



Sarvajanik Education Society
Sarvajanik College of Engineering & Technology
Computer Engineering Department



Report

Workshop on

“iOS PROGRAMMING - ESSENTIAL TRAINING”

(Under CSI Student Chapter)

28th – 29th July, 2017

Organized by

Department of Computer Engineering
Sarvajanik College of Engineering and Technology, Surat

Coordinated by

Prof. Dhatri Pandya
Assistant Professor
CSI Student Branch Counselor

Prof. Rakesh Patel
Assistant Professor
CSI Nominee Member

Computer Engineering Department

Report : Workshop on iOS Programming-Essential Training

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ABOUT THE TOPIC & COURSE CONTENTS

iOS is Apple's mobile version of the OS X operating system used in Apple computers. The language used in iOS development is objective C.

Objective-C is the primary programming language you use when writing software for OS X and iOS. It's a superset of the C programming language and provides object-oriented capabilities and a dynamic runtime. Objective-C inherits the syntax, primitive types, and flow control statements of C and adds syntax for defining classes and methods.

COURSE CONTENTS

<ul style="list-style-type: none">• Basics of iOS Application Development• Tour of xcode IDE, Information about OSX, iPhone,iOS, WatchOS, tvOS.• How to Debug? – Most crucial part for error□freecode.• Understanding of application structure –AppDelegate, ViewController, Views and controls,storyboard, XIB.• Basic clearance of Data types, constants, variable,operators, expressions.	<ul style="list-style-type: none">• Array and Dictionary• Methods and property.• Basic Controls• TableView and Collectionview• API call from server and JSON parsing from• LIVE API• Code signing, app icon setting, splash screen• Tour of itune connects and apple developer account
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DETAILS OF EXPERT

Mr. Nikunj Joshi

iOS Lead at Geek Web Solution, Surat Gujarat

Freelancer with KBS Tech Solution – Chennai

Karma App Studio - United States

Email : joshinikunj008@gmail.com

Mr. Nikunj Joshi is having around 3+ years of experience in developing iphone/ipad apps. His core knowledge includes layers of Objective C and Swift languages. He had developed around 10+ applications. He is connected as a freelancer with KBS Tech Solution - Chennai, Karma App Studio - United States and many other global clients. Currently, he is working as a iOS lead at Geek Web Solution, Surat- Gujarat.

His **skill set** includes Iphone apps, Ipad apps, Web services, Social Media API, Google Map, Core Frameworks, Payment-gateway integration, App monetization, Custom Keyboard Application, Auto layout, Auto resizing, Multitasking, iCloud Storage, SQLite database, Core Data, Cloudkit, Multitouch-Taps-Gesture, 3D touch, TouchID Authentication, Core Graphics, UIKit Dynamics, Sprite Kit, Notifications, Extensions, AV Foundation, Speech Recognition, SiriKit, In-App Purchase

PARTICIPANT LIST

<u>Sr No</u>	<u>En No</u>	<u>Name</u>	<u>Class</u>	<u>CSI Member? (Y/N)</u>
1	160420107001	Agarwal Muskan	BE-II-Shift-I	N
2	160420107013	Desai Tarjani		Y
3	160420107021	Jetani Krisha		Y
4	160420107044	Rathod Ruchit		N
5	160420107045	Rijiya Darshil		N
6	160420107522	Harsh Jariwala	BE-II-Shift-II	N
7	160420107523	Jauthik Kalathiya		Y
8	160420107550	Puwar Mahitoshsinh		Y
9	160420107556	Poojan Shah		N
10	160420107552	Sanjeet Gajjar		N
11	150420107058	Snehi Pachchigar	BE-III-Shift-I	Y
12	150420107020	Ishani Naik		Y
13	150420107024	Kaneriya Ruchita		Y
14	150420107034	Mistry Kushang		Y
15	150420107054	Fruitwala Sahil		N
16	150420107047	Jain Piyush		N
17	150420107504	Beena Bokarvadiya	BE-III-Shift-II	Y
18	150420107548	Shruti Ramani		Y
19	150420107543	Abhijeet Rathod		N
20	150420107519	Manthan Kalathiya		N
21	140420107058	Tanvi Bapna	BE-IV-Shift-I	N
22	140420107008	Sohail Chamadia		N
23	140420107050	Kunal Sharma		N
24	140420107527	Munsadwala Yashwin	BE-IV-Shift-II	N
25	140420107530	Pankti Joshi		N

ATTENDANCE SHEET



Sarvajani College of Engineering and Technology
Computer Engineering Department
 CSI Student Chapter



2-Days Workshop On
iOS PROGRAMMING - ESSENTIAL TRAINING
 (28th - 29th July, 2017)
Attendance Sheet

Sr No	En No	Name	Email ID	Phone No	CSI Member? (Y/N)	Fees	Day 1 (27-07-17)	Day 2 (28-07-17)
1	160420107001	Agarwal Muskan	muskanagarwal2811998@gmail.com	8690914767	N	400	<i>[Signature]</i>	<i>[Signature]</i>
2	160420107013	Desai Tarjani	tarjani333@gmail.com	9825109375	Y	300	<i>[Signature]</i>	<i>[Signature]</i>
3	160420107021	Jetani Krisha	<i>[Signature]</i> krishajetani18@gmail.com	7096965544	Y	300	<i>[Signature]</i>	<i>[Signature]</i>
4	160420107044	Rathod Ruchit	ruchitrathod678@gmail.com	9924563678	N	400	<i>[Signature]</i>	<i>[Signature]</i>
5	160420107045	Rijiya Dershil	rijiyadarshil@gmail.com	9727733364	N	400	<i>[Signature]</i>	<i>[Signature]</i>
6	160420107522	Harsh Jariwala	harshjariwala34-hj@gmail.com	9916736341	N	400	<i>[Signature]</i>	<i>[Signature]</i>
7	160420107523	Jauthik Kalathiya	k.juythik1234@gmail.com	8160886602	Y	300	<i>[Signature]</i>	<i>[Signature]</i>
8	160420107550	Puwar Mahitoshsinh	mahitoshpuwar18@gmail.com	9537092562	Y	300	<i>[Signature]</i>	<i>[Signature]</i>
9	160420107556	Poojan Shah	poojan2299.ps@gmail.com	7874300009	N	400	<i>[Signature]</i>	<i>[Signature]</i>
10	160420107552	Sanjeet Gajjar	sunny.gajjar2728@gmail.com	9825070046	N	400	<i>[Signature]</i>	<i>[Signature]</i>
11	150420107058	Snehi Pachchigar	snehiat1997@gmail.com	9173702005	Y	300	<i>[Signature]</i>	<i>[Signature]</i>

ATTENDANCE SHEET

12	150420107020	Ishani Naik	ishaninaik36@gmail.com	9825119854	Y	300	<i>Ishani Naik</i>
13	150420107024	Kaneriya Ruchita	ruchitakaneriya@gmail.com	9099869045	Y	300	<i>Ruchita Kaneriya</i>
14	150420107034	Mistry Kushang	kushangmistry283@gmail.com	8347409448	Y	300	<i>Kushang Mistry</i>
15	150420107054	Fruitwala Sahil	sahilfruitwala007@gmail.com	9879353839	N	400	<i>Sahil Fruitwala</i>
16	150420107047	Jain Piyush	piyush.jain6146@gmail.com	8905591918	N	400	<i>Piyush Jain</i>
17	150420107504	Beena Bokarvadiya	binapatel8763@gmail.com	9712423306	Y	300	<i>Beena Bokarvadiya</i>
18	150420107548	Shruti Ramani	shrutiramani7@gmail.com	9512538698	Y	300	<i>Shruti Ramani</i>
19	150420107543	Abhijeet Rathod	abhijeetrathod171019@gmail.com	8141095601	N	400	<i>Abhijeet Rathod</i>
20	150420107519	Manthan Kalathiya	mans.kalathiya@gmail.com	9737553931	N	400	<i>Manthan Kalathiya</i>
21	140420107058	Tanvi Bapna	tanvibapna96@gmail.com	9099927002	N	400	<i>Tanvi Bapna</i>
22	140420107008	Sohail Chamaadia	sohailyc@gmail.com	8460766696	N	400	<i>Sohail Chamaadia</i>
23	140420107050	Kunal Sharma	kunalsharma.ks13@gmail.com	8690149598	N	400	<i>Kunal Sharma</i>
24	140420107527	Munsadwala Yashwin	munsadwalayashwin@gmail.com	9727205402	N	400	<i>Munsadwala Yashwin</i>
25	140420107530	Pankti Joshi	panktijoshi1996@gmail.com	8141765319	N	400	<i>Pankti Joshi</i>

SNAPS DURING SESSION



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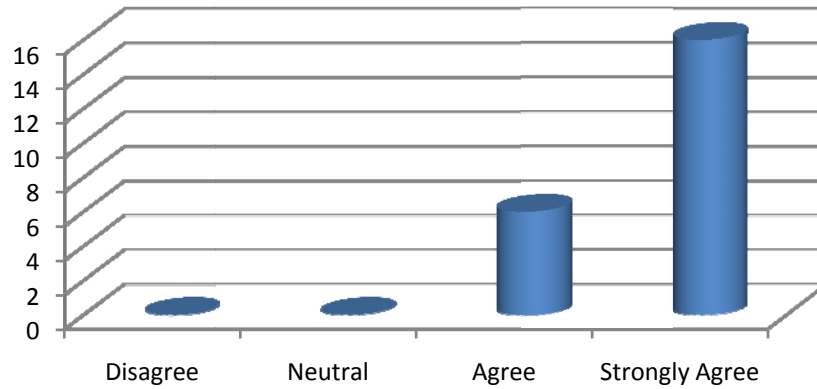


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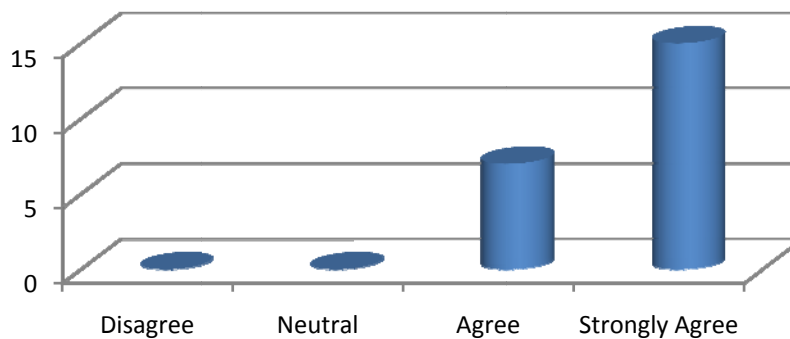


PARTICIPANTS' FEEDBACK

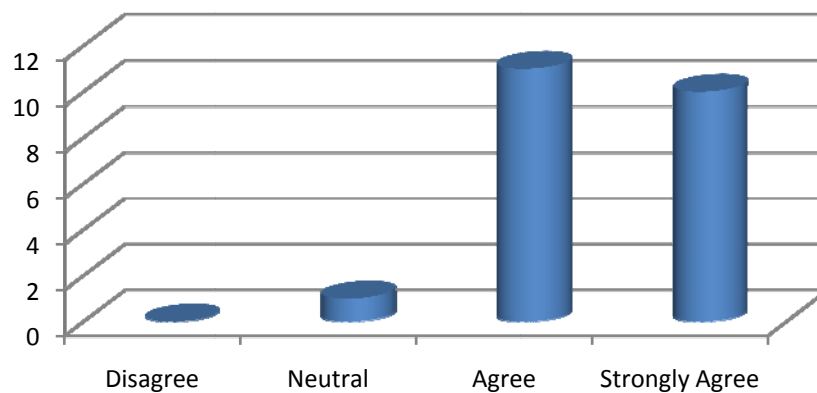
Selection of the topic "iOS Programming- Essential Training"



The content of the workshop accurately reflected the description given during the announcement of the workshop.

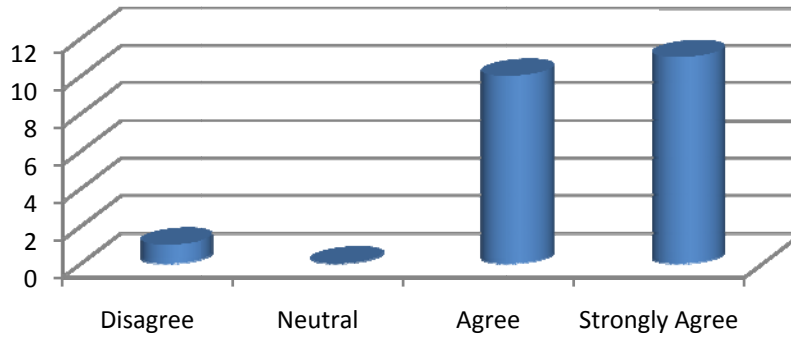


The handouts provided were useful and relevant.

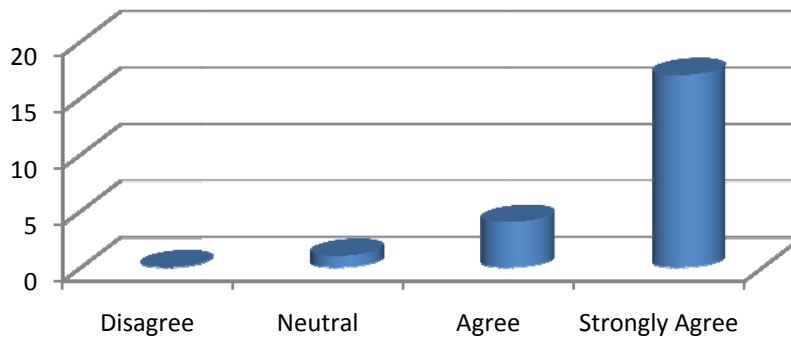


PARTICIPANTS' FEEDBACK

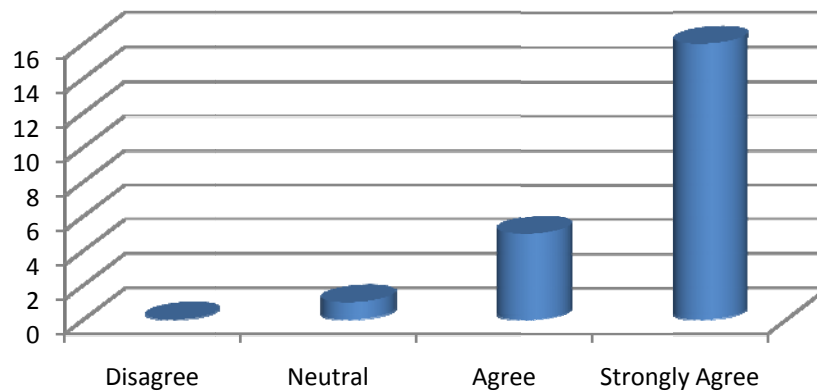
I feel confident I can apply what I learned in the workshop to future recordkeeping activities.



The trainer explained the subject matter clearly and presented the material in an interesting and engaging manner.

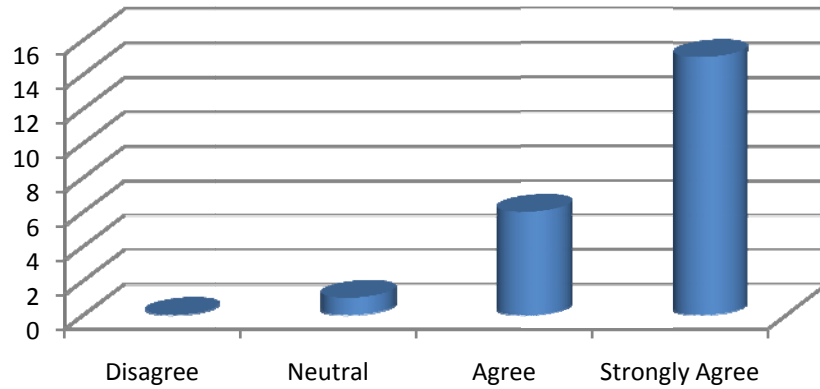


The activities and worked examples helped me understand the subject matter.

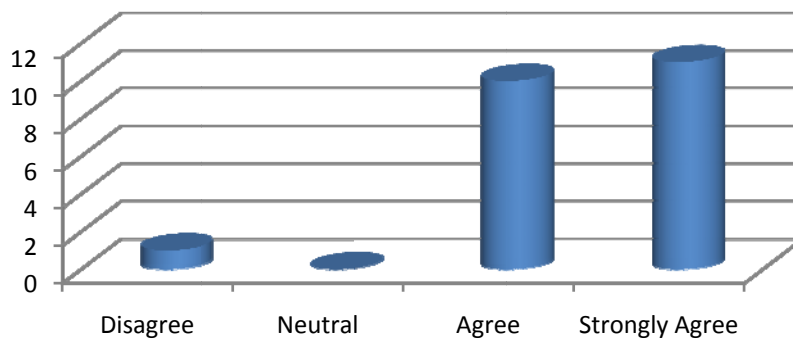


PARTICIPANTS' FEEDBACK

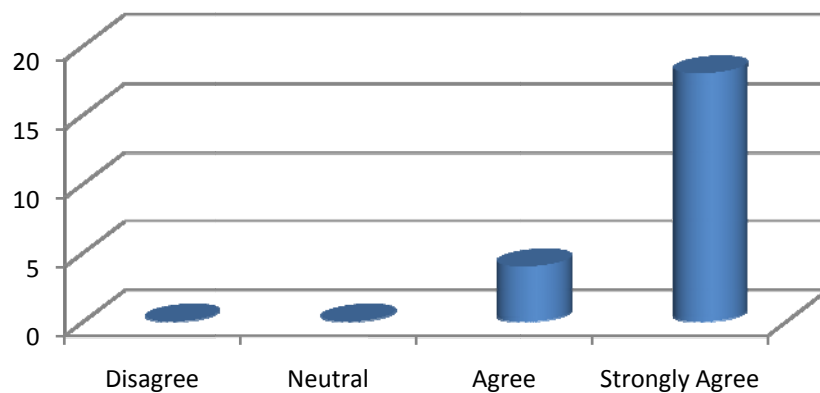
Overall arrangement by department was good.



I would be interested in attending a follow-up, more advanced workshop on this same subject.



The trainer was able to answer all my questions to my satisfaction.



ACKNOWLEDGEMENTS

- Coordinators of the workshop acknowledge the support provided by every single faculty & staff members of the department to make the event grand success.
- Coordinators also thank Head of the Department **Prof. (Dr.) Keyur Rana**, Honorable Principal madam **Dr. Vaishali Mungurwadi** and **SES management** for granting permission for the said event & extending all the supports required.
- We especially gratitude the expert, **Mr. Nikunj Joshi** on the occasion for sparing his precious services, time and sharing skilled expertise with participants.
- Last, coordinators thank all **the participants** without whom the workshop could not have been planned and executed.