

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(Unit of Alva's Education Foundation (R), Moodbidri)

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, NewDelhi.

Recognized by Government of Karnataka.

A+, Accredited by NAAC & NBA (ECE & CSE)
Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka
Ph. 08258-262725; Mob. 722262724, 7026262725 mail:principalaiet08@gmail.com

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SIX MONTH PLAN ON "Apple iOS Club" From November 2023 to April 2023

Date: 21/10/2023

	Proposed Activity	Resource Person	Date Approximated	Budget		
1.	ONE WEEK Training on Apple iOS App Development using Swift	AIET Skill Development Department	Tentatively on Second week of November	NIL		

about 23/10/252

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

PRINCIPAL

Live's Institute of Engg. & Technology,

Mijar. MOODBIDRI - 574 225, D.K

From

VENKATESH

Senior Associate Professor

Department of Computer Science and Engineering

Alvas Institute of Engineering and Technology

Mijar, Moodbidri

To

Skill Development Coordinator

AIET Skill Development Department

AIET Moodbidri

Through

The HOD CSE

AIET Moodbidri

Sub: One Week training program on "Apple iOS App Development using Swift" Respected Sir,

Department of Computer Science AIET decided to develop the skills of the AIET CSE Students in Apple iOS Programming using Swift C environment. I request you to conduct **One Week Training Program on Apple iOS App Development using Swift C** for the students of CSE department AIET. I hope you will consider this request letter and do the needful.

Thanking You

Yours faithfully

(VENKATESH)

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July .

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



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ALVA'S SKILL DEVELOPMENT DEPARTMENT, AIET

Date:21-10-2023

To,

Venkatesh Senior associate professor Department of computer science and engineering AIET Moodbidri.

Through

The HOD CSE AIET MOODBIDRI

Sub; One week training programme on "Apple IOS App Development using Swift".

Respected Sir,

As request by you, we are happy to support you to conduct one week training programme on Apple IOS App Development using Swift. In order to conduct this training programme kindly procedure proposed date of training and the following student's information

- 1. Student name (in excel sheet)
- 2. USN number(in excel sheet)
- 3. Mail id. (in excel sheet)
- 4. Adhar linked Mobil number(in excel sheet)
- 5. Adhar card (hard copy)

KMO air.

6. Passport size. photo -1(hard copy).

Once you provide these details process can be initiated.

Thank you,

Mr. Rohith A.R. MSW, (Ph.D.) Skill coordinator AIET

Mob: 8147007284



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (Accredited by NBA, New Delhi 2019-2025)

Certification Course on Apple iOS App Development Using Swift and X Code - 2022-23

REGISTRATION SHEET

	USN	NAME	Phone Number	Email Address	Signature
1.	4AL22CS007	Akhilesh H R	9108503988	akhill.cse@gmail.com	June
2.	4AL22CS015	Apoorva	8904580049	apoorvapkamane@gmail.com	ARUO
3.	4AL22CS018	Arvind Kumar Ojha	9572353826	arvind22cse15@gmail.com	20401
4.	4AL22CS025	Bhoomika R	7338566253	bhoomi.r1230@gmail.com	Bhoomi.
5.	4AL22CS026	Brijesh S K	6360682898	brijesh300704@gmail.com	Bijas
6.	4AL22CS030	Chethan Kumar	9845713536	chethukumar9845@gmail.com	Chethan Kumer
7.	4AL22CS036	Deepika N	9535171078	anjali8139958932@gmail.com	Person
8.	4AL22CS040	Divya	9380414971	divyaprabu784@gmail.com	Divga.
9.	4AL22CS042	Elluri Chaitanya Srinivas	9110550897	chaitanyasrinivas30@gmail.com	E. Quitanya.
10.	4AL22CS045	Gajendra A	6360767637	gajendraagaja567@gmail.com	Gazenovers
11.	4AL22CS046	Gayatri M Baligar	9019152294	gayatribaligar2504@gmail.com	Charles
12.	4AL22CS047	Glanil Tauro	7975402353	glaniltauro060@gmail.com	May Paris
13.	4AL22CS050	Grishma Prashant Bhandare	8310363830	grishmabhandare@gmail.com	
14.	4AL22CS053	H Manjula	6361314490	manjulah002@gmail.com	man
15.	4AL22CS058	Harshitha H N	7676309311	hnharshitha1707@gmail.com	Hom With a 28 M
16.	4AL22CS068	K Veeresh	7619280422	kveeresh288@gmail.com	L. Nurs
17.	4AL22CS069	Kanishka Shetty	8971845563	kanishkashettty@gmail.com	Karushko Shetty
18.	4AL22CS075	Keerthana M	7483132287	keerthanakeerthi17609@gmail.com	Keertlana'. M
19.	4AL22CS079	Kusuma C D	8277928478	kusumacd45@gmail.com	Kusuma C.D
20.	4AL22CS082	Mahima Nayak	8904287462	nayakmahima632@gmail.com	Mahima Nayak
21.	4AL22CS083	Mallika K	7899161005	mallikagowda626@gmail.com	Malli ko k
22.	4AL22CS085	Megha Basavaraj Tambakad	8073693769	meghatambakad@gmail.com	Baracad,
23.	4AL22CS087	Mehek H N	7483780107	mehek896@gmail.com	Mehek



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REGISTRATION SHEET

	USN	NAME	Phone Number	Email Address	Signature
24.	4AL22CS090	Mohidin Ahmed Kabeer	8792190783	kabeermak88@gmail.com	Kapeer
25.	4AL22CS091	Nausha Tendulkar	7411076201	naushatendulkar24@gmail.com	Budulkar
26.	4AL22CS093	Nikshitha P Rai	9353041306	nikshithaprai2004@gmail.com	NRai.
27.	4AL22CS094	Nisarga S	6363343472	nisargas0904@gmail.com	Nisaygas
28.	4AL22CS095	Nishitha Suvarna	7259019347	nishithasuvarna74@gmail.com	vshita.
29.	4AL22CS096	Nishmitha S Shetty	7676591321	nishmithas439@gmail.com	Dies.
30.	4AL22CS100	Pavitra Ishwarappa Talawar	9448868759	talawarpavitra 132@gmail.com	TORON.
31.	4AL22CS106	Prathamesh Shetty	6362941356	4al22cs106@aiet.org.in	Brathernst
32.	4AL22CS107	Prathi U Shetty	8197851509	sprathi630@gmail.com	TOPW
33.	4AL22CS119	Rithika P Shetty	9740261242	rithikashetty474@gmail.com	Rithra.
34.	4AL22CS124	Sakshi	9036974572	acharyasakshi399@gmail.com	Constant
35.	4AL22CS146	Shivaleela Kalasad	7204494039	ramkalasad77@gmail.com shivaleeld	Kalasadu39@gmail.Lo
36.	4AL22CS151	Shraddhitha P Shettigar	8660039121	shraddhithapshettigar@gmail.com	Shraddhiph
37.	4AL22CS165	Srushti N B	6364809767	srushtiicse@gmail.com	Sougher
38.	4AL22CS175	Swapnil Sambhaji Alori	6363452392	swapnilalori62084@gmail.com	- Char
39.	4AL22CS178	Tangevva Rudrappa Gadad	7975157130	ashwinigadad3@gmail.com	applicated
40.	4AL22CS185	Varshitha R	9972892287	rvarshita8@gmail.com	Vooshe
41.	4AL22CS189	Yoghana B K	9008298681	yoghanabk479253@gmail.com	Years

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4,	4AL22CS025	Bhoomika R	9572353826	arvind22cse15@gmail.com	
5.	4AL22CS026	Brijesh S K	7338566253	bhoomi.r1230@gmail.com	Bhoomi.
5.	4AL22CS030	Chethan Kumar	6360682898	brijesh300704@gmail.com	Bo Was
7.	4AL22CS036	Deepika N	9845713536	chethukumar9845@gmail.com	Chothan Kon
3.	4AL22CS040	Divya	9535171078	anjali8139958932@gmail.com	Dept _
	4AL22CS042	Elluri Chaitanya Srinivas	9380414971	divyaprabu784@gmail.com	Divya.
0.	4AL22CS045	Gajendra A	9110550897	chaitanyasrinivas30@gmail.com	E. Quitanja.
1.	4AL22CS046	Gayatri M Baligar	6360767637	gajendraagaja567@gmail.com	gajendou A
2.	4AL22CS047	Glanil Tauro	9019152294	gayatribaligar2504@gmail.com	(man)
3.	4AL22CS050		7975402353	glaniltauro060@gmail.com	Manue
4.	4AL22CS053	Grishma Prashant Bhandare H Manjula	8310363830	grishmabhandare@gmail.com	V 0
5.	4AL22CS058		6361314490	manjulah002@gmail.com	man
5.	4AL22CS068	Harshitha H N	7676309311	hnharshitha1707@gmail.com	Hamkitha 49.4
7.	4AL22CS069	K Veeresh	7619280422	kveeresh288@gmail.com	L. Viers
3.	4AL22CS075	Kanishka Shetty	8971845563	kanishkashettty@gmail.com	
).	4AL22CS079	Keerthana M	7483132287	keerthanakeerthi17609@gmail.com	Karrysha Shetty
· ·	4AL22CS082	Kusuma C D	8277928478	kusumacd45@gmail.com	Keertlang'. M
_		Mahima Nayak	8904287462	nayakmahima632@gmail.com	Kusuma C.D Mahma Nayak
_	4AL22CS083	Mallika K	7899161005	mallikagowda626@gmail.com	
_	4AL22CS085	Megha Basavaraj Tambakad	8073693769	meghatambakad@gmail.com	Malliko k
·	4AL22CS087	Mehek H N	7483780107	mehek896@gmail.com	Meliek



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28.	4AL22CS095	Nishitha Suvarna	7259019347	nishithasuvama74@gmail.com	vistita.
29.	4AL22CS096	Nishmitha S Shetty	7676591321	nishmithas439@gmail.com	State 1
30.	4AL22CS100	Pavitra Ishwarappa Talawar	9448868759	talawarpavitra132@gmail.com	1000
31.	4AL22CS106	Prathamesh Shetty	6362941356	4al22cs106@aiet.org.in	Brainamy
32.	4AL22CS107	Prathi U Shetty	8197851509	sprathi630@gmail.com	TVATW!
33.	4AL22CS119	Rithika P Shetty	9740261242	rithikashetty474@gmail.com	Rithika.
34.	4AL22CS124	Sakshi	9036974572	acharyasakshi399@gmail.com	ALKER
35.	4AL22CS146	Shivaleela Kalasad	7204494039	ramkalasad77@gmail.com shivaleelo	
36.	4AL22CS151	Shraddhitha P Shettigar	8660039121	shraddhithapshettigar@gmail.com	Shraddium
37.	4AL22CS165	Srushti N B	6364809767	srushtiicse@gmail.com	South
38.	4AL22CS175	Swapnil Sambhaji Alori	6363452392	swapnilalori62084@gmail.com	Hun
9.	4AL22CS178	Tangevva Rudrappa Gadad	7975157130	ashwinigadad3@gmail.com	apharod
0.	4AL22CS185	Varshitha R	9972892287	rvarshita8@gmail.com	Northe
1.	4AL22CS189	Yoghana B K	9008298681	yoghanabk479253@gmail.com	Yeare

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ATTENDANCE SHEET

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ATTENDANCE SHEET 23/11/2023 24/11-2023 25/11/2023 27/11/2023 28/11/2023 29/11/2023 22/11/2023 NAME USN PM PM AM PM AM PM PM PM PM AM AM AM AM AM 4AL22CS090 Mohidin Ahmed Kabeer 25 4AL22CS091 Nausha Tendulkar Neai 26 NRai N Pour 4AL22CS093 Nikshitha P Rai Mai Nead 27 4AL22CS094 Nisarga S wishthe wish of atille with a walite Nishither Rhiten Phite werlike werlike 28 Nishitha Suvarna worlittle worlitte Nostitle Nostitle 4AL22CS095 29 Jack Date 4AL22CS096 Nishmitha S Shetty Mey Reel THE PLAN @8003 - Ope folia folia 30 Pavitra Ishwarappa Talawar 4AL22CS100 matte Part 31 4AL22CS106 Prathamesh Shetty 32 4AL22CS107 Prathi U Shetty 33 4AL22CS119 Rithika P Shetty Rithika Rithinka Ritlika Bruka Rittika Phina 34 4AL22CS124 Sakshi Ratered Plane Duck 35 Shivaleela Kalasad Rolard Blascy Blancy Blosco Balava Ved wa 4AL22CS146 36 4AL22CS151 Shraddhitha P Shettigar 37 Carolat SALVA 4AL22CS165 Srushti N B 38 Swapnil Sambhaji Alori 4AL22CS175 39 Tangevva Rudrappa Gadad 4AL22CS178 80 BY Vasy 40 Varel Vale 4AL22CS185 Varshitha R 4AL22CS189 Yoghana B K

COORDINATOR

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24	4AL22CS090	Mohidin Ahmed Kabeer	Kaber	Marie	Kaker	Kabor	Kaben	Kereer	Robes	Habeer	Rober	Keber	Kober	Kalusa	Keber	Kulica
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31	4AL22CS106	Prathamesh Shetty	grad w	Route	Zadu	Dut	Blothy	Barry	Pertu		Rath	DIL	Pathed	Pri	Dial	DAL
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36	4AL22CS151	Shraddhitha P Shettigar	shidely	Modeling	Madella	Shiddle	Sheddie	or adde	Street	ila del liver	hiddlit	andle	Classical Land	D. Allen	AB	AB
37	4AL22CS165	Srushti N B	Carola	SHOW	SOL	esoul.	2000	Smul	1800	De.	100	Caro	Sal	Cal	San	(A)
38	4AL22CS175	Swapnil Sambhaji Alori	Dur	Rus	2	Ric	& She	De	Show	Au	Rus	Des	Que	Que.	(1)	20
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40	4AL22CS185	Varshitha R	best	ليلاطد	AB	your		Vost	NOOS	North	1/20	pesto		Var	Vogs	Aloxs
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ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY, MOODBIDRE



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Apple iOS LAB

A Report of Training on "Apple iOS App Development Programming using Swift C and X Code"

(22nd November 2023 - 29th November 2023)

By: Mr. Venkatesh

2023-24

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- 1. Introduction
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1. Introduction

Department of CSE organized a One Week training Program on "Apple iOS App Development using Swift C and XCode" for the students of Third Semester B.E. CSE. The training was started on 22nd November 2023 till 29th November 2023 every day from 09.00 AM to 05.00 PM.



Mr. Venkatesh, Senior Associate Professor in the Department of CSE AIET, was the coordinator of this training Program under the guidance of Dr. Manjunath Kotari, HOD of Computer Science and Engineering department AIET Moodbidri. Mrs. Deeksha M, Senior Assistant Professor in the department of CSE was the MC of the informal inaugural program. Total 41 students were registered and 37 students were benefited from the training.

2. Details of Resource Person

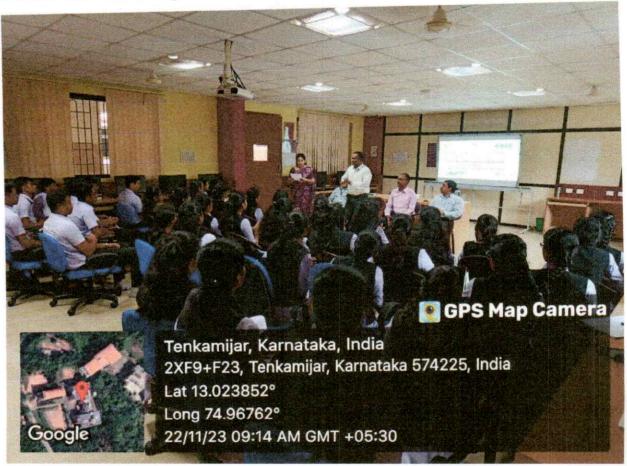
Mr. Maheshwaran Govindaraju, started his carrier as a software trainer in Galaxy Internet Pvt Limited. Mr. Maheshwaran Govindaraju has more than 2 Decades of experience in Software Development and Corporate Training in various industries.

Mr. Maheswaran Govindaraju has a Domain Knowledge in ERP, Retail, Finance, Healthcare, HRM, Telecom, Server-Side Coding in C++. He has More than 18-year Experience in Project Management.



He has more experience in Software Architecture and Product development. He is expertise in .NET, J2EE, Angular, React, Oracle, SQL Server, PHP, C++ systems and so on. He is the corporate trainer for Quest Global, Experion, LnT Infotech, Tata Elxsi and many others. He applied Apple's Swift C development language to code native apps for iOS platform. Currently he is a Technical Consultant in Self Employed and Freelancer.

He started his career with Kaashyap Radian Systems Limited which has used him to give the corporate training to the companies. Thereafter he migrated to development industry where he had explored the art of the state and cutting-edge technologies, I have had solid experience in mentoring Subject Matter Experts.

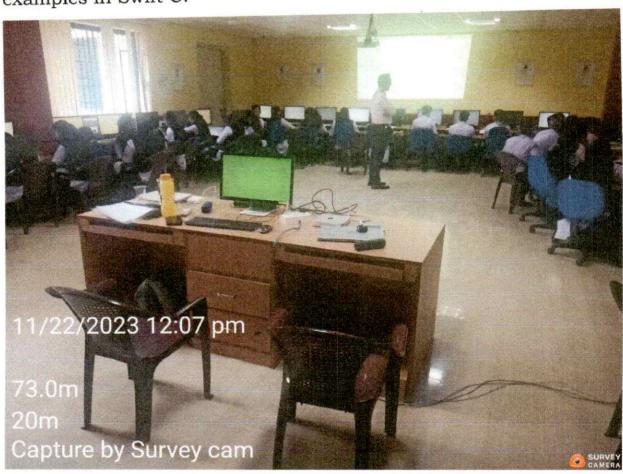


The program was started informally by introducing the trainer Mr. Maheswar Govindaraju to the students by the coordinator Mr. Venkatesh. After the introduction of the trainer, HOD CSE suggested the students to grab the opportunities of the training and to develop some apps in this environment. Chief guest of the inaugural function Mr. Nithin in his speech, informed the students to grab the opportunity of getting the free internship training the company.

3. Course Sessions

The trainer Mr. Maheswaran Govindaraju started the training beginning with displaying the message string using Swift C.

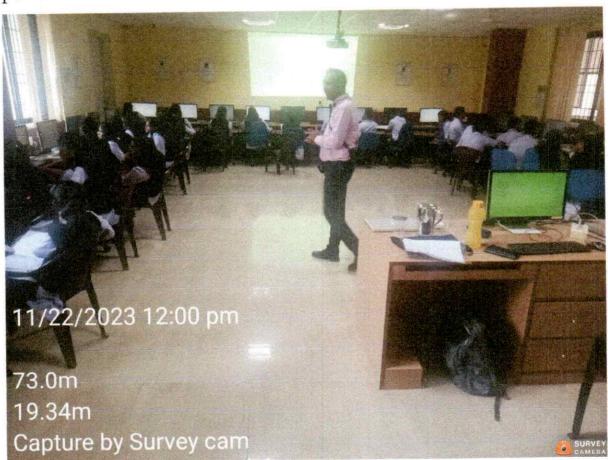
In the first day (22nd November 2023) morning session the trainer covered the very basic knowledges on Swift C Programming with hands on examples. With this training Students gain the knowledge on writing the simple programs in Swift C using X Code environment. He made the students to work with many more examples in Swift C.



During the afternoon session on 22nd November 2023, the trainer trained the students on how to create the iOS Application. He demonstrated the very simple iOS app by designing the simple user interface with two label boxes, two text boxes and one

command button. The students were learnt how to program for this user interface to work.

On 23rd November 2023, the trainer gave some more inputs on how to define the Swift functions and how to call it. During the afternoon session, he trained the students with another exercise to design and develop a mini calculator app in iOS environment. Almost all students were implemented this app successfully. Many Students designed different types of user interfaces for this app as per their wish. This is extended on 24th November 2023 also.



The students were enjoyed in this training with writing and executing the programs to few simple problems like performing arithmetic operations and other exercises in Swift C with Xcode environment. They also enjoyed very much in designing and developing mini-iOS app like simple calculator.

On 25th November 2023, the trainer taught the students to design the game development by designing the Tic-Tac Toe game. He also trained the students how to generate the random numbers and how to use it in our applications. He made the students to work with it by playing with the random number generation.



During the After-noon session, the trainer trained the students about back-end software and its installations. He trained the students on installation of Python, Django, SQLite, and other supporting software. He also demonstrated with working of SQLite and Django by creating a student simple Database and tables. He verified all the students that whether they created the student database successfully or not. He cleared the doubts raised by the students and he corrected the few errors during the training.

On 27th November 2023 Morning session, the trainer continued his training to the students in working on these back-end. He gave several examples and made the students to work on these. Students studied CRUD Operations using Postman API.



During the after-noon session on 27th November 2023, the students studied how to merge the multiple page app. He demonstrated with an example of multipage app and merging these multiple pages. Students followed the same steps and understood this concept.

On 28th November 2023, in the morning session, the students learnt how to build a Personapp using Django, thunderbolt API. In the afternoon session, the students are applying the CRUD Operations on Personapp.

On the 29th November 2023, the trainer continued his training to the students with Personapp.

He gave an assignment to the students to build studentapp and apply CRUD Operations on it.

Finally, the training is closed with a informal valedictory function. The AIET Skill coordinator Mr. Rohith informed the students to apply this knowledge gained during the training period in developing an app and upload it to the Appstore.



Mr. Rohith also suggested the students to contact the trainer Mr. Maheswaran Govindaraju any time when they get problem in building their app.



4 List of Students Registered

There are 41 students were registered for Apple iOS programming using Swift C and X Code from III SEM CSE during the academic year 2023-2024. Out of this, 36 students were benefited from this training.

1.	4AL22CS007	Akhilesh H R						
2.	4AL22CS015	Apoorva						
3.	4AL22CS025	Bhoomika R						
4.	4AL22CS030	Chethan Kumar						
5.	4AL22CS040	Divya						
6.	4AL22CS042	Elluri Chaitanya Srinivas						
7.	4AL22CS045	Gajendra A						
8.	4AL22CS046	Gayatri M Baligar						
9.	4AL22CS047	Glanil Tauro						
10.	4AL22CS053	H Manjula						
11.	4AL22CS058	Harshitha H N						
12.		K Veeresh						
13.		Kanishka Shetty						
14.		Keerthana M						
15.	4AL22CS079	Kusuma C D						
16.		Mahima Nayak						
17.	4AL22CS083	Mallika K						
18.	4AL22CS085	Megha Basavaraj Tambakad						
19.	4AL22CS087	Mehek H N						
20.	4AL22CS090	Mohidin Ahmed Kabeer						
21.	4AL22CS091	Nausha Tendulkar						
22.	4AL22CS093	Nikshitha P Rai						
23.	4AL22CS094	Nisarga S						
24.	4AL22CS095	Nishitha Suvarna						
25.	· · · · · · · · · · · · · · · · · · ·	Nishmitha S Shetty						
26.	4AL22CS100	Pavitra Ishwarappa Talawar						
27.	4AL22CS106	Prathamesh Shetty						
28.	4AL22CS107	Prathi U Shetty						
29.	4AL22CS119	Rithika P Shetty						
30.	4AL22CS124	Sakshi						
31.	4AL22CS146	Shivaleela Kalasad						
32.	4AL22CS151	Shraddhitha P Shettigar						
33.	4AL22CS165	Srushti N B						
34.	4AL22CS175	Swapnil Sambhaji Alori						
35.	4AL22CS185	Varshitha R						
36.	4AL22CS189	Yoghana B K						

OUTCOME

Total 41 students were registered. 36 students were attended the training program regularly and got benefitted by this training.

COORDINATOR

(Mr. VENKATESH)

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