



# 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

A1ET/CC/CSE/2018-19/06

Date: 20/06/2018

Place: AIET, Moodbidri.

### APPROVAL LETTER

To,

The Principal,  
AIET, Moodbidri

Respected Sir,

**Sub: - Approval for Organizing the Students Certification/Training Program on "Apple iOS App Development using SwiftC and Xcode"-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 App Development using SwiftC and Xcode**" from "**10<sup>th</sup> July 2018 to 17<sup>th</sup> July 2018**" and "**29<sup>th</sup> September 2018 to 03<sup>rd</sup> October 2018**"

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

Thanking you Sir.

**Coordinator:**

**Mr. Venkatesh Bhat**

**Head of the Department:**

**H. O. D.**  
**Dr. Manjunath Kotari**  
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.



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Dated 05/07/2018

### CIRCULAR

All the students are hereby informed that there is a certification course on Apple iOS App Development using SwiftC and Xcode in Association with Calibre Code Solutions pvt. Ltd. All registered students are hereby informed to attend and actively participate in the course to be held during 10<sup>th</sup> July 2018- 16<sup>th</sup> July 2018 and 29<sup>th</sup> September 2018 – 03<sup>rd</sup> October 2018 in Apple iOS Lab.

(H.O.D.)

Dept. Of Computer Science & Engineering  
Alva's Institute of Engineering & 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, MOOBBIDRI**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Cordially invites you to the

**Inauguration of Certification Program**

On

**"Apple iOS App Development"**

**Resource Person: Mrs. Seema Nair**

CalibreCode Solution Pvt. Ltd.

**Guest of Honor: Mr. Vivek Alva**

Managing Trustee

**President: Dr. Peter Fernandes**

Principal, AIET, Moodbidri.

**Coordinator**

**Mr. Venkatesh Sir**

Associate Professor

**Head of the Department**

**Mr. Manjunath Kotari**

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 undergraduate 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)

## RESOURCE PERSON

**Mrs. Seema Nair**

CalibreCode Solution Pvt. Ltd.

## PROGRAM SCHEDULE

### 10- JULY -2018

Registration:	08:30 am to 09:30 am
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

### 11- JULY -2018

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

### 12- JULY -2018

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



**30- SEPTEMBER -2018**

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 05:00 pm

**13- JULY-2018**

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

**01- OCTOBER-2018**

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 29: 02:00 pm to 05:00 pm

**15- JULY -2018**

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

**02- OCTOBER-2018**

Session 30: 09.00 am to 11:00 am  
 Tea Break: 11.00 am to 11.20 am  
 Session 31: 11.20 am to 01.00 pm  
 Lunch Break: 01:00 pm to 02:00 pm  
 Session 32: 02:00 pm to 05:00 pm

**16- JULY -2018**

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 05:00 pm

**03- OCTOBER-2018**

Session 30: 09.00 am to 11:00 am  
 Tea Break: 11.00 am to 11.20 am  
 Session 31: 11.20 am to 01.00 pm  
 Lunch Break: 01:00 pm to 02:00 pm  
 Session 32: 02:00 pm to 04:30 pm  
 Valedictory: 04:30 pm to 05:00 pm

**29- SEPTEMBER -2018**

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 05:00 pm



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### Attendance List of Students for Apple iOS App Development Program Certification Course

SLN	USN	NAME
1.	4al14cs001	Aishwaryahosamani
2.	4al15cs103	Vandana E V
3.	4al16cs030	Deepika K V
4.	4al16cs103	Soumya Mallasarja
5.	4al16cs005	Aishwarya J
6.	4al16cs009	Ameenahamed
7.	4al16cs010	Amogha U
8.	4al16cs017	Apoorva U
9.	4al16cs018	Arunakumari V
10.	4al16cs020	Banish M G
11.	4al16cs032	Dhanush Shetty
12.	4al16cs043	K Manasa
13.	4al16cs045	Katira Krishna Jitendra
14.	4al16cs053	Mithun Kumar D
15.	4al16cs056	Namratha C
16.	4al16cs079	S K Rahul
17.	4al16cs084	Sannidhi P
18.	4al16cs088	Shamanth M R
19.	4al16cs090	Shashikantchavan
20.	4al16cs093	Shetty Rasik
21.	4al16cs097	Shetty Veekshith
22.	4al16cs105	Srushti

*Arjun*  
Dept. Of Computer Science & Engineering  
Alva's Institute of Engineering & Technology  
MOODBIDRI - 574 225



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23.	4al16cs109	Suraj S Kashyap
24.	4al16cs110	Sushmithashet
25.	4al16cs111	Swathi V A
26.	4al16cs116	Varada S
27.	4al15cs011	Anusha
28.	4al15cs012	Anushri
29.	4al15cs039	Heisnam Sursita Devi
30.	4al15cs049	Kavya Rai A
31.	4al16cs119	Venkatachandrashekhar
32.	4al16cs128	Rohan K Ranjolkar
33.	4al16cs129	Jyothi Lakshmi C S
34.	4al16cs130	Rahul J
35.	4al17cs400	Bharath S
36.	4al15cs101	Thripathi A H
37.	4al15cs110	Sharath D S
38.	4al14cs051	Pavithra G

*Arjun*  
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### Attendance List of Students for Apple iOS App Development Program Certification Course

SLN	USN	NAME	10-7-18		11-7-18		12-7-18		13-7-18		14-7-18		15-7-18	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	4AL14CS001	Aishwarya Hosamani	AIH	AIH	AIH	AIH	AIH	AIH	AIH	AIH	AIH	AIH	AIH	AIH
2.	4AL15CS103	Vandana E V	VW	VW	VW	VW	VW	VW	VW	VW	VW	VW	VW	VW
3.	4AL16CS030	Deepika K V	Deepi	Deepi	Deepi	Deepi	Deepi	Deepi	Deepi	Deepi	Deepi	Deepi	Deepi	Deepi
4.	4AL16CS103	Soumya Mallasarja	Sou	Sou	Sou	Sou	Sou	Sou	Sou	Sou	Sou	Sou	Sou	Sou
5.	4AL16CS005	Aishwarya J	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ
6.	4AL16CS009	Ameenahamed	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame	Ame
7.	4AL16CS010	Amogha U	A	A	A	A	A	A	A	A	A	A	A	A
8.	4AL16CS017	Apoorva U	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU
9.	4AL16CS018	Arunakumari V	Aruna	Aruna	Aruna	Aruna	Aruna	Aruna	Aruna	Aruna	Aruna	Aruna	Aruna	Aruna
10.	4AL16CS020	Banish M G	B	B	B	B	B	B	B	B	B	B	B	B
11.	4AL16CS032	Dhanush Shetty	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu
12.	4AL16CS043	K Manasa	manasa	manasa	manasa	manasa	manasa	manasa	manasa	manasa	manasa	manasa	manasa	manasa
13.	4AL16CS045	Katira Krishna Jitendra	KKT	KKT	KKT	KKT	KKT	KKT	KKT	KKT	KKT	KKT	KKT	KKT
14.	4AL16CS053	Mithun Kumar D	Mithun	Mithun	Mithun	Mithun	Mithun	Mithun	Mithun	Mithun	Mithun	Mithun	Mithun	Mithun
15.	4AL16CS056	Namratha C	Namrath	Namrath	Namrath	Namrath	Namrath	Namrath	Namrath	Namrath	Namrath	Namrath	Namrath	Namrath
16.	4AL16CS079	S K Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	AB	AB	Rahul	Rahul





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17.	4AL16CS084	Sannidhi P	Sannidhi	Sannidhi	Sannidhi	Sannidhi	Sannidhi	Sannidhi	Sannidhi	Sannidhi	Sannidhi	Sannidhi	Sannidhi	Sannidhi
18.	4AL16CS088	Shamanth M R	Shamanth	Shamanth	Shamanth	Shamanth	Shamanth	Shamanth	Shamanth	Shamanth	AB	AB	Shamanth	Shamanth
19.	4AL16CS090	Shashikantchavan	Shashikant	Shashikant	Shashikant	Shashikant	Shashikant	Shashikant	Shashikant	Shashikant	Shashikant	Shashikant	AB	AB
20.	4AL16CS093	Shetty Rasik	Rasik	Rasik	Rasik	Rasik	Rasik	Rasik	Rasik	Rasik	Rasik	Rasik	AB	Rasik
21.	4AL16CS097	Shetty Veekshith	Veekshith	Veekshith	Veekshith	Veekshith	Veekshith	Veekshith	AB	AB	Veekshith	Veekshith	Veekshith	Veekshith
22.	4AL16CS105	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	AB	Srushti	Srushti
23.	4AL16CS109	Suraj S Kashyap	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj
24.	4AL16CS110	Sushmithashet	Sush	Sush	AB	AB	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush
25.	4AL16CS111	Swathi V A	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi	Swathi
26.	4AL16CS116	Varada S	Vsn	Vsn	Vsn	Vsn	Vsn	Vsn	Vsn	Vsn	Vsn	Vsn	Vsn	Vsn
27.	4AL15CS011	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha
28.	4AL15CS012	Anushri	Anu	Anu	Anu	Anu	Anu	Anu	Anu	Anu	Anu	Anu	Anu	Anu
29.	4AL15CS039	Heisnam Sursita Devi	Heisnam	Heisnam	Heisnam	Heisnam	Heisnam	Heisnam	Heisnam	Heisnam	Heisnam	Heisnam	Heisnam	Heisnam
30.	4AL15CS049	Kavya Rai A	Kavya	Kavya	Kavya	Kavya	Kavya	Kavya	Kavya	Kavya	Kavya	Kavya	Kavya	Kavya
31.	4AL16CS119	Venkatachandrashekhar	Venk	Venk	Venk	Venk	Venk	Venk	Venk	Venk	Venk	Venk	Venk	Venk
32.	4AL16CS128	Rohan K Ranjolkar	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan
33.	4AL16CS129	Jyothi Lakshmi C S	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi
34.	4AL16CS130	Rahul J	Rahul	Rahul	Rahul	Rahul	AB	AB	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul



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35.	4AL17CS400	Bharath S	<u>BS</u>	<u>BS</u>	<u>BS</u>	<u>BS</u>	<u>BS</u>	<u>BS</u>	<u>BS</u>	<u>BS</u>	<u>BS</u>	<u>BS</u>	<u>BS</u>	<u>BS</u>	<u>BS</u>
36.	4AL15CS101	Thripthi A H	<u>TAH</u>	<u>TAH</u>	<u>TAH</u>	<u>TAH</u>	<u>TAH</u>	<u>TAH</u>	<u>TAH</u>	<u>TAH</u>	<u>TAH</u>	<u>TAH</u>	<u>TAH</u>	<u>TAH</u>	<u>TAH</u>
37.	4AL15CS110	Sharath D S	<u>SDS</u>	<u>SDS</u>	<u>AB</u>	<u>AB</u>	<u>SDS</u>	<u>SDS</u>	<u>SDS</u>	<u>SDS</u>	<u>SDS</u>	<u>SDS</u>	<u>SDS</u>	<u>SDS</u>	<u>SDS</u>
38.	4AL14CS051	Pavithra G	<u>Pavithra</u>	<u>Pavithra</u>	<u>Pavithra</u>	<u>Pavithra</u>	<u>Pavithra</u>	<u>Pavithra</u>	<u>Pavithra</u>	<u>Pavithra</u>	<u>Pavithra</u>	<u>Pavithra</u>	<u>Pavithra</u>	<u>Pavithra</u>	<u>Pavithra</u>

Bharath S

  
H. O. D.  
Dept. Of Computer Science & Engineering  
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			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	4AL14CS001	Aishwarya Hosamani	AIH	AIH	AIH	AIH	AIH	AIH	AIH	AIH	AIH	AIH	AIH	AIH
2.	4AL15CS103	Vandana E V	VEV	VEV	VEV	VEV	VEV	VEV	VEV	VEV	VEV	VEV	VEV	VEV
3.	4AL16CS030	Deepika K V	DKV	DKV	DKV	DKV	DKV	DKV	DKV	DKV	DKV	DKV	DKV	DKV
4.	4AL16CS103	Soumya Mallasarja	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
5.	4AL16CS005	Aishwarya J	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ
6.	4AL16CS009	Ameen Ahamed	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
7.	4AL16CS010	Amogha U	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU
8.	4AL16CS017	Apoorva U	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU
9.	4AL16CS018	Arunakumari V	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV
10.	4AL16CS020	Banish M G	BMG	BMG	BMG	BMG	BMG	BMG	BMG	BMG	BMG	BMG	BMG	BMG
11.	4AL16CS032	Dhanush Shetty	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS
12.	4AL16CS043	K Manasa	MANASA	MANASA	MANASA	AB	MANASA	MANASA	MANASA	MANASA	MANASA	MANASA	MANASA	AB
13.	4AL16CS045	Katira Krishna Jitendra	KKJ	KKJ	KKJ	KKJ	KKJ	KKJ	KKJ	KKJ	KKJ	KKJ	AB	KKJ
14.	4AL16CS053	Mithun Kumar D	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD	MD
15.	4AL16CS056	Namratha C	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
16.	4AL16CS079	S K Rahul	SR	SR	SR	SR	SR	SR	SR	SR	AB	AB	SR	SR





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17.	4AL16CS084	Sannidhi P	<u>Sannidhi</u>	<u>Sannidhi</u>	<u>Sannidhi</u>	<u>Sannidhi</u>	<u>Sannidhi</u>	<u>Sannidhi</u>	<u>Sannidhi</u>	<u>Sannidhi</u>	<u>Sannidhi</u>	<u>Sannidhi</u>	<u>Sannidhi</u>	<u>Sannidhi</u>
18.	4AL16CS088	Shamanth M R	<u>Shamanth</u>	<u>Shamanth</u>	<u>Shamanth</u>	<u>Shamanth</u>	<u>Shamanth</u>	<u>Shamanth</u>	<u>Shamanth</u>	<u>Shamanth</u>	<u>Shamanth</u>	<u>AB</u>	<u>AB</u>	<u>Shamanth</u>
19.	4AL16CS090	Shashikantchavan	<u>Shashikant</u>	<u>Shashikant</u>	<u>Shashikant</u>	<u>Shashikant</u>	<u>Shashikant</u>	<u>Shashikant</u>	<u>AB</u>	<u>Shashikant</u>	<u>Shashikant</u>	<u>Shashikant</u>	<u>Shashikant</u>	<u>Shashikant</u>
20.	4AL16CS093	Shetty Rasik	<u>Rasik</u>	<u>Rasik</u>	<u>Rasik</u>	<u>Rasik</u>	<u>Rasik</u>	<u>Rasik</u>	<u>Rasik</u>	<u>AB</u>	<u>Rasik</u>	<u>Rasik</u>	<u>Rasik</u>	<u>Rasik</u>
21.	4AL16CS097	Shetty Veekshith	<u>Veekshith</u>	<u>Veekshith</u>	<u>Veekshith</u>	<u>Veekshith</u>	<u>Veekshith</u>	<u>Veekshith</u>	<u>Veekshith</u>	<u>Veekshith</u>	<u>Veekshith</u>	<u>Veekshith</u>	<u>Veekshith</u>	<u>Veekshith</u>
22.	4AL16CS105	Srushti	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>AB</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>	<u>Srushti</u>
23.	4AL16CS109	Suraj S Kashyap	<u>Suraj</u>	<u>Suraj</u>	<u>Suraj</u>	<u>Suraj</u>	<u>Suraj</u>	<u>AB</u>	<u>Suraj</u>	<u>Suraj</u>	<u>Suraj</u>	<u>Suraj</u>	<u>Suraj</u>	<u>Suraj</u>
24.	4AL16CS110	Sushmithashet	<u>Sushmitha</u>	<u>Sushmitha</u>	<u>Sushmitha</u>	<u>Sushmitha</u>	<u>Sushmitha</u>	<u>Sushmitha</u>	<u>Sushmitha</u>	<u>Sushmitha</u>	<u>AB</u>	<u>Sushmitha</u>	<u>Sushmitha</u>	<u>Sushmitha</u>
25.	4AL16CS111	Swathi V A	<u>Swathi</u>	<u>Swathi</u>	<u>Swathi</u>	<u>Swathi</u>	<u>Swathi</u>	<u>Swathi</u>	<u>Swathi</u>	<u>Swathi</u>	<u>Swathi</u>	<u>Swathi</u>	<u>Swathi</u>	<u>Swathi</u>
26.	4AL16CS116	Varada S	<u>Vsn</u>	<u>Vsn</u>	<u>Vsn</u>	<u>Vsn</u>	<u>Vsn</u>	<u>Vsn</u>	<u>Vsn</u>	<u>Vsn</u>	<u>Vsn</u>	<u>Vsn</u>	<u>Vsn</u>	<u>Vsn</u>
27.	4AL15CS011	Anusha	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>	<u>Anusha</u>
28.	4AL15CS012	Anushri	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>
29.	4AL15CS039	Heisnam Sursita Devi	<u>Kavya</u>	<u>Kavya</u>	<u>Kavya</u>	<u>Kavya</u>	<u>Kavya</u>	<u>Kavya</u>	<u>Kavya</u>	<u>Kavya</u>	<u>Kavya</u>	<u>Kavya</u>	<u>Kavya</u>	<u>Kavya</u>
30.	4AL15CS049	Kavya Rai A	<u>Heisnam</u>	<u>Heisnam</u>	<u>Heisnam</u>	<u>Heisnam</u>	<u>Heisnam</u>	<u>Heisnam</u>	<u>Heisnam</u>	<u>Heisnam</u>	<u>Heisnam</u>	<u>Heisnam</u>	<u>Heisnam</u>	<u>Heisnam</u>
31.	4AL16CS119	Venkatachandrashekhar	<u>Venka</u>	<u>Venka</u>	<u>Venka</u>	<u>Venka</u>	<u>Venka</u>	<u>Venka</u>	<u>Venka</u>	<u>Venka</u>	<u>Venka</u>	<u>Venka</u>	<u>Venka</u>	<u>Venka</u>
32.	4AL16CS128	Rohan K Ranjolkar	<u>Rohan</u>	<u>Rohan</u>	<u>Rohan</u>	<u>Rohan</u>	<u>Rohan</u>	<u>Rohan</u>	<u>Rohan</u>	<u>Rohan</u>	<u>Rohan</u>	<u>AB</u>	<u>Rohan</u>	<u>Rohan</u>
33.	4AL16CS129	Jyothi Lakshmi C S	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>
34.	4AL16CS130	Rahul J	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>AB</u>	<u>Rahul</u>	<u>Rahul</u>



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

35.	4AL17CS400	Bharath S	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS
36.	4AL15CS101	Thripathi A H	TAH	TAH	TAH	TAH	TAH	TAH	TAH	TAH	TAH	TAH	TAH	TAH
37.	4AL15CS110	Sharath D S	SDS	SDS	SDS	SDS	SDS	SDS	SDS	SDS	SDS	SDS	SDS	SDS
38.	4AL14CS051	Pavithra G	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav	Pav

*Bharath S*

*H.O.D.*

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### Quiz on Apple iOS Course

1. Which devices will iOS 7 run on?
  - A. iPad
  - B. iPhone
  - C. iPad and iPhone
  - D. iPad, iPhone and iPod Touch
2. Before iOS 7 was announced, VMware used which approach for managing apps on the iOS version of the company's Horizon Suite?
  - A. Secure containers
  - B. App wrapping
  - C. Both of the above
  - D. Hypervisors on iOS devices
3. What is AirDrop?
  - A. Apple's term for over-the-air updates
  - B. A feature that lets people share files with other iOS users near them via peer-to-peer Wi-Fi
  - C. Apple's method for delivering iOS devices that were ordered online
  - D. A feature that allows users to schedule automatic backups of their iOS devices to the cloud
4. Which of the following is not a feature of iOS 7?
  - A. Open-in management
  - B. Single sign-on
  - C. iCloud integration with third-party apps
  - D. Per app VPN
5. True or false: Apple iOS 7 features include default data protection for third-party apps.
  - A. True
  - B. False
6. What change has Apple made to the Volume Purchase Program in iOS 7?
  - A. Companies can no longer volume purchase applications
  - B. Companies can purchase applications in bulk
  - C. Companies retain ownership of the application licenses
  - D. Companies do not retain ownership of application licenses
7. Which Apple iOS 7 features might IT be concerned about?
  - A. Improvements to the Mail app
  - B. AirDrop
  - C. Automatic application updates
  - D. All of the above
8. The Iphone camera can
  - A. Zoom
  - B. Autofocus
  - C. Record videos
  - D. Make digital photos
9. App Widgets are can be place on the home screen by the user to check for updates are available?
  - A. True
  - B. False



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### Quiz on Apple iOS Course

10. Which is not a function of IOS
- A. Carrying network protocols and functions
  - B. Connecting high speed traffic between devices
  - C. Providing scalability for ease of network growth and redundancy
  - D. Creating session between hosts in LAN
11. CLI in IOS terminology is short form of
- A. Caller line interface
  - B. Common line interface
  - C. Command link interface
  - D. None of above
12. Which mode provides interactive configuration dialog
- A. User EXEC mode
  - B. Privileged mode
  - C. Global configuration mode
  - D. Setup mode
13. What happens first after starting a router
- A. Load IOS from flash memory
  - B. Power on self test of router
  - C. Searching by IOS of a valid configuration
  - D. None of above
14. Which of the following iOS frameworks is a commonly used third party Library?
- A. AVFoundation.framework
  - B. Audiotoolbox.framework
  - C. AFNetwork.framework
  - D. CFNetwork.framework
15. Multitasking in iOS was introduced in which version?
- A. iOS 2.0
  - B. iOS 4.0;
  - C. iOS 6.0;
  - D. iOS 7.0



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## 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?						
<input type="checkbox"/> Poor		<input type="checkbox"/> Good				
<input type="checkbox"/> Neither Good Nor Poor		<input type="checkbox"/> Excellent				






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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**REPORT ON**

**Apple iOS App Development using Swift C and XCode**

Department of CSE organized Certification Program on "Apple iOS App Development using Swift C Language and XCode". The Certification Program was conducted in 2 different phases. First Phase was conducted 10-07-2018 to 17-07-2018 and Second Phase was conducted during 30-09-2018 to 03-10-2018. Mrs. Seema Nair, CEO, CalibreCode Solutions Pvt. Ltd was the Resource Person for the Certification Program. The resource person Mrs. Seema Nair trained around 38 students of 5<sup>th</sup> SEM BE CSE, AIET. Mr. Venkatesh Senior Associate Professor, Dept of CSE was the coordinator of this internship program.



  
Coordinator

  
HOD

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The students were developed the features of Apple iOS App development like image display, and some animations with images, Databases using SQLite, Multi tab Communication, Drawing tables, Multi window communications

Sl.No	Name of the App	Team Leader	Guide Name
1.	Mergeo	Katira Krishna	Dr. Manjunath Kotari
2.	Yoga Station	Aruna Kumari	Mr. Chanchal Antony
3.	Musical Express Application	Vighnesh Mandara	Mr. Vivek Sharma S
4.	Fitreat	Ameen Ahemmed	Mr. Sayeesh
5.	VTU Computer Science	Sushmitha Shet	Mr. Venkatesh
6.	CHIRPS	Apoorva U	Mr. Harish Kunder
7.	E-Rescue	Namratha C	Mr. Venkatesh

Network Communications etc during the First Phase of Certification Program.

**The Various Apps developed by the participants:** The follow

**iOS Apps Approved by Apple AppStore:** In the above listed apps, the following apps were published in Apple App Store and available to public to freely download.


### Name of the iOS APP: Mergeo


#### Description:

Multimedia and Entertainment are the basic requirements of today's generation. Also, Multimedia player is the integral part of today's smartphone. But what if we want to play with the video and give it your voice. This can become entertaining, right? IOS comes with a wonderful set of inbuilt libraries which helps us to make such media players available on the app store.

#### App Development Team:

1.	4AL16CS045	KATIRA KRISHNA JITENDRA (Team Leader)
2.	4AL16CS010	AMOGHA U

  
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3.	4AL16CS020	BANISH M G
4.	4AL16CS128	ROHAN K R

### Apple iOS AppStore Link Address:

<https://itunes.apple.com/us/app/mergeo/id1438548443>

### Name of the iOS APP: Yoga Station

#### Description:

A genuine yoga application for the principle medical problems these days. Yoga can profit three parts of ourselves that are regularly influenced by pressure: our body, psyche, and relaxing.


**Allergy:** It's allergy season — that time of year when many of us are plagued by itchy or watery eyes, runny noses, and bouts of sneezing and coughing that threaten to knock pictures off the wall. These common allergy symptoms are the body's way of defending itself against bacteria and viruses. Luckily, yoga can help!

**Diabetes:** The best starting yoga for diabetes will incorporate stances and breathing activities that are composed particularly to target and fortify the pancreas. By enhancing blood stream to the pancreas, yoga stances for diabetes restore the organ's cells and enhance its capacity to create insulin for the body.

**Blood Pressure:** Yoga, when performed carefully, can lessen this kind of stress-incited hypertension, while tending to its hidden causes. It mollifies the thoughtful sensory system and backs off the heart, while showing the muscles and psyche to unwind profoundly.

**Thyroid:** Yoga conveys numerous advantages to your general wellbeing and prosperity. It can adjust your vitality, increment adaptability, and calm pressure. There is an association among stress and hypothyroidism, yet certain yoga presents are thought to adjust thyroids that are either under

  
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dynamic or overactive.

This wellness application encourages the most helpful home activities and yogasanas for the most part the individuals who are principally experiencing overwhelming pressure, hypertension, particularly thyroid, for sensitivities and diabetes

**App Development Team:**

1.	4AL16CS018	ARUNA KUMARI V (Team Leader)
2.	4AL16CS032	DHANUSH SHETTY
3.	4AL16CS053	MITHUN KUMAR D
4.	4AL16CS088	SHAMANTH M R
5.	4AL16CS129	JYOTHI LAKSHMI C S

**Apple iOS AppStore Link Address:**

<https://apps.apple.com/us/app/yogastation/id1439488896>


**Name of the iOS APP: Fitreat**


**Description:**

As the name suggests, this application is about a fit and sound eating regimen. Fitreat is a simple, straightforward however efficient and productive application utilizing which one can outline an ideal diet plan. This app can be of great use for diabetic patients. The user can get to know how much nutrients such as proteins, fats and carbohydrates his/her body requires. Based on that the user can decide his/her daily food plan. Basically, this app calculates your basic vitals such as BMR, TDEE and BMI by your body physics. But mainly using these vitals the application calculates the amount of proteins, fats and carbohydrates required to the user generally. Knowing the required nutrients, the user can plan his/her diet.

**App Development Team:**

1.	4AL16CS009	AMEEN AHMED
2.	4AL16CS079	S K RAHUL
3.	4AL16CS090	SHASHIKANT CHAVAN

  
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4.	4AL16CS093	SHETTY RASIK
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Apple iOS AppStore Link Address:  
<https://apps.apple.com/us/app/fitreat/id1453315210>

<b>Name of the iOS APP: Musical Express</b>		
<b>Description:</b> MusicalExpress is an App for everyone to lighten up your moods. Musical Express uses Apple's face recognition feature to check if you are smiling. It plays a music if you are happy and asks you to cheer up, when you are not smiling. If you do not want to face camera, then you can always choose the emoticons and enjoy the music too!!!		
<b>App Development Team:</b>		
1.	4AL16CS124	VIGNESH M SHETTY
Apple iOS AppStore Link Address: <a href="https://apps.apple.com/us/app/musicalexpress/id1438653274">https://apps.apple.com/us/app/musicalexpress/id1438653274</a>		

  
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### Department of Computer Science & Engineering

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

Academic Year : 2018-2019	Duration: 10-07-2018 to 17-07-2018 30-09-2018 to 03-10-2018
Title of the Course: Apple iOS App Development using Swift C Language and XCode	
Resource Person: Mrs. Seema Nair, CEO, CalibreCode Solutions Pvt. Ltd.	

Department of CSE organized Certification Program on "Apple iOS App Development using Swift C Language and XCode". The Certification Program was conducted in 2 different phases. First Phase was conducted 10-07-2018 to 17-07-2018 and Second Phase was conducted during 30-09-2018 to 03-10-2018. Mrs. Seema Nair, CEO, CalibreCode Solutions Pvt. Ltd was the Resource Person for the Certification Program. Various App were developed and publish in Apple iOS app paly store

38 students of CSE Department were benefitted from this course and were able to

- Employ the Apple developer tools to create an iOS app.
- Demonstrate programming best practices in Swift.
- Examine and subdivide app functionality into properly designed components.
- Explain and summarize iOS API features including location, mapping, sensors, gestures, multimedia and user interface components.

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CALIBRECODE SOLUTIONS PVT LTD, BANGALORE  
#12,3rd Cross,Dayananda Layout, Ramamurthy Nagar, Bangalore-16



## CERTIFICATE OF TRAINING

This is to certify that

**Ms. ARUNA KUMARI V (4ALIGCS018)**

of Alva's Institute of Engineering and Technology , Moodbidri has participated in 60 days training  
programme on iOS Application Development using Swift

from 10<sup>th</sup> July 2018 to 2<sup>nd</sup> October 2018

CEO

HOD

Principal