL14CS031	K Nikhil V Shetty												
10.	4AL14CS043	Manasa R												
11.	4AL14CS044	Manjula K C												
12.	4AL14CS049	Nikhitha Kale M												
13.	4AL15CS409	Vikram												
14.	4AL15CS007	Algeena Carol Dsouza												
15.	4AL15CS023	Chaithra Gajandimath												
16.	4AL15CS035	Geethanjali Bishtannavar												
17.	4AL15CS037	H Akshay Kedlaya												
18.	4AL15CS042	Jagdish Rathi												
19.	4AL15CS046	Jolyn Tellis												
20.	4AL15CS055	Megha												
21.	4AL15CS073	Rahul Narayana Nayak												

22.	4AL15CS106	Vinay S														
23.	4AL15CS111	Safeeq B														
24.	4AL15CS115	Aditya Maruthi Nayak														
25.	4AL15CS027	Deeksha														
26.	4AL15CS028	Deeksha Shetty														
27.	4AL15CS029	Deekshitha														
28.	4AL15CS030	Devika Shetty M														
29.	4AL15CS031	Dhanush V U														
30.	4AL15CS041	Hemanth T														
31.	4AL15CS044	Jeevith R														
32.	4AL15CS045	Jeffin Boban														
33.	4AL15CS067	Poojary Tushar Vittal														
34.	4AL15CS068	Poorna Shetty														
35.	4AL15CS069	Prajwal S														
36.	4AL15CS071	Priyanka Basavaraj														
37.	4AL15CS072	Priyanka S P														
38.	4AL15CS074	Rai Adarsh Chandrahasa														
39.	4AL15CS075	Rajarajeshwari B														
40.	4AL15CS076	Rakesh H M														
41.	4AL15CS077	Rakshitha H B														
42.	4AL15CS079	Ranjith														
43.	4AL15CS091	Sneha K N														
44.	4AL15CS092	Shridevi														
45.	4AL15CS093	Srujana G B														
46.	4AL15CS094	Sudharshan G														

No.	USN	Name												
47.	4AL15CS095	Sumith Kumar S												
48.	4AL15CS101	Thripthi A H												
49.	4AL15CS102	Vaibhavi Vitthal Kulakarni												
50.	4AL15CS103	Vandana E V												
51.	4AL15CS019	Basavaraj C												
52.	4AL15CS020	Bhargavi Ravi												
53.	4AL15CS022	Chaithra												
54.	4AL15CS024	Chaithra R G												
55.	4AL15CS026	Darshan M												
56.	4AL15CS065	Pooja K												
57.	4AL15CS066	Poojary Prajwal Prabhakar												
58.	4AL15CS082	Sai Charan R												
59.	4AL15CS083	Sanjay M N									AB		
60.	4AL15CS084	Shetty Mayur Kishore												
61.	4AL15CS087	Shraddha B												
62.	4AL15CS088	Shreyas C Rao												
63.	4AL15CS112	Pramod K S											AB
64.	4AL16CS400	Chandan B												
65.	4AL16CS401	Nalini												
66.	4AL16CS403	Yogesh												
67.	4AL12CS003	Aishwarya Ramesh												
68.	4AL12CS009	Anoop Naik												
69.	AL12CS010	Anusha Ajith												
70.	4AL12CS036	Gireesh Mon P M												
71.	4AL12CS048	Manisha K P												

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225
Phone: 08258-262725, Fax: 08258-262726

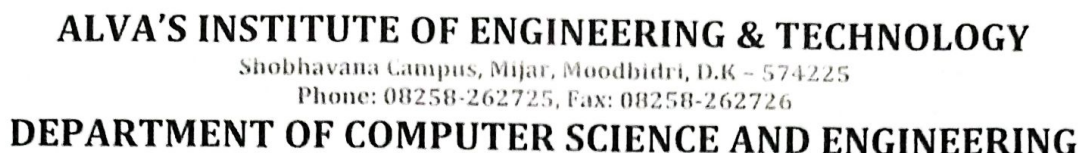## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

72.	4AL12CS062	Payal M P Shetty													
73.	4AL13CS001	Adarsh Ajith													
74.	4AL13CS002	Adhiel Hussain													
75.	4AL13CS003	Aishwarya K Shetty													
76.	4AL13CS004	Akash G													
77.	4AL13CS005	Akshatha Bhat													
78.	4AL13CS007	Amina Sajiaha													
79.	4AL13CS008	Aniketan Noel													
80.	4AL13CS011	Anusha S Aradhya													
81.	4AL13CS012	Anusha V													
82.	4AL13CS013	Anvitha Shubhaveer Jain													
83.	4AL13CS024	Darshsana K													
84.	4AL13CS025	Deeksha Shetty B													
85.	4AL13CS026	Deeksha Shetty D													
86.	4AL13CS027	Deena Deepika Cutinha													
87.	4AL13CS028	Deepak D K													
88.	4AL13CS032	Drisya S Babu													
89.	4AL13CS034	Gaurav Suvarna													
90.	4AL13CS035	Goutami Prakash Hosur													
91.	4AL13CS036	Gowrava													
92.	4AL13CS037	Gururaj Hipparagi													
93.	4AL13CS038	Hasmitha B V													
94.	4AL13CS039	Hellen Treesa John													
95.	4AL13CS040	Hitesh Harikrishnan													

H.O.D.
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225
Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Attendance List Of Students For Apple iOS Application Development Certification

S L N	USN	NAME	29/10/16		5/11/16		4/2/17		18/2/17		11/3/17		8/4/17	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	4AL13CS060	Nitesh Narayan Vaidya		AB										
2.	4AL13CS067	Pratheek P P												
3.	4AL13CS116	Vimal K												
4.	4AL14CS002	Aishwarya Saraswathi												
5.	4AL14CS004	Akash Kubasad												
6.	4AL14CS015	Bharath M												
7.	4AL14CS019	Chandana C												
8.	4AL14CS027	Hrishikesh Shetty												
9.	4AL14CS031	K Nikhil V Shetty												
10.	4AL14CS043	Manasa R												
11.	4AL14CS044	Manjula K C												
12.	4AL14CS049	Nikhitha Kale M												
13.	4AL15CS409	Vikram												
14.	4AL15CS007	Algeena Carol Dsouza												
15.	4AL15CS023	Chaithra Gajandimath												
16.	4AL15CS035	Geethanjali Bishtannavar												
17.	4AL15CS037	H Akshay Kedlaya												
18.	4AL15CS042	Jagdish Rathi												
19.	4AL15CS046	Jolyn Tellis												
20.	4AL15CS055	Megha												
21.	4AL15CS073	Rahul Narayana Nayak										AB		

No.	USN	Name												
22.	4AL15CS106	Vinay S												
23.	4AL15CS111	Safeeq B												
24.	4AL15CS115	Aditya Maruthi Nayak												
25.	4AL15CS027	Deeksha												
26.	4AL15CS028	Deeksha Shetty												
27.	4AL15CS029	Deekshitha												
28.	4AL15CS030	Devika Shetty M												
29.	4AL15CS031	Dhanush V U												
30.	4AL15CS041	Hemanth T												
31.	4AL15CS044	Jeevith R												
32.	4AL15CS045	Jeffin Boban												
33.	4AL15CS067	Poojary Tushar Vittal												
34.	4AL15CS068	Poorna Shetty												
35.	4AL15CS069	Prajwal S												
36.	4AL15CS071	Priyanka Basavaraj												
37.	4AL15CS072	Priyanka S P												
38.	4AL15CS074	Rai Adarsh Chandrahasa												
39.	4AL15CS075	Rajarajeshwari B												
40.	4AL15CS076	Rakesh H M												
41.	4AL15CS077	Rakshitha H B												
42.	4AL15CS079	Ranjith												
43.	4AL15CS091	Sneha K N												
44.	4AL15CS092	Shridevi												
45.	4AL15CS093	Srujana G B												
46.	4AL15CS094	Sudharshan G												

47.	4AL15CS095	Sumith Kumar S	Sumith	Sumith	Sumith	Sumith	AB	Sumith	Sumith	Sumith	Sumith	Sumith	Sumith	Sumith
48.	4AL15CS101	Thripthi A H												
49.	4AL15CS102	Vaibhavi Vitthal Kulakarni	Vaibh	Vaibh	Vaibh	Vaibh	Vaibh	Vaibh	Vaibh	Vaibh	Vaibh	Vaibh	Vaibh	AB
50.	4AL15CS103	Vandana E V	Vand	Vand	Vand	Vand	Vand	Vand	Vand	Vand	Vand	Vand	Vand	Vand
51.	4AL15CS019	Basavaraj C	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC
52.	4AL15CS020	Bhargavi Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi
53.	4AL15CS022	Chaithra	Chai	Chai	Chai	Chai	Chai	Chai	Chai	Chai	Chai	Cha	Chai
54.	4AL15CS024	Chaithra R G	CReu	CRa	CReu	CReu	CReu	CReu	CReu	CReu	CReu	CRut	CReu
55.	4AL15CS026	Darshan M	Dash	Dash	Dash	Dash	Dash	Dash	Dash	Dash	Dash	Dash	Dash
56.	4AL15CS065	Pooja K	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
57.	4AL15CS066	Poojary Prajwal Prabhakar	Praj	Pooj	Praj	Pooj	Pooj	Pooj	Pooj	Pooj	Pooj	Pooj	Pooj	Pooj
58.	4AL15CS082	Sai Charan R	SCR	SCR	SCR	SCR	SCR	SCR	SCR	Scc	SCR	SCR	SCR	SCR
59.	4AL15CS083	Sanjay M N	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
60.	4AL15CS084	Shetty Mayur Kishore	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur
61.	4AL15CS087	Shraddha B	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha
62.	4AL15CS088	Shreyas C Rao	SCRao	SCRao	SCRao	SCRao	SCRao	SCRao	SCRao	SCRao	SCRao	SCRao	SCRao
63.	4AL15CS112	Pramod K S	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod
64.	4AL16CS400	Chandan B	Chan	Chan	Chan	Chan	Chan	Chan	Chan	Chan	Chan	Chan	Chan
65.	4AL16CS401	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini
66.	4AL16CS403	Yogesh	Yogi	Yogi	Yogi	Yogi	Yogi	Yogi	Yogi	Yogi	Yogi	Yogi	Yogi	Yogi
67.	4AL12CS003	Aishwarya Ramesh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
68.	4AL12CS009	Anoop Naik	Anoop	Anoop	Anoop	Anoop	Anoop	Anoop	Anoop	Anoop	Anoop	Anoop	Anoop	Anoop
69.	AL12CS010	Anusha Ajith												
70.	4AL12CS036	Gireesh Mon P M	Gireesh	Gireesh	Gireesh	Gireesh	Gireesh	Gireesh	Gireesh	Gireesh	Gireesh	Gireesh	Gireesh	Gireesh
71.	4AL12CS048	Manisha K P	Manish	Manish	Manish	Manish	Manish	Manish	Manish	Manish	Manish	Manish	Manish	Manish

72.	4AL12CS062	Payal M P Shetty												
73.	4AL13CS001	Adarsh Ajith												
74.	4AL13CS002	Adhiel Hussain												
75.	4AL13CS003	Aishwarya K Shetty												
76.	4AL13CS004	Akash G												
77.	4AL13CS005	Akshatha Bhat												
78.	4AL13CS007	Amina Sajiaha												
79.	4AL13CS008	Aniketan Noel												
80.	4AL13CS011	Anusha S Aradhya												
81.	4AL13CS012	Anusha V												
82.	4AL13CS013	Anvitha Shubhaveer Jain												
83.	4AL13CS024	Darshsana K												
84.	4AL13CS025	Deeksha Shetty B												
85.	4AL13CS026	Deeksha Shetty D												
86.	4AL13CS027	Deena Deepika Cutinha												
87.	4AL13CS028	Deepak D K												
88.	4AL13CS032	Drisya S Babu												
89.	4AL13CS034	Gaurav Suvarna												
90.	4AL13CS035	Goutami Prakash Hosur												
91.	4AL13CS036	Gowrava												
92.	4AL13CS037	Gururaj Hipparagi												
93.	4AL13CS038	Hasmitha B V												
94.	4AL13CS039	Hellen Treesa John												
95.	4AL13CS040	Hitesh Harikrishnan												

Quiz on Apple iOS Course

1. What are the characteristics of Switch in Swift?

A. It supports any kind of data, and not only synchronize but also checks for equality
B. When a case is matched in switch, the program exists from the switch case and does not continue checking next cases. So you don't need to explicitly break out the switch at the end of case
C. Switch statement must be exhaustive, which means that you have to cover all possible values for your variable
D. All of the above

2. How do you declare an Iboutlet property?

A. IBOutlet var button:UIButton
B. var button:UIButton(IBOutlet)
C. var button:UIButtonoutlet
D. None of the mentioned

3. What are the features of Swift Programming?

A. It eliminates entire classes of unsafe code
B. Variables are always initialized before use
C. Arrays and integers are checked for overflow
D. All of these

4. What are the control transfer statements used in Swift?
A. Continue
B. Break
C. Fallthrough
D. All of these

5. What are the advantages of Swift?

A. Swift is safe
B. Swift is fast
C. Swift is open source
D. All of the above

6. What's are the new features in Swift 4.0?

A. Faster, easier to use Strings that retain Unicode correctness
B. Smart key paths for type-safe, efficient, extensible key value coding for Swift types
C. Added some enhancements to creating dictionary and Set types
D. All of the above

7. What type of integer is denoted by "Int8"?
A. Open
B. Signed
C. Unsigned
D. Close

8. Given : var stringValue:String = "Justin Gif". What is the result of stringValue = nil?

A. stringValue == nil
B. stringValue == "Justin Gif"
C. the compiler won't allow it
D. None

Quiz on Apple iOS Course

9. What are the collection types in Swift?

A. Dictionary and array
B. Array and library
C. Dictionary and library
D. Library, dictionary and array

10. Swift is which type of language?

A. scripting language
B. object-oriented programming language
C. type safe language
D. All of the above

11. Which of the following framework is not used in iOS ?

A. UIKit Framework
B. AppKit Framework
C. Foundation Framework
D. CoreMotion Framework

12. The application has not been launched or was running but terminated by the device. Determine the current state of App.
A. Suspended state
B. Background state
C. Inactive state
D. Not running state

13. Which of the following statement is wrong ?
A. IBAction is a type qualifier used by IB to enable connection user experience elements and app code.
B. IBAction resolves to void
C. IBAction is a macro defined to denote a method that can be referred to in Interface Builder.
D. None of them

14. What is the built-in database used in iOS ?
A. MySQL
B. SQLite
C. Apache
D. Oracle

15. The iPhone OS is a version of
   A. MS-DOS
   B. Linux
   C. Mac OS X
   D. Windows Mobile 5

FEEDBACK FORM

Students Training Program
On

"Apple iOS7 Application Development"

For the following areas, please indicate your rating from 1 to 5:
1=strongly Disagree 2=Disagree 3=neither agree nor disagree 4=Agree 5=strongly Agree

Name		Sem & Sec	

SN	Topics	1	2	3	4	5
A.	Content					
1	Understood the basics of iOS Application Development					
2	Understood the concepts of actions and delegates					
3	Understood the concepts of Application Debugging for the given problems					
4	Understood the concepts of UI Elements.					
5	Able to design iOS applications using SwiftC and Xcode Programming.					
B	Presentation					
6	Resource Person knowledge					
7	Resource Person style					
8	Resource Person covered material clearly					
9	Resource Person responded well to questions					
10	Resource Person facilitated interactions among participants well					

C. How could this workshop be improved?

D. Any other comments or suggestions?

E. Overall, how would you rate this workshop?

Poor		Good
Neither Good Nor Poor		Excellent

Please return this form to the instructor or organizer at the end of the workshop. Thank you

Report on
Apple iOS Development

Department of CSE organized One Year (Two Semesters) Certification Course on "Apple iOS Development". This program was conducted from 27th August 2016 to 10th April 2017. The Resource Person of the program was Ms. Swathi Hebbar and Mr. Suhas Kini, Apple Certified Trainer, Dhimahi Inc, Udupi. Mr. Manjunath Kotari, HOD CSE, AIET and Mr. Venkatesh Bhat Senior Associate Professor and coordinator of the program, were present during the inauguration.

This Certification Course was conducted for 2nd year and 3rd year and final year CSE Students of AIET. Total of Ninety Five students in 2 separate batches were trained during this period. The course was held on every weekend in the above said duration. The students were taught on various features of Apple iOS like image display, and some animations with images, Databases using SQLite, Multi tab Communication, Drawing tables, Multi window communications Network Communications etc....
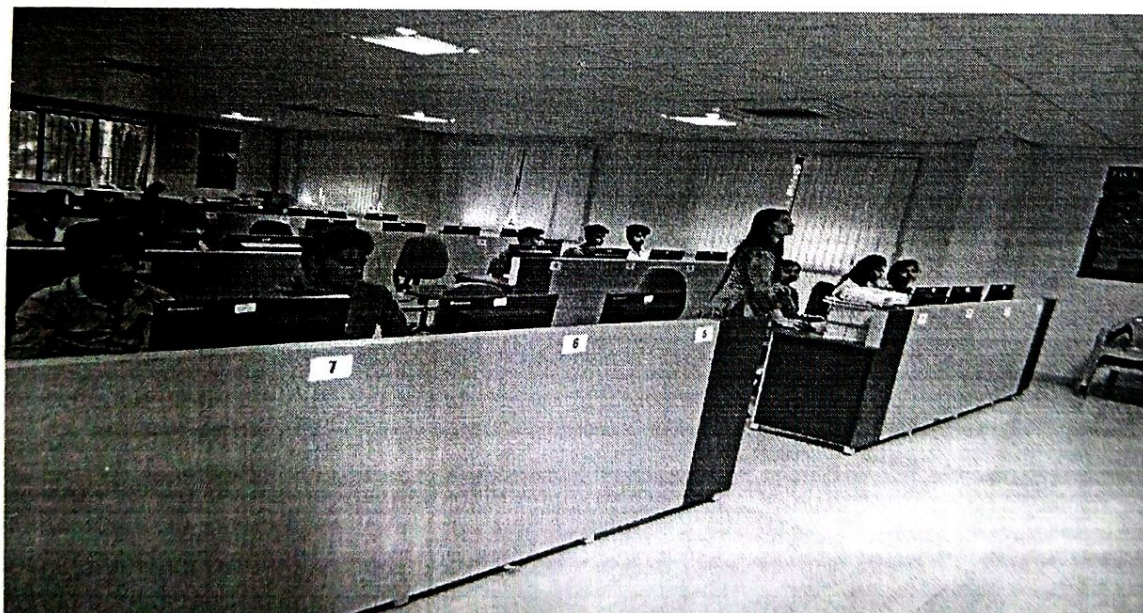
Coordinator

HOD.
H. O. D.
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

Summary Report of Add-on / Certificate program with its Outcomes

Academic Year : 2016-17	Duration: 27th August 2016 to 10th April 2017
Title of the Course: Apple iOS Development	
Resource Person: Ms. Swathi Hebbar, Apple Certified Trainer, Dhimahi Inc, Udupi	

The department conducted a 12 days Certification Course on "Apple iOS Development" from 27th August 2016 to 10th April 2017. Ms. Swathi Hebbar, Apple Certified Trainer, Dhimahi Inc, Udupi was the resource person. She delivered a comprehensive and in-depth information about the iOS architecture, Application Development and Publishing the Application on the Play store.

95 students of 2nd and 3rd year, Department of CSE are benefitted from this course and were able to

- Able to design and create iOS apps.
- Students got leverage about the Swift, the iOS SDK, and Apple developer tools.
- Familiar with object-oriented programming, design patterns, type systems, functional language features, user interface design, best practices in programming, and problem analysis.

HOD. O. D.
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
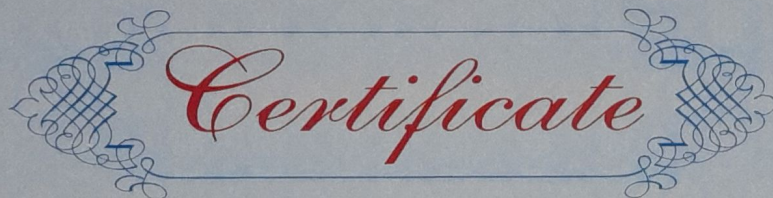Mijar, MOODBIDRI - 574 225

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(A Unit of Alva's Education Foundation ®, Moodbidri)

**Shobhavana Campus, Mijar, Moodbidri - 574225,
Mangalore, D.K.**

(An ISO 9001:2008 Certified Institution, Affiliated to VTU, Belagum,
Recognized by DTE, Govt. of Karnataka and Approved by AICTE, New Delhi)

DEPARTMENT OF
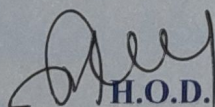## COMPUTER SCIENCE & ENGINEERING

Certificate

This is to certify that Mr./Ms. .... bearing USN

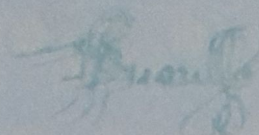.. has attended the

Certificate course on **"Android App Development / iOS App Development"**

held from 27th August 2016 to 10th April 2017.

H.O.D.
Prof. Manjunath Kotari

Principal
Dr. Peter Fernandes