

School of Computer, Information and Mathematical Sciences

DEPARTMENT OF INFORMATION TECHNOLOGY

Report of Workshop on Swift Programming

11.11.2024

The one-day workshop on Swift Programming conducted on 09.11.2024 (Saturday) by the Department of Information Technology in association with BSAU Apple iOS Application Development Centre. As an expert in Swift language, Mr. V. Mohammed Hussain, Member Technical Staff of Zoho Corporation Pvt. Ltd was invited to be the resource person. The aim of the workshop was to give hands on experience in Swift language for Vth semester Information Technology students those opted Swift Programming (ITDX 06) as their Professional Elective Core (PEC) subject. Around 25 students were attended the workshop.

The resource person started the session by interacting with the students regarding class, object, method, and variable in Swift Programming. To make the students actively participating in the session, he randomly picked students one by one to implement Pair Programming concept. While he dictated the codes of Swift concepts, the student he picked entered them into the system. This approach motivated the students largely to focus on his lecture and hands on demonstrations. The resource person ushered the students into the core topics like Concurrency, Xcode, Playground, Memory management of Swift Programming.

After the lunch break, the resource person introduced and clearly explained the lifecycle of an iOS application. Then he encouraged the students to build a simple Color Blinking App with an objective to fetch attention of a target person while being struck in a crowded area. After explaining the steps to blink a red color for every 5 seconds, he actively addressed various syntax and logical errors encountered by the students in building the app. Finally, the app was successfully brought into work by each of the students, and they showcased it by enthusiastically raising hands.

Overall, the workshop was a great success and contributed to the students' understanding of the practical skills of Swift Programming.



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Brochure - One Day Workshop on Swift Programming



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Society of Information Technology



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SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES
DEPARTMENT OF INFORMATION TECHNOLOGY

in association with

BSAU APPLE IOS APPLICATION DEVELOPMENT CENTRE

Organizing a

Workshop on SWIFT PROGRAMMING



09 NOV 2024

SATURDAY



Resource Person

MR. V. MOHAMMED HUSSAIN

Member Technical Staff
Zoho Corporation Pvt. Ltd.

Convenors

Dr. Sharmila Sankar, Dean / SCIMS

Dr. N. Prakash, HOD / IT

Coordinators

Dr. N. Rajendran, Associate Professor / IT

Dr. K. Nallarasu, Assistant Professor / IT

Workshop Topics

- iOS Framework & Libraries
- Views & Controls
- Debugging & Running
- Application Life Cycle
- MVC - Pattern - View
- Interface Builders
- Storyboard - View Controller



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BSAU Apple iOS ADC,
2nd Floor, Convention Centre

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**School of Computer, Information and Mathematical Sciences****DEPARTMENT OF INFORMATION TECHNOLOGY**

in association with

BSAU APPLE iOS APPLICATION DEVELOPMENT CENTRE**WORKSHOP ON SWIFT PROGRAMMING (09.11.2024)****Class: III yr B.Tech. IT****Course: ITDX 06 Swift Programming****Participants Attendance**

S.No.	Name	RRN	Signature
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3	ABIRAMI. M	220081601004	Abiramill
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11	HARINI. G	220081601018	Harini
12	HARISH HASAN. M	220081601019	
13	HISHAAM AHAMED. M	220081601020	H A H
14	JERLIN SIBIYAL. A	220081601025	Aluig
15	MAMTA NASREEN	220081601028	
16	MOHAMED NIHAL	220081601040	
17	MOHAMED RIDHWAN. R	220081601041	



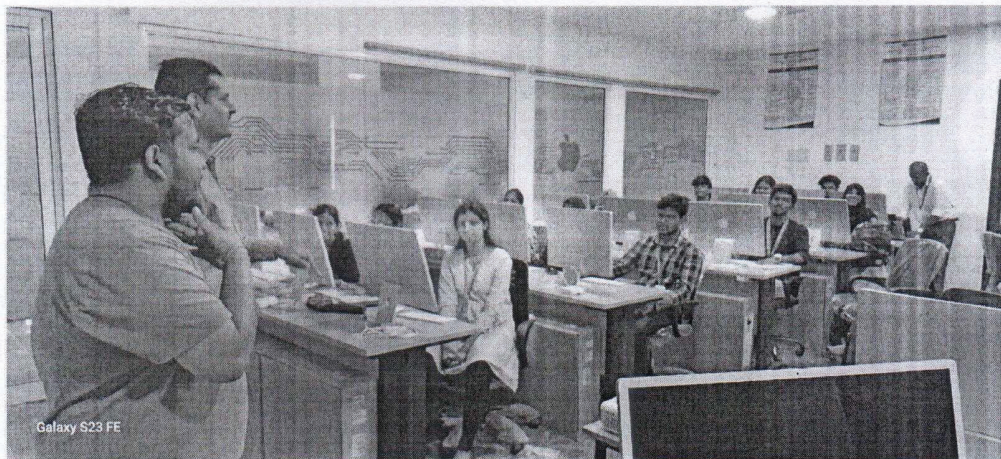
S.No.	Name	RRN	Signature
18	MOHAMMED OMAR RAHMAN	220081601046	<i>MOR</i>
19	MOHAMMED SAIFUDDEEN. S	220081601047	<i>Saifuddeen</i>
20	MUHAMMAD HAMTHAN	220081601048	<i>Hamthan</i>
21	MUSHFIQ AHMAD	220081601051	<i>Mushfiq</i>
22	PREMNATH. R	220081601055	<i>Premnath</i>
23	REEMA SHEAIK	220081601056	<i>Reema</i>
24	RILAH. Z	220081601057	<i>Rilah</i>
25	RISHIKA RAI	220081601058	
26	SHRINIVAS. J.R	220081601061	<i>Shrinivas</i>
27	SIDDIQUE. S.A	220081601062	<i>Siddique</i>
28	SUMAIYA FAZARIA. P.J	220081601063	<i>P.J. Sumaiya Fazaria</i>
29	SWATHI. A	220081601064	<i>Swathi</i>
30	SWETHA. K	220081601065	<i>Swetha</i>
31	AHAMED NAWFAL	220081602001	<i>Nawfal</i>
32	ROSHAN ADHITHYA V.P	220081602005	

A. Nallasu
9/11/24.

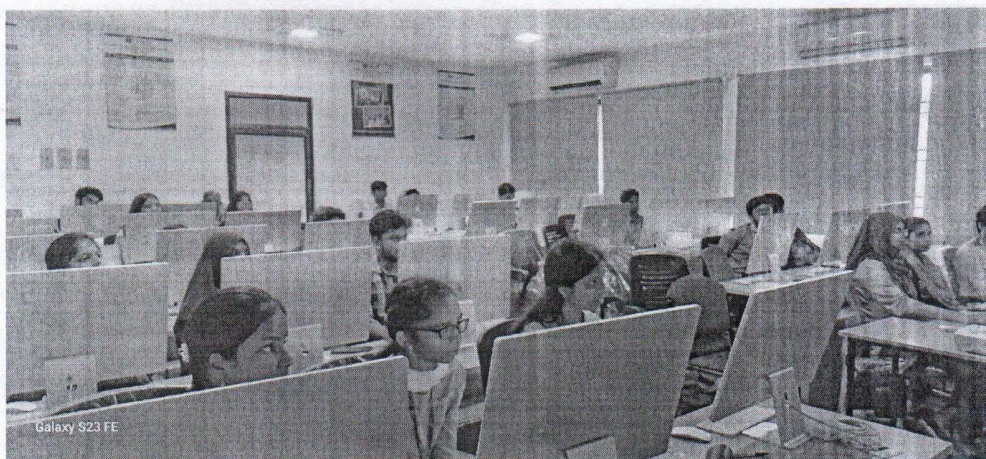
COORDINATOR

[Dr. K. Nallasu]

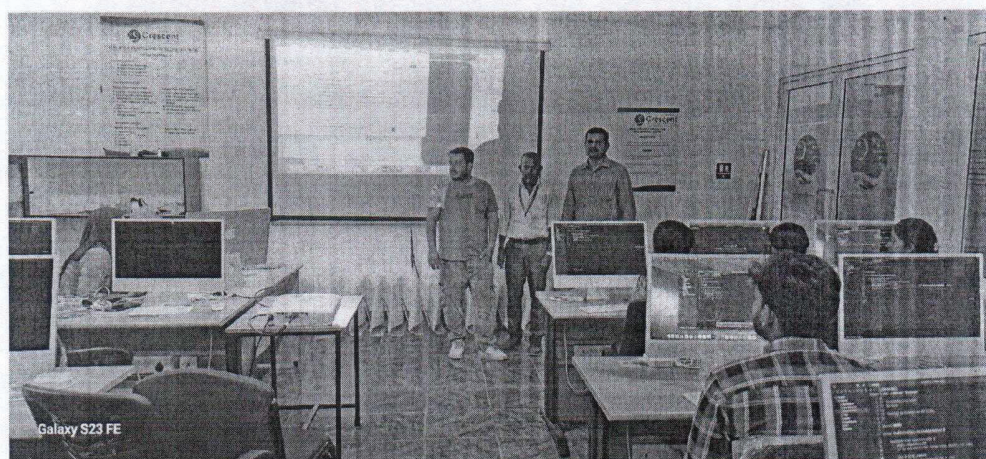
Photo Coverage of the Workshop



Galaxy S23 FE



Galaxy S23 FE



Galaxy S23 FE

[Signature]
Coordinators
 Dr. N. Rajendran, Asso. Prof. / IT
 Dr. K. Nallarasu, AP / IT

[Signature]
HOD / IT
 (Dr. N. Prakash)