



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 1

CURRICULAR ASPECTS

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING





DEPARTMENT OF INFORMATION TECHNOLOGY

ACADEMIC YEAR 2018-2019 /EVEN SEMESTER

1.2 Academic Flexibility (30)

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs,SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

AND

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

VAC Title:	Android App Development				
Resource Person:	Mrs.Sankari ProjectManager FlinkTechnologies,Chennai .				
Date of conduct from:	08.04.2019	To:	13.04.2019	Duration:	36 Hours
Organized Department:	INFORMATION TECHNOLOGY				
Participant Year:	IT IV,III,II	Semester:	EVEN	No. of Students Registered:	80
Venue:	IT Seminar Hall				

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COLLEGE OF ENGINEERING
Madurai Main Road (NH-45B), Manikandam, Trichy-12.
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Department of Information Technology
Academic Year 2018-2019 –EVEN Semester


02.04.2019

DEPARTMENT CIRCULAR

Department of Information Technology in association with **Flink Technologies** is going to organize Value Added Course for all Second, Third and Final year students on “Android App Development” from 08.04.2019 to 13.04.2019 Certificates will be issued to the eligible participants at the end of the Course. This training is to be provided in our campus.

Resource Person Detail	1.Mrs.Sankari Project Manager Flink Technologies,Chennai 2.Mrs.Vidhyasri Project Manager Flink Technologies,Chennai
Venue	IT Seminar Hall, IGCE


HOD/IT


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.


PRINCIPAL

Cc:

- Principal office
- Class In charges - II, III & IV-Year
- II, III & IV-Year IT Students
- Office File
- Notice Board



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Value Added Course

“Android App Development”

SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE
1	Introduction to Android	3	08.04.2019
2	Basic Building Blocks-Activities, services	3	08.04.2019
3	First sample Application	3	09.04.2019
4	Emulator- Virtual Device	3	09.04.2019
5	Android- Virtual Device	3	10.04.2019
6	Editing emulator settings	3	10.04.2019
7	Applying Themes via code manifest file	3	11.04.2019
8	Maps, Location based services	3	11.04.2019
9	GPS, Location based services	3	12.04.2019
10	Network connectivity services	3	12.04.2019
11	Layouts and drawable resources	3	13.04.2019
12	Activities and activity lifecycle	2	13.04.2019
13	Exam	1	13.04.2019
Total Hours (Excluding Exam)		36	-


VAC Coordinator


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal

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Value Added Course

"Android App Development"

STUDENTS PARTICIPATION LIST

Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-520 012.

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
1	811215205001	Aishwarya. R	IV/IT
2	811215205002	Akila. N	IV/IT
3	811215205003	Anbuselvi. R	IV/IT
4	811215205004	Anitha. A	IV/IT
5	811215205005	Anitha. R	IV/IT
6	811215205007	Ashila Banu. M	IV/IT
7	811215205009	Chithira. M	IV/IT
8	811215205010	Deepalakshmi. N	IV/IT
9	811215205011	Dhanalakshmi. D	IV/IT
10	811215205012	Dhivya. S	IV/IT
11	811215205013	Ganga Devi. V	IV/IT
12	811215205014	Gayathri. B	IV/IT
13	811215205016	Greeshma. V	IV/IT
14	811215205017	Jency Delphina. S	IV/IT
15	811215205018	Karan. K	IV/IT
16	811215205019	Keerthana. M	IV/IT
17	811215205020	Kiruthika. G	IV/IT
18	811215205021	Manikandan. R	IV/IT
19	811215205022	Mathan Sam Raj. M	IV/IT
20	811215205023	Menaka. K	IV/IT
21	811215205024	Nandhini. S	IV/IT
22	811215205025	Nooril Meena. M	IV/IT
23	811215205026	Pavithra. L	IV/IT
24	811215205027	Priyadharshini. S	IV/IT
25	811215205028	Pushpa. C	IV/IT
26	811215205029	Sagaya Rani. R	IV/IT
27	811215205030	Sathish Kumar. G	IV/IT
28	811215205032	Siddika Banu. S	IV/IT
29	811215205033	Suvetha. J	IV/IT
30	811215205034	Vanmathi. A	IV/IT
31	811215205035	Victoriaezilarasi.A	IV/IT
32	811215205036	Vijaya. K	IV/IT
33	811215205037	Vijayalakshmi. B	IV/IT
34	811215205038	Vimalraj. R	IV/IT



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Principal

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Manikandam, Trichy-620 012

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
35	811215205301	Arunachalam .K	IV/IT
36	811216205001	Anusuya Devi R	III/IT
37	811216205003	Balambigai A	III/IT
38	811216205004	Bharath C	III/IT
39	811216205005	Boopalan K	III/IT
40	811216205006	Jeevamani M	III/IT
41	811216205007	Jeyapriya D	III/IT
42	811216205008	Kalaiyarasi N	III/IT
43	811216205009	Kanagavalli J	III/IT
44	811216205010	Keerthika R	III/IT
45	811216205011	Krishnan K	III/IT
46	811216205012	Muthulakshmi P	III/IT
47	811216205013	Nandhini C	III/IT
48	811216205014	Nelson	III/IT
49	811216205015	Parameshwari K	III/IT
50	811216205016	Poovaragavan	III/IT
51	811216205017	Priyadharshini A	III/IT
52	811216205018	Radhika M	III/IT
53	811216205019	Roshini A	III/IT
54	811216205020	Rubini K	III/IT
55	811216205022	Savithri S	III/IT
56	811216205023	Selvapathi V	III/IT
57	811216205024	Sivakavi S	III/IT
58	811216205025	Sivakumar S	III/IT
59	811216205026	Thanisha S	III/IT
60	811216205027	Thasthagir S	III/IT
61	811216205028	Victoriyarani T	III/IT
62	811216205029	Vidhyasri M	III/IT
63	811216205030	Wasim Akram M	III/IT
64	811216205501	Aravindhana S	III/IT
65	811217205001	Anitha G	II/IT
66	811217205002	Balaji V	II/IT
67	811217205003	Gopal P	II/IT
68	811217205004	Hariharan S	II/IT



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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
69	811217205005	Karthick A	II/IT
70	811217205006	Lisha Y	II/IT
71	811217205007	Lokeshwaran V	II/IT
72	811217205008	Merciya Mary A	II/IT
73	811217205009	Mohamed Riyaj Khan M	II/IT
74	811217205010	Mukesh Kanna S	II/IT
75	811217205011	Pakkiyalakshmi A	II/IT
76	811217205013	Sankar C	II/IT
77	811217205015	Santhiya K	II/IT
78	811217205016	Saranya C	II/IT
79	811217205017	Sudhahar S	II/IT
80	811217205018	Swetha K	II/IT


VAC Coordinator


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REPORT ON VALUE ADDED COURSE

Title: "Android App Development"

Resource Person:

Mrs. Sankari
Project Manager
Flink Technologies, Chennai

Mrs. Vidhyasri
Project Manager
Flink Technologies,
Chennai

Date of conduct from : 08.04.2019 To: 13.04.2019 Duration: 36 Hours

Organized Department : Information Technology

Participant Year: 2,3,4 No. of Students Registered : 80

Venue: IT Seminar Hall

Outcome of Value Added Course (VAC): At the end of the Course, Students can be able to

- To designing and building mobile applications using Android open-source platform
- Developing for Android through its main application development building blocks
- Encourages students to learn by building increasingly more sophisticated and meaningful mobile applications
- Build a Twitter app for Android, but there are other choices depending on participants' interests
- Combination of lecture and laboratory course which will help the student understand the philosophy of developing for Android

Assessment Process

- Students, who are securing more than 70% on total score and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score = $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$


VAC Coordinator


HoD/IT


Principal


Dr. G. Balakrishnan, M.E., Ph.D.,
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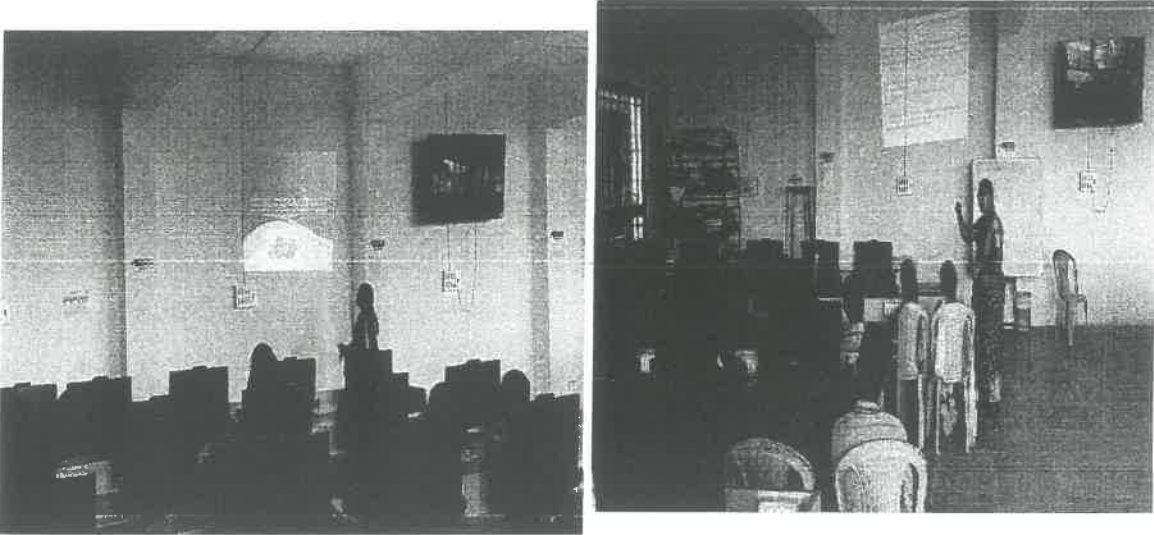





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SAMPLE PHOTOS OF VALUE ADDED COURSE

Title:	"Android App Development"				
Resource Person:	Mrs.Sankari Project Manager FlinkTechnologies,Chennai		Mrs.Vidhyasri Project Manager FlinkTechnologies, Chennai		
Date of conduct from :	08.04.2019	To:	13.04.2019	Duration:	36 Hours
Organized Department :	Information Technology				
Participant Year:	2,3,4	No. of Students Registered :	80		
Venue:	IT Seminar Hall				
Sample Photos:					
 VAC Coordinator	 HoD/IT	 Principal			


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Principal

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Value Added Course

“Android App Development”

Name of the Student:

Year/Sem:

AU Register Number:

Value Added Course

“Android App Development”

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. Android is

- a) an operating system
- b) a web browser
- c) a web server
- d) None of the above

2. Under which of the following Android is licensed?

- a) OSS
- b) Sourceforge
- c) Apache/MIT
- d) None of the above

3. For which of the following Android is mainly developed?

- a) Servers
- b) Desktops
- c) Laptops
- d) Mobile devices

4. Which of the following is the first mobile phone released that ran the Android OS?

- a) HTC Hero
- b) Google gPhone
- c) T-Mobile G1
- d) None of the above




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Value Added Course

“Android App Development”

5. Which of the following virtual machine is used by the Android operating system?
- a) JVM
 - b) Dalvik virtual machine
 - c) Simple virtual machine
 - d) None of the above
6. Android is based on which of the following language?
- a) Java
 - b) C++
 - c) C
 - d) None of the above
7. APK stands for -
- a) Android Phone Kit
 - b) Android Page Kit
 - c) Android Package Kit
 - d) None of the above
8. What does API stand for?
- a) Application Programming Interface
 - b) Android Programming Interface
 - c) Android Page Interface
 - d) Application Page Interface
9. Which of the following converts Java byte code into Dalvik byte code?
- a) Dalvik converter
 - b) Dex compiler
 - c) Mobile interpretive compiler (MIC)


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Value Added Course

“Android App Development”

10. How can we stop the services in android?

- a)By using the stopSelf() and stopService() method
- b)By using the finish() method
- c)By using system.exit() method
- d)None of the above

11. What is an activity in android?

- a)android class
- b)android package
- c)A single screen in an application with supporting java code
- d)None of the above

12. How can we kill an activity in android?

- a)Using finish() method
- b)Using finishActivity(int requestCode)
- c)Both (a) and (b)
- d)Neither (a) nor (b)

13. ADB stands for -

- a)Android debug bridge
- b)Android delete bridge
- c)Android destroy bridge
- d)None of the above

14. On which of the following, developers can test the application, during developing the android applications?

- a)Third-party emulators
- b)Emulator included in Android SDK
- c)Physical android phone

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Value Added Course

“Android App Development”

15. Which of the following kernel is used in Android?
- a)MAC
 - b)Windows
 - c)Linux
 - d)Redhat
16. Which of the following is the first callback method that is invoked by the system during an activity life-cycle?
- a)onClick() method
 - b)onCreate() method
 - c)onStart() method
 - d)onRestart() method
17. Which of the following is not an activity lifecycle callback method?
- a)onClick() method
 - b)onCreate() method
 - c)onStart() method
 - d)onBackPressed() method
18. We require an AVD to create an emulator. What does AVD stand for?
- a)Android Virtual device
 - b)Android Virtual display
 - c)Active Virtual display
 - d)Active Virtual device
19. Does android support other languages than java?
- a)Yes
 - b)No
 - c)May be



Value Added Course

“Android App Development”

20. What is the use of content provider in Android?

- a) For storing the data in the database
- b) For sharing the data between applications
- c) For sending the data from an application to another application
- d) None of the above

21. AAPT stands for -

- a) Android Activity Packaging Tool
- b) Android Asset Packaging Tool
- c) Android Action Packaging Tool
- d) None of the above


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22. NDK stands for -

- a) Native Development Kit
- b) New Development kit
- c) Native Design Kit
- d) None of the above

23. Which of the following is contained in the src folder?

- a) XML
- b) Java source code
- c) Manifest
- d) None of the above

24. Which of the following method is used to handle what happens after clicking a button?

- a) onClick
- b) onCreate
- c) onSelect



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Value Added Course

“Android App Development”

25. Which of the following android component displays the part of an activity on screen?

- a)View
- b)Manifest
- c)Intent
- d)Fragmen

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Value Added Course

“Android App Development”

ANSWER KEY

1	a	6	a	11	c	16	b	21	b
2	c	7	c	12	c	17	d	22	a
3	d	8	a	13	a	18	a	23	b
4	c	9	b	14	d	19	a	24	d
5	b	10	a	15	c	20	c	25	a


VAC Coordinator


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Added Course

“Android App Development”

Name of the Student: *Deepa Lakshmi. N*

Year/Sem: *18*

AU Register Number: *811215205010*

Value Added Course

“Android App Development”

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. Android is

- a) an operating system
- b) a web browser
- c) a web server
- d) None of the above

2. Under which of the following Android is licensed?

- a) OSS
- b) Sourceforge
- c) Apache/MIT
- d) None of the above

3. For which of the following Android is mainly developed?

- a) Servers
- b) Desktops
- c) Laptops
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- a) HTC Hero
- b) Google gPhone
- c) T-Mobile G1
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18-19
evm

18-19
evm
19

25



Added Course

“Android App Development”

b) Dalvik virtual machine

c) Simple virtual machine

d) None of the above

6. Android is based on which of the following language?

a) Java

b) C++

c) Q

d) None of the above

7. APK stands for -

a) Android Phone Kit

b) Android Page Kit

c) Android Package Kit

d) None of the above

8. What does API stand for?

a) Application Programming Interface

b) Android Programming Interface

c) Android Page Interface

d) Application Page Interface

9. Which of the following converts Java byte code into Dalvik byte code?

a) Dalvik converter


b) Dex compiler

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a) By using the stopSelf() and stopService() method


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Added Course

“Android App Development”

c) By using system.exit() method

d) None of the above

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b) android package

c) A single screen in an application with supporting java code

d) None of the above

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Added Course

“Android App Development”

d) Redhat

16. Which of the following is the first callback method that is invoked by the system during an activity life-cycle?

- a) onClick() method
- b) onCreate() method
- c) onStart() method
- d) onRestart() method

17. Which of the following is not an activity lifecycle callback method?

- a) onClick() method
- b) onCreate() method
- c) onStart() method
- d) onBackPressed() method


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- a) Android Virtual device
- b) Android Virtual display
- c) Active Virtual display
- d) Active Virtual device

19. Does android support other languages than java?

- a) Yes
- b) No
- c) May be
- d) Can't say

20. What is the use of content provider in Android?

- a) For storing the data in the database
- b) For sharing the data between applications
- c) For sending the data from an application to another application



Added Course

“Android App Development”

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Added Course

“Android App Development”

Name of the Student:

Kouan. k

Year/Sem: 1✓

AU Register Number:

811215205 018

16
25

Value Added Course

“Android App Development”

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. Android is

- a) an operating system
- b) a web browser
- c) a web server
- d) None of the above

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3. For which of the following Android is mainly developed?


- a) Servers
- b) Desktops
- c) Laptops
- d) Mobile devices

4. Which of the following is the first mobile phone released that ran the Android OS?

- a) HTC Hero
- b) Google gPhone
- c) T-Mobile G1
- d) None of the above

5. Which of the following virtual machine is used by the Android operating system?

- a) JVM


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Principal
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b) Dalvik virtual machine

c) Simple virtual machine

d) None of the above

6. Android is based on which of the following language?

a) Java

b) C++

c) C

d) None of the above

7. APK stands for -

a) Android Phone Kit

b) Android Page Kit

c) Android Package Kit

d) None of the above

8. What does API stand for?

a) Application Programming Interface

b) Android Programming Interface

c) Android Page Interface

d) Application Page Interface

9. Which of the following converts Java byte code into Dalvik byte code?

a) Dalvik converter

b) Dex compiler

c) Mobile interpretive compiler (MIC)

d) None of the above

10. How can we stop the services in android?

a) By using the stopSelf() and stopService() method


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c) By using `system.exit()` method

d) None of the above

11. What is an activity in android?

a) android class

b) android package

c) A single screen in an application with supporting java code

d) None of the above

12. How can we kill an activity in android?

a) Using `finish()` method

b) Using `finishActivity(int requestCode)`

c) Both (a) and (b)

d) Neither (a) nor (b)

13. ADB stands for -

a) Android debug bridge

b) Android delete bridge

c) Android destroy bridge

d) None of the above

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14. On which of the following, developers can test the application, during developing the android applications?

a) Third-party emulators

b) Emulator included in Android SDK

c) Physical android phone

d) All of the above

15. Which of the following kernel is used in Android?

a) MAC

b) Linux



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d) Redhat

16. Which of the following is the first callback method that is invoked by the system during an activity life-cycle?

- a) onClick() method
- b) onCreate() method
- c) onStart() method
- d) onRestart() method

17. Which of the following is not an activity lifecycle callback method?

- a) onClick() method
- b) onCreate() method
- c) onStart() method
- d) onBackPressed() method

18. We require an AVD to create an emulator. What does AVD stand for?


- a) Android Virtual device
- b) Android Virtual display
- c) Active Virtual display
- d) Active Virtual device

19. Does android support other languages than java?

- a) Yes
- b) No
- c) May be
- d) Can't say

20. What is the use of content provider in Android?

- a) For storing the data in the database
- b) For sharing the data between applications
- c) For sending the data from an application to another application


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21. AAPT stands for -


- a) Android Activity Packaging Tool
- b) Android Asset Packaging Tool
- c) Android Action Packaging Tool
- d) None of the above

22. NDK stands for -

- a) Native Development Kit
- b) New Development kit
- c) Native Design Kit
- d) None of the above

23. Which of the following is contained in the src folder?

- a) XML
- b) Java source code
- c) Manifest
- d) None of the above


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24. Which of the following method is used to handle what happens after clicking a button?

- a) onClick
- b) onCreate
- c) onSelect
- d) None of the above

25. Which of the following android component displays the part of an activity on screen?

- a) View
- b) Manifest
- c) Intent
- d) Fragment



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Name of the Student: Parameshwari. K Year/Sem: III
AU Register Number: 811216205015

18-10-2020
20

25

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MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. Android is

- a) an operating system
- b) a web browser
- c) a web server
- d) None of the above

2. Under which of the following Android is licensed?

- a) OSS
- b) Sourceforge
- c) Apache/MIT
- d) None of the above

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- b) Dalvik virtual machine "Android App Development"
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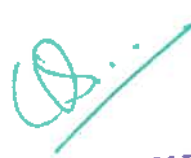
- a) Android Virtual device
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Department of Information Technology

Academic Year 2018-2019 – Even Semester

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S.N O	REG NO	STUDENTS NAME	YEAR/ BRANC H	08.04.2019		09.04.2019		10.04.2019		11.04.2019		12.04.2019		13.04.2019		NO OF SESSIO NS ATTEN DED	SIG OF TH STUD
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1	811215205001	Aishwarya. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Am
2	811215205002	Akila. N	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Am
3	811215205003	Anbuselvi. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Am
4	811215205004	Anitha. A	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Am
5	811215205005	Anitha. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	ⓐ	✓	11	Am
6	811215205007	Ashila Banu. M	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	ⓐ	✓	✓	✓	11	Am
7	811215205009	Chithira. M	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Chith
8	811215205010	Deepalakshmi. N	IV/IT	✓	✓	✓	✓	✓	✓	✓	ⓐ	✓	✓	ⓐ	✓	10	Deepal
9	811215205011	Dhanalakshmi. D	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	ⓐ	✓	✓	✓	11	Dhan
10	811215205012	Dhivya. S	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	Dhivya
11	811215205013	Ganga Devi. V	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Ganga
12	811215205014	Gayathri. B	IV/IT	✓	✓	✓	✓	✓	✓	ⓐ	✓	✓	✓	✓	✓	11	Gayathri
13	811215205016	Greeshma. V	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Greeshma
14	811215205017	Jency Delphina. S	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	ⓐ	✓	11	Jency

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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
15	811215205018	Karan. K	IV/IT	✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	11	Kar
16	811215205019	Keerthana. M	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	Ⓐ	✓	✓	✓	✓	11	Keer
17	811215205020	Kiruthika. G	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	12	Kiruth
18	811215205021	Manikandan. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Ⓐ	10	Mani
19	811215205022	Mathan Sam Raj. M	IV/IT	✓	✓	✓	✓	✓	✓	Ⓐ	✓	Ⓐ	✓	✓	✓	10	Math
20	811215205023	Menaka. K	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Men
21	811215205024	Nandhini. S	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	11	Nand
22	811215205025	Nooril Meena. M	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Noor
23	811215205026	Pavithra. L	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Pavi
24	811215205027	Priyadharshini. S	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	11	Priya
25	811215205028	Pushpa. C	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Ⓐ	11	Push
26	811215205029	Sagaya Rani. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Ⓐ	12	Saga
27	811215205030	Sathish Kumar. G	IV/IT	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	10	Sath
28	811215205032	Siddika Banu. S	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	10	Sidd
29	811215205033	Suvetha. J	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Suve
30	811215205034	Vanmathi. A	IV/IT	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	✓	Ⓐ	10	Vanm
31	811215205035	Victoriaezilarasi.A	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Victo
32	811215205036	Vijaya. K	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	10	Vija
33	811215205037	Vijayalakshmi. B	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Ⓐ	12	Vija
34	811215205038	Vimalraj. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Vima
35	811215205301	Arunachalam .K	IV/IT	✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	11	Arun
36	811216205001	Anusuya Devi R	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Ⓐ	11	Anu



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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
37	811216205003	Balambigai A	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Balan
38	811216205004	Bharath C	III/IT	✓	✓	✓	✓	✓	(A)	✓	✓	✓	(A)	✓	✓	10	C.H
39	811216205005	Boopalan K	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	11	K-Box
40	811216205006	Jeevamani M	III/IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	11	Jee
41	811216205007	Jeyapriya D	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	PS
42	811216205008	Kalaiyarasi N	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Ara
43	811216205009	Kanagavalli J	III/IT	✓	✓	✓	(A)	✓	✓	✓	✓	✓	(A)	✓	✓	10	Kana
44	811216205010	Keerthika R	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Keer
45	811216205011	Krishnan K	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Kris
46	811216205012	Muthulakshmi P	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	11	Muthu
47	811216205013	Nandhini C	III/IT	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	✓	✓	11	Nand
48	811216205014	Nelson	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Nel
49	811216205015	Parameshwari K	III/IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	11	Para
50	811216205016	Poovaragavan	III/IT	✓	✓	✓	(A)	✓	✓	✓	✓	✓	✓	✓	✓	11	Poova
51	811216205017	Priyadharshini A	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Priya
52	811216205018	Radhika M	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	11	Radh
53	811216205019	Roshini A	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	11	Rosh
54	811216205020	Rubini K	III/IT	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	✓	✓	11	Rubi
55	811216205022	Savithri S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Savi
56	811216205023	Selvapathi V	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	✓	(A)	10	Selva
57	811216205024	Sivakavi S	III/IT	✓	(A)	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	10	Siva
58	811216205025	Sivakumar S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Siva
59	811216205026	Thanisha S	III/IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	11	Tha

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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
60	811216205027	Thasthagir S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Thasthagir
61	811216205028	Victoriyarani T	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Rani
62	811216205029	Vidhyasri M	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	Vidhyasri
63	811216205030	Wasim Akram M	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	Akram
64	811216205501	Aravindhan S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Aravindhan
65	811217205001	Anitha G	II/IT	ⓐ	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Anitha
66	811217205002	Balaji V	II/IT	ⓐ	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Balaji
67	811217205003	Gopal P	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Gopal
68	811217205004	Hariharan S	II/IT	✓	✓	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	10	hari
69	811217205005	Karthick A	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	ⓐ	11	Karthick
70	811217205006	Lisha Y	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Lisha
71	811217205007	Lokeshwaran V	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	lokesh
72	811217205008	Merciya Mary A	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	Merciya
73	811217205009	Mohamed Riyaj Khan M	II/IT	✓	✓	✓	✓	✓	ⓐ	✓	✓	✓	✓	✓	✓	11	Mohamed
74	811217205010	Mukesh Kanna S	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Mukesh
75	811217205011	Pakkiyalakshmi A	II/IT	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Lakshmi
76	811217205013	Sankar C	II/IT	✓	✓	✓	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	10	Sankar
77	811217205015	Santhiya K	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Santhiya
78	811217205016	Saranya C	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	ⓐ	11	Saranya
79	811217205017	Sudhakar S	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Sudhakar
80	811217205018	Swetha K	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Swetha

Sit
VAC Coordinator

leup
HoD/IT



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Department of Information Technology
Academic Year 2018-2019 – Even Semester
VALUE ADDED COURSE ASSESMENT SHEET
Android App Development

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
1	811215205001	Aishwarya. R	IV/IT	36	100	20	80	90
2	811215205002	Akila. N	IV/IT	30	83	15	60	72
3	811215205003	Anbuselvi. R	IV/IT	36	100	19	76	88
4	811215205004	Anitha. A	IV/IT	36	100	22	88	94
5	811215205005	Anitha. R	IV/IT	33	92	18	72	82
6	811215205007	Ashila Banu. M	IV/IT	33	92	17	68	80
7	811215205009	Chithira. M	IV/IT	36	100	18	72	86
8	811215205010	Deepalakshmi. N	IV/IT	30	83	17	68	76
9	811215205011	Dhanalakshmi. D	IV/IT	33	92	16	64	78
10	811215205012	Dhivya. S	IV/IT	33	92	16	64	78
11	811215205013	Ganga Devi. V	IV/IT	36	100	20	80	90

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
12	811215205014	Gayathri. B	IV/IT	33	92	20	80	86
13	811215205016	Greeshma. V	IV/IT	36	100	22	88	94
14	811215205017	Jency Delphina. S	IV/IT	33	92	17	68	80
15	811215205018	Karan. K	IV/IT	33	92	19	76	84
16	811215205019	Keerthana. M	IV/IT	33	92	19	76	84
17	811215205020	Kiruthika. G	IV/IT	36	100	20	80	90
18	811215205021	Manikandan. R	IV/IT	30	83	16	64	74
19	811215205022	Mathan Sam Raj. M	IV/IT	30	83	16	64	74
20	811215205023	Menaka. K	IV/IT	36	100	22	88	94
21	811215205024	Nandhini. S	IV/IT	33	92	18	72	82
22	811215205025	Nooril Meena. M	IV/IT	36	100	22	88	94
23	811215205026	Pavithra. L	IV/IT	36	100	22	88	94
24	811215205027	Priyadharshini. S	IV/IT	33	92	20	80	86
25	811215205028	Pushpa. C	IV/IT	33	92	19	76	84
26	811215205029	Sagaya Rani. R	IV/IT	36	100	20	80	90
27	811215205030	Sathish Kumar. G	IV/IT	30	83	16	64	74
28	811215205032	Siddika Banu. S	IV/IT	30	83	16	64	74
29	811215205033	Suvetha. J	IV/IT	36	100	22	88	94
30	811215205034	Vanmathi. A	IV/IT	30	90	19	76	83

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
31	811215205035	Victoriaezilarasi.A	IV/IT	36	90	19	76	83
32	811215205036	Vijaya. K	IV/IT	30	100	20	80	90
33	811215205037	Vijayalakshmi. B	IV/IT	36	90	19	76	74
34	811215205038	Vimalraj. R	IV/IT	36	80	21	84	82
35	811215205301	Arunachalam .K	IV/IT	33	90	20	80	85
36	811216205001	Anusuya Devi R	III/IT	33	100	21	84	92
37	811216205003	Balambigai A	III/IT	36	90	20	80	85
38	811216205004	Bharath C	III/IT	30	100	19	76	88
39	811216205005	Boopalan K	III/IT	33	100	20	80	90
40	811216205006	Jeevamani M	III/IT	33	100	21	84	92
41	811216205007	Jeyapriya D	III/IT	36	90	21	84	87
42	811216205008	Kalaiyarasi N	III/IT	36	80	20	80	80
43	811216205009	Kanagavalli J	III/IT	30	90	21	84	87
44	811216205010	Keerthika R	III/IT	36	100	20	80	90
45	811216205011	Krishnan K	III/IT	36	90	19	76	83
46	811216205012	Muthulakshmi P	III/IT	33	100	19	76	88
47	811216205013	Nandhini C	III/IT	33	100	21	84	92
48	811216205014	Nelson	III/IT	30	90	19	76	74
49	811216205015	Parameshwari K	III/IT	33	80	20	80	80

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
50	811216205016	Poovaragavan	III/IT	33	90	19	76	83
51	811216205017	Priyadharshini A	III/IT	36	100	20	80	90
52	811216205018	Radhika M	III/IT	33	90	19	76	83
53	811216205019	Roshini A	III/IT	33	80	21	84	82
54	811216205020	Rubini K	III/IT	33	90	20	80	85
55	811216205022	Savithri S	III/IT	36	100	21	84	92
56	811216205023	Selvapathi V	III/IT	30	90	20	80	85
57	811216205024	Sivakavi S	III/IT	30	100	19	76	88
58	811216205025	Sivakumar S	III/IT	36	100	20	80	90
59	811216205026	Thanisha S	III/IT	33	100	21	84	92
60	811216205027	Thasthagir S	III/IT	36	90	21	84	87
61	811216205028	Victoriyarani T	III/IT	36	80	20	80	80
62	811216205029	Vidhyasri M	III/IT	33	90	21	84	82
63	811216205030	Wasim Akram M	III/IT	33	100	20	80	90
64	811216205501	Aravindhan S	III/IT	36	90	19	76	83
65	811217205001	Anitha G	II/IT	30	100	19	76	88
66	811217205002	Balaji V	II/IT	30	100	21	84	92
67	811217205003	Gopal P	II/IT	36	90	19	76	83



S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hoursAtt ended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
68	811217205004	Hariharan S	II/IT	30	80	20	80	80
69	811217205005	Karthick A	II/IT	33	90	19	76	83
70	811217205006	Lisha Y	II/IT	36	100	20	80	90
71	811217205007	Lokeshwaran V	II/IT	33	90	19	76	83
72	811217205008	Merciya Mary A	II/IT	33	80	21	84	82
73	811217205009	Mohamed Riyaj Khan M	II/IT	33	90	20	80	85
74	811217205010	Mukesh Kanna S	II/IT	36	100	21	84	92
75	811217205011	Pakkiyalakshmi A	II/IT	30	90	20	80	85
76	811217205013	Sankar C	II/IT	30	100	19	76	88
77	811217205015	Santhiya K	II/IT	36	100	20	80	90
78	811217205016	Saranya C	II/IT	33	100	21	84	92
79	811217205017	Sudhahar S	II/IT	36	90	21	84	87
80	811217205018	Swetha K	II/IT	36	80	20	80	80


VAC Coordinator


HOD/IT



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CERTIFICATE of Participation

This is to certify that Mr/Ms. **Aishwarya.R** of IV ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.

A handwritten signature in blue ink, appearing to read 'Shankari'.

Mrs.Shankari

Project Manager

Flink Technologies

A handwritten signature in blue ink, appearing to read 'G. Baiakrishnan'.

Principal

IGCE

Dr. G. Baiakrishnan, M.E., Ph.D.,

Principal

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This is to certify that Mr/Ms. **Anitha.R** of IV ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.

Mrs.Shankari

Project Manager

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This is to certify that Mr/Ms. **Akila.N** of IV ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019** to **13th April 2019** (6days) during the Academic year 2018-2019.

Mrs.Shankari

Project Manager

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This is to certify that Mr/Ms. **Dhivya.S** of IV ...-IT.....has successfully completed the Value Added Course on "Android App Development" organized by Department of Information Technology in Association with Flink Technologies from 08th April 2019 to 13th April 2019 (6days) during the Academic year 2018-2019.


Mrs.Shankari

Project Manager

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This is to certify that Mr/Ms. **Gayathri.B** of IV ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.


Mrs. Shankari


Project Manager

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This is to certify that Mr/Ms. **Anbuselvi.R** of IV ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.

Mrs.Shankari

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This is to certify that Mr/Ms. **Bharath.C** of III ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.


Mrs. Shankari


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This is to certify that Mr/Ms. **Krishnan.K** of III ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.

Mrs.Shankari
Project Manager
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This is to certify that Mr/Ms. **Nelson** of III ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.


Mrs. Shankari

Project Manager

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CERTIFICATE of Participation

This is to certify that Mr/Ms. **Nandhini.C** of III ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.


Mrs. Shankari

Project Manager

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This is to certify that Mr/Ms. **Jeyapriya.D** of III ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019** to **13th April 2019** (6days) during the Academic year 2018-2019.

Mrs. Shankari

Project Manager

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This is to certify that Mr/Ms. **Boopalan.K** of III ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.



Mrs. Shankari

Project Manager
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Principal
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This is to certify that Mr/Ms. **Karthick.A** of II ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.


Mrs.Shankari

Project Manager
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Principal
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This is to certify that Mr/Ms. **Sankar.C** of II ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.

A handwritten signature in blue ink, appearing to read 'Shankari'.

Mrs. Shankari

Project Manager

Flink Technologies

A handwritten signature in blue ink, appearing to read 'G. Balakrishnan'.

Principal

IGCE

A handwritten signature in green ink, appearing to read 'G. Balakrishnan'.

Dr. G. Balakrishnan, M.E., Ph.D.,
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This is to certify that Mr/Ms. **Santhiya.K** of II ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.

Mrs.Shankari

Project Manager

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This is to certify that Mr/Ms. **Saranya.C** of II ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.

Mrs. Shankari

Project Manager

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This is to certify that Mr/Ms. **Swetha.K** of II ...-IT.....has successfully completed the Value Added Course on "Android App Development" organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019** to **13th April 2019** (6days) during the Academic year 2018-2019.

A handwritten signature in blue ink, appearing to read 'Shankari'.

Mrs. Shankari

Project Manager

Flink Technologies

A handwritten signature in blue ink, appearing to read 'G. Balakrishnan'.

Principal

IGCE

A handwritten signature in green ink, appearing to read 'G. Balakrishnan'.

Dr. G. Balakrishnan, M.E., Ph.D.,
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Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. **Mukesh Kanna.s** of II ...-IT.....has successfully completed the Value Added Course on “Android App Development” organized by Department of Information Technology in Association with Flink Technologies from **08th April 2019 to 13th April 2019** (6days) during the Academic year 2018-2019.


Mts. Shankari

Project Manager
Flink Technologies



Principal
IGCE



Dr. G. Balakrishnan, M.E., Ph.D.
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