

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 SCIENCE AND HUMANITIES

ACADEMIC YEAR 2020-2021 / 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)

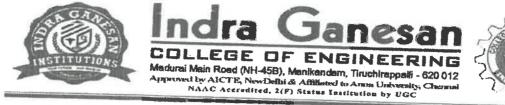
AND

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

Resource	Person:	Mana	M. Selvan nging Din , Chenna	ector,			Mr .N.Kannan Team Leader, Izone, Chennai				
Date of co	onduct from	m:	8.05.202	21	To:	12.05.2021 Duration: 30 Hour			30 Hours		
Organize	d Departm	nent:	SCIEN	CE AND	HUMA	NITIES					
Participant Year: I Year				Semest	er: EVEN No. of Students Registered:			stered:	145		
Venue:	Venue: ONLINE MODE GOOGLE MEET: https://meet						oogle.com	/dhq-udbv-hv	C		

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Department of Science and Humanities Academic Year 2020-2021 – Even Semester

05.05.2021

DEPARTMENT CIRCULAR

Department of Science and Humanities and IQAC of IGCE in Association with Izone is going to organize Value Added Course for all first year students on "Android app development" from 8.05.2021 to 12.05.2021. 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	Managing Director, Izone,, Chennai 2. Mr.N.Kannan Team Leader,
Venue	Izone,, Chennai Google meet https://meet.google.com/dhq-udbv-hvc

HOD/S&H

Cc:

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- Principal office
- IQAC Co-Ordinator
- HoD/ S&H
- Class In charges I-Year
- I-Year S&H Students
- Office File
- Notice Board

CIPAL PR



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Value Added Course

"Android app development"

SYLLABUS

S.NO	TOTRE COVERED	DURATION (in hours)	DATE	
1	JAVA Concepts	3	8.05.2021	
2	DML & DDL Queries in brief	3	8.05.2021	
3	Introduction to Android	3	9.05.2021	
4	Application Structure	3	9.05.2021	
5	Emulator-Android Virtual Device	3	10.05.2021	
6	Basic UI design	3	10.05.2021	
7	Preferences	3	11.05.2021	
8	Menu	3	11.05.2021	
9	Intent	2	12.05.2021	
0	Advance UI design	2	12.05.2021	
2	Exam	1	12.05.2021	
	Total Hours (Excluding exam)	31	-	

VAC Coordinator

& Booklan HoD/S&H

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







Value Added Course

STUDENTS PARTICIPATION LIST

"Android app development"

	S.N	O Register Number		Name		Year/ Branch		
-	1	8112202050	002	AISHWARIYA V		I/ IT		
-	2	8112202050)03	ANBAZHAGAN S				
L	3	8112202020	05	BALAMOHAN		1/ IT		
4	1	8112202050	06	BENNY A		V IT		
5	5	8112202050	07	BOOMIKA P		1/ IT		
6	j	8112202050	08	CHARULATHA B				
7	_	81122020500)9	9 CHIRANJEEVI V				
8		81122020501	0	DEEPIKA S		I/ IT I/ IT		
9		81122020501	1	DINESH M		Vл Vл		
10)	81122020501		GOWTHAM B				
11		81122020501		HARIHARAN S		VIT		
12		81122020501		HEMALATHA G		1		
13		811220205016		IEEVA M				
14		811220205017	_	EEVITHA G	_			
15		811220205018		CEERTHANA S		I/ IT		
16		811220205019		CIRUBHASHREE D		I/ IT		
17		811220205020		RISHNAN N	1/ IT			
18		811220205021	_	IAGESH G				
19	1	811220205022		AHASUVETHA M		I/ IT		
20	-	311220205023	_	ANIKANDAN M		I/ IT		
21		11220205024		EENATCHI A		I/ IT		
22	_	11220205025	-	OHANA PRIYA K		/ IT		
23	_	11220205026	_	ONISHA A		/ IT		
24	-	11220205027	-			/ IT		
25		1220205029	1	URUGESAN K		/IT		
26		1220205031		AGADHI R	1/	′п		
27		1220205030		IYANGA G	1/	П		
28		1220205030		YANGA K	1/	IT		
9	-	1220205032		JESHWARI S	1/	IT		
0	-	1220205033	_	MYA DEVI K	V	П		
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Dr. G. Balakrishnan, M.E., Ph.D., Indra Ganesan Cellege of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012. Principal



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	33	811220205	039	SHARMI A	_	I/ IT		
	34	811220205	040	SHEIK ABDULLA H		I/IT		
	35	8112202050	042	SOUNDARYA V				
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4	12	81122020504		VAISHNAVI KS				
44 81122010		81122020505		YASIKA				
		81122010301		DHARUNKUMAR R		1/ IT		
		81122010302		JUNASEELAN		I/Civil		
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51		811220103041		JDHAKAR R		I/Civil		
52		811220103046		SHWA S		I/Civil		
53		811218104002		ITH KUMAR S		I/Civil		
54		811220104003		SHAYA T		I/CSE		
55	1	811220104004		PAS ALLD		I/CSE		
56	8	811220104005		AVINDH V K	-	I/CSE		
57	8	11220104007		ISHA SIDDEEQUA A	-+	I/CSE		
58	8	11220104008		NASIR S	-+	I/CSE		
59	8	11220104012	1	INA S		I/CSE		
60	8	11220104013	DEV		-+-	I/CSE		
51	81	1220104014		VYADHARSHINI A		I/CSE		
52	81	1220104015		YAKEERTHAN P		/CSE		
63	81	1220104016		ATHRI P		/CSE		
4	81	1220104017.		NAPRAKASAM A		/CSE		
5	81	1220104018		RISANKAR G		/CSE		
6	81	1220104019		HARAN K	-	CSE		
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7	8 8112201040	39	SATHYA PRIYA N		I/CSE
7	9 8112201040	41	SIVARANJINI M		I/CSE
8	8112201040	43	SNEKA R		I/CSE
8	8112201040	45	SRIDHAR P		I/CSE
82	8112201040	46	SUMITHIRA R		I/CSE
83	81122010404	18	SWARNAMBIGAI V		I/CSE
84	8112201040	50	THIRUMAVALAVAN		I/CSE
85	81122010405	1	VINITH ROSHAN A		I/CSE
86	81122010405	2	YUVARAJ M		I/CSE
87	81122010405	3	YUVASRI S		I/CSE
89	8112201060	03 /	ANITARANI S		I/ ECE
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91	8112201060	08 I	BHARATHIDHASAN C	-	I/ ECE
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116	811220106038	SN	EGA M		ECE
117	811220106039	SO	BI AMIRTHA N		ECE
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	I/Mech	DHANUSHRAJA P	811220114013	125
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	I/Mech	GANANA SEKAR S	811220114016	127
	I/Mech	HARIHARAN M	811220114017	128
-	I/Mech	HARISH KUMAR P	811220114018	129
	I/Mech	KANISHKAVARDHINI S	811220114020	130
	I/Mech	KARTHIK RAJ M	811220114021	131
	I/Mech	KISHOR KUMAR D	811220114025	132
	I/Mech	LOGANATHAN C	811220114026	133
-	I/Mech	MANIKANDAN S	811220114028	134
-	I/Mech	MOHAMED ASHIF A	811220114032	135
-	I/Mech	SANJAY KUMAR M	811220114039	136
-	I/Mech	SANTHOSH KUMAR R	811220114040	137
-	I/Mech	SARANYA SREE T R	811220114042	138
-	I/Mech	SARAVANAN M	811220114043	139
-	I/Mech	SATHISHKUMAR V	811220114044	140
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COLLEGE OF ENGINEERING

HandliamaSelve. VAC Coordinator

&-Beobala-Hod/S&H

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







Title:	"And	droid	app development	.95		ded Cour				
Resourc	e Person:	The second se	Mr.M.Selvaraj Managing Director, Izone, Chennai				Mr.N.Kannan Team Leader, Izone, Chennai			
Date of c	conduct fro	om :	8.05.2021 To:		12.0	5.2021	Duration:	30 Hours		
Organized Department:			SCIENCE AND	HUM	ANIT	IES				
Participa	nt Year:	1	1			No. of S Register		145		
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2		Sample Photos of V	alue Added	Course	
Title:	"Android	app development"		101	
Resource	Person:	 Mr. M. Selvaraj Managing Direc Izone, Chennai Mr. N. Kannan Team Leader, Izone,, Chennai 			с. С
	aduct from :	8.05.2021 To:	12.05.2021	Duration 3	80 Hours
	Department	"Android app develop	ment"	1	_
Participant			No. of Stude	ents Registered	: 145
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Name of the Student:

Year/Sem:

AU Register Number:

Value Added Course

"Android app development"

MCO OUESTIONS (25X4 = 100 Marks)

- 1. Android is Developed by
 - (a) Apple
 - (b) Microsoft
 - (c) Google
 - (d) Android Inc

2. In Android which Directory XML Layout Files are Stored.

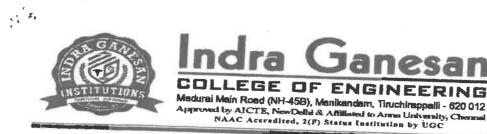
- (a) /assests
- (b) /src
- (c) /res/values
- (d) /res/layout

3. What is SDK?

- (a) Software Development Kit
- (b) Software Design kit
- (c) Serial Development Kit
- (d) Serial Design Kit
- 4. Android is a
 - (a) Web Browser
 - (b) Web Server
 - (c) An Operating System
 - (d) All of above

5. Which of the following android is licensed?

- (a) Apache/MIT
- (b) Source Forg
- (c) Both a and B
- (d) None





- 6. What are the reason for android is mainly developed?
 - (a) Mobile Devices
 - (b) Servers
 - (c) Laptops
 - (d) Desktops

7. Android is based on the following language?

- (a) Java
- (b) C+++
- (c) C
- (d) None

8. APK Stand for

- (a) Android Pakage Kit
- (b) Android Phone Kit
- (c) Android Page Kit
- (d) None of above
- 9. API Stand for
 - (a) Application Programming Interface
 - (b) Android Programming Interface
 - (c) Android Page Interface
 - (d) Application Page Interface

10. in android studio, the callback that is called when activity interaction with user is

started is

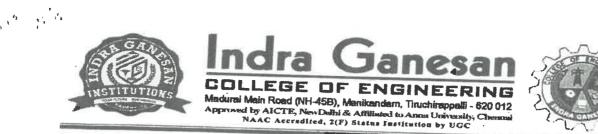
- (a) onStart
- (b) onStop
- (c) onResume
- (d) onDestory

11. a type of service provided by android that shows messages and alerts to user is

- (a) Notification
- (b) Content Providers
- (c) Activity Manager
- (d) None

12. Android Studio is _____.

- (a) Paid
- (b) Open Source
- (c) Both a and b
- (d) None



- 13. Which Programming Language Is Used For Android Application Development?
 - (a) Java
 - (b) Kotline
 - (c) Flutter
 - (d) All of above

14. Although most people's first thought when they think of Android is Google, Android is

not actually owned by Google. Who owns the Android platform?

- (a) Oracle Technology
- (b) Dalvik
- (c) Open Handset Alliance
- (d) The above statement is and Android is owned by Google

15. Android is an open source, Linux-based software stack.

- (a) True
- (b) False

16. What is the full form of OHA?

- (a) Option Handset Area
- (b) Open Handset Alliances
- (c) Original Handset Alliances
- (d) Other Handset Alliances

17. Which of the following methods is called in an Activity when another activity gets into

the foreground?

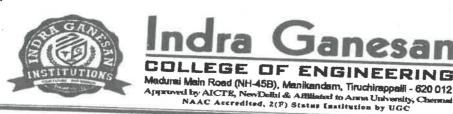
- (a) onDestroy()
- (b) onStop()
- (c) onPause()
- (d) onExit()

18. What is not true about the AndroidManifest.xml file?

- (a) It declares the views used within the application.
- (b) It declares user permissions the application requires.
- (c) It declares hardware and software features used within the application
- (d) It declares application components

19. Which of the following is NOT a valid usage for Intents?

- (a) Activate a SQLite DB Connection
- (b) Activate a Broâdcast receiver
- (c) Activate a Service
- (d) Activate and Activity





20. What is the parent class of all Activity widgets?

- (a) Layout
- (b) ViewGroup
- (c) View
- (d) Widget

21. What is an anonymous class in android?

- (a) Interface
- (b) Java Class
- (c) Manifest File
- (d) A class that does not have a name but have functionalities in it

22. When developing for the Android OS, Java byte code is compiled into what?

- (a) Java Source Code
- (b) Dalvik Application Code
- (c) Dalvik Byte Code
- (d) Source Code

23. Which of the following is incorrect about intents?

- (a) They can be used to start an Activity
- (b) They can be used to start database insertion
- (c) They can be used to start a service
- (d) They can be used to start a dialog-themed activity

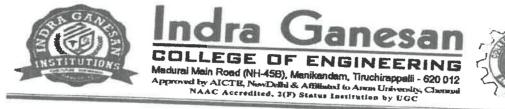
24. Which of the following Android View sub-classes uses the WebKit rendering engine to

display web pages?

- (a) MapView
- (b) PageView
- (c) WebView
- (d) HttpClient

25. What is android view group?

- (a)Collection of views and other child views
- (b) Base class of building blocks
- (c) Layouts
- (d) None of the Above



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Value Added Course

ANSWER KEY

"Android app development"

1	d	6	a	11	a	16	c	21	D
2	d	7	а	12	ь	17	C.	22	С
3	a	8	a	13	d	18	a	23	B
4	C	9	a	14	с	19	a	24	С
5	a	10	с	15	a	20	с	25	a

Hanthana Salu' AC Coordinator





Department of Science and Humanities

Academic Year 2020-2021 – Even Semester

STUDENTS ATTENDANCE LIST

Value Added Course

"Android app development"

S.NO	REGISTER					1			_						
	NUMBER	NAME	YEAR/ BRANCH	08.0	08.05.2021		09.05.2021		10.05.2021		11.05.2021		F 3694	NO OF	26166ymmildiannega
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Dr. G. Balakrishnan, M.E., Ph.D., Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.

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Madurai Main Road (NH-45B), Manikandam, Tiruchirappali - 620 012 Approact by AICTE, NewDelbi & Affiliated to Anna University, Chennal NAAC Accredited, 2(F) Status Institution by UGC

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	811220205015			P		P	Р	P	P	Р	A	Р	P	27	
	811220205016	A A A A A A A A A A A A A A A A A A A	I/ IT		P	A	P	Р	A	P	P	Р	Р		
	811220205017		I/ IT	Р	P	A	P	Р	P	A	Р	P	P	26	
		JEEVITHA G	I/ IT	P	Р	P	P	A	P	P	P	P	Р	26	
_	811220205018	KEERTHANA S	V IT	Р	P	A	P	P	P	A			1	28	
	811220205019	KIRUBHASHREE D	1/ IT	P	P	P	Р	P			P	P	P	26	
	811220205020	KRISHNAN N	I∕ IT	P	P	P			Р	A	P	P	P	29	
	811220205021	MAGESH G	there are a second and a second a	P			Р	P	P	Р	P	P	Р	30	
	811220205022		V IT	-	Р	Р	Р	Р	Р	Р	A	Р	P		
-		MAHASUVETHA M	1/ IT	P	P	Р	A	P	P	A	Р	Р	P	27	
	811220205023	MANIKANDAN M	I∕ IT	Р	Р	P	A	P	P	P	A	P	P	26	
	811220205024	MEENATCHI A	I/ IT	P	P	P	P	P	P	A				26	
	811220205025	MOHANA PRIYA K	V IT	P	P	A	P	P	-		P	P	Р	27	
	811220205026	MONISHA A	Mars Provide an other	p					A	Р	Р	Р	Р	26	
	811220205027							P	Α	Р	Р	Р	Р	27	
	011000		1/ IT	P	P	P	P	A	P	Р	P	P	P	· • • • • • • • • • • • • • • • • • • •	N-80-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
l.	011220205029	PRAGADHI R	I∕ IT	P	P	Р	A	P	P	Р	A	P	a	28	
	811220205027	MURUGESAN K PRAGADHI R	VIT VIT VIT	P P P	P P P	P P P			Р	Р					P 27 P 28



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26	811220205031	PRIYANGA G	I/ IT	P	P	P	P	P	D						
27	811220205030	PRIYANGA K	4	P				r	Р	A	P	P	Р	29	1
28	811220205032		I/ IT	P	P	Р	P	P	P	Р	P	P	P		
		RAJESHWARI S	V IT	P	P	Р	P	P	A	P	P	p	P	30	
29	811220205033	RAMYA DEVI K	I/ IT	P	Р	A	P	P	P	A				27	
30	811220205035	RASIKA A	I/ IT	Р	A	Р	P	P		A	P	P	P	26	
31	811220205036	RAVIKUMAR M	I/ IT	P	P	P	p		P	A	Р	P	Р	26	
32	811220205037	SABINATH K		P	P	A		P	A	P	Р	Р	Р	27	
33	811220205039	SHARMI A	I/ IT	P	P		P	Р	P	Р	A	P	Р	26	
34	811220205040	SHEIK ABDULLA H	I/ IT			P	P	Р	Α	Р	Р	P	Р	28	
35	Marco and the Second and Second secon	- Adaption of the spine of the	I/ IT	Р	P	P	P	Р	P	A	P	P	P		
	811220205042	SOUNDARYA V	I/ IT	P	Р	P	P	P	P	A	P	P	-	26	
36	811220205043	SRIRAM C	IJ∕ IT	Р	P	P	P	P	P			landara	P	29	
37	811220205044	SUGANYA G	I/ IT	P	P	P	p			P	P	P	Р	30	
8	811220205045	SUSHMEETHA A		P	P	P		A	P	P	P	Р	Р	27	
9	811220205046	THANASEKARAN S	I/ IT	P			A	Р	P	Р	A	P	Р	26	
0	811220205047	Verbland, dag	I/ IT		P	P	A	Р	Р	Р	A	P	Р		
		THASNEEM BEGAM Y	I/ IT	P	Р	Р	P	P	A	Р	P	Р	р	26	
1	811220205048	THIRUMENI V	I/ IT	Р	P	A	P	P	P	P		the state of the second		27	
	Balakrich							A.	£	r	A	Р	Р	26	





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42	811220205049	VAISHNAVI KS	I/ IT	P	Р	P	P	P	P						
43	811220205050	YASIKA		P	Р				P	A	P	P	P	28	1
44	811220103011		I/ IT		Triterape	A	P	P	A	P	Р	Р	P	26	
45	Brennethlinnerge	DHARUNKUMAR R	I/Civil	P	A	P	P	P	Р	Α	Р	P	Р		
	811220103020	GUNASEELAN	I/Civil	P	P	P	P	P	P	P.	A	P		26	
46	811220103024	IYYAPANMANI A	I/Civil	P	P	P	P	P	P				Р	29	
47	811220103025	KALANCHIYA MUNIYARAJ B	I/Civil	Р	P	P	P	P		Р	P	P	P	30	
48	811220103029	MANIKANDAN M		P	P				P	P	A	P	P	27	
49	811220103030	MOHANA PRIYA S	I/Civil	P		A	Р	P	P	A	P	Р	Р	26	
50	811220103032	A Description of the second	I/Civil		A	Р	P	Р	P	Р	A	Р	Р	26	
51		MUTHUSELVAM A	I/Civil	P	P	P	P	P	P	P	P	P	P		
_	811220103041	SUDHAKAR R	I/Civil	Р	Р	A	P	P	Р	P	A	P		27	
52	811220103046	VISHWA S	I/Civil	Р	P	P	Р	P	P				P	26	
53	811218104002	АЛТН KUMAR S	I/CSE	P	P	A	P			A	P	P	Р	28	
54	811220104003	AKSHAYA T	with the property in the second	P	P	-		Р	Р	Р	A	Р	Р	26	
55	811220104004	APPAS ALLD	I/CSE	P		A	P	Р	Р	Р	A	Р	P	26	
6	811220104005		I/CSE	-	Р	P	Р	Р	A	P	P	P	P	29	
No		ARAVINDH V K	I/CSE	P	Р	Р	P	P	Р	P	P	P	P		
7	811220104007	AYISHA SIDDEEQUA A	I/CSE	P	P	Р	A	P	P	P	P			30	
Dr C	Balakrich	/									r	P	Р	27	





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58	811220104008	BENASIR S	I/CSE	P	P	Р	-							a second second second	
59	811220104012		NCOF			F	A	. P	P	Р	A	P	P	26	1
(0)	100		I/CSE	P	Р	A	P	P	P	A	P	Р	P	20	
60	811220104013	DEVI K	I/CSE	P	Р	Р	P	Р	A	D			F	26	
61	811220104014	DHIVYADHARSHINI A		P	P					P	P	P	P	27	
62	811220104015	The second se	I/CSE	_		A	Р	Р	P	Р	A	Р	Р	26	
63		DIVYAKEERTHAN P	I/CSE	P	Р	P	Р	Р	A	P	P	P	P	20	
03	811220104016	GAYATHRI P	I/CSE	P	P	A	P	P	P					28	
64	811220104017	GNANAPRAKASAM A	I/CSE	P	A	P				P	A	P	Р	26	
65	811220104018	GOWRISANKAR G		P			Р	P	Р	P	A	Р	Р	26	
66		an politica and had approximate the providence of the second statement of the	I/CSE	r	Р	Р	P	A	P	Р	P	P	P		
	811220104019	HARIHARAN K	I/CSE	Р	P	Р	P	P	P	P	P	-		29	
67	811220104021	JOHN P	I/CSE	P	P	P	P	D	-		P	P	P	30	
58	811220104024	KAMALI A		P	P			Р	P	P	A	P	Р	27	
59	811220104025	Prevenue - Special and a special and a special	I/CSE	1	r	Р	A	P	P	A	P	Р	P		
		KAMATCHI S	I/CSE	Р	Р	Р	A	Р	P	P	A	p		26	
70	811220104026	KEERTHIKA N	I/CSE	P	P	P	P	A					Р	26	
71	811220104027	KIRUTHIKA M		P	P				P	P	P	Р	P	27	ullayy gay also
'2	811220104029	A incedebuges	I/CSE		-te	Р	A	P	Р	Α	P	P	P		
	170.	MATHAVAN N	I/CSE	Р	Р	P	P	Р	A	P	P	P	P	26	
3	811220104030	MILTAN A	I/CSE	P	P	P	P	Р	P			h		28	
• G 1	Balakrishnan, M	and the state of t		d			-	F	P	Р	A	P	Р	26	Consistence of the set

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74	811220104031	MONISHA R	I/CSE	Р	P	Р	A	Р	P	D		_			
75	811220104032	PRIYA P		P	P			-	۲. 	Р	A	P	Р	26	
76	· · · · · · · · · · · · · · · · · · ·		I/CSE			P	Р	A	P	P	Р	P	Р	29	
	811220104033	PRIYADHARSHINI G	I/CSE	Р	Р	Р	P	Р	P	P	P	Р	P		
77	811220104034	PRIYADHARSHINI I	I/CSE	P	P	P	P	- P	Р	Ā	P	P	-	30	
78	811220104039	SATHYA PRIYA N	I/CSE	Р	P	Р	P	A	P	P			Р	27	
'9	811220104041	SIVARANJINI M	I/CSE	P	P	P	A				P	P	P	27	
0	811220104043	SNEKA R		P	P			P .	Р	A	P	Р	Р	26	
1	811220104045	SRIDHAR P	I/CSE	- P		P	Р	P	P	A	Р	P	Р	27	by dia,
2			I/CSE		Р	A	Р	P	P	Р	A	Р	Р	26	
	811220104046	SUMITHIRA R	I/CSE	P	P	A	Р	P	Р	A	P	P	P	Processing and the second s	
3	811220104048	SWARNAMBIGAI V	I/CSE	Р	P	Р	P	P	P	A	Р	P		26	References of Color
4	811220104050	THIRUMAVALAVAN	I/CSE	Р	Р	р	A	Р	P				Р	28	
5	811220104051	VINITH ROSHAN A		P	P	A	-	1		A	Р	P	P	26	
5	811220104052	YUVARAJ M	I/CSE		1		P	A	P	Р	Р	Р	Р	26	······································
7	811220104053		I/CSE	P	Р	Р	P	A	Р	P	P	Р	Р	29	Anap.
	-	YUVASRI S	I/CSE	P	Р	P	Р	Р	Р	Р	P	P	P		
9	811220106003	ANITARANI S	I/ ECE	Р	P	Р	A	P	P	Р	P	P	P	30	
)	811220106006	BANU PRIYA G	I/ ECE	P	P	P	P	P	P	A				27	
; R	alakrishnan, M.	E DL D							-	A	P	Р	Р	27	

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91	811220106008	BHARATHIDHASAN C	I/ ECE	Р	P	P	A	Р	A	D					
92	811220106018	JANCY J	American Street Barrison Barris	P	D				A.	P	P	P	Р	26	
93	811220106019	in a constant with the first first first and the first of the first state of the first st	I/ ECE		P	Р	Р	P	Р	A	Р	Р	р	27	
0.4	······	JEEVASEN N	I/ ECE	P	P	P	Р	Р	P	A	P	P	P		
94	811220106021	KAMARAJ S	I/ ECE	P	P	P	A	P	P	A	P	P	B	28	
95	811220106022	KARTHICK C	I/ ECE	P	P	P	A	P	P	P			P	26	
96	811220106023	KARTHIKA S	I/ ECE	P	P	P	A				P	P	Р	28	
97	811220106024	KEERTHANA R	- durantar	P	P			P	A	Р	P	Р	Р	26	
98.	811220106025	KISHORE R	I/ ECE	P		A	Р	Р	P	Α	P	Р	Р	26	· · · · · · · · · · · · · · · · · · ·
9	811220106026		I/ ECE		P	Р	P	Р	P	A	Р	P	P	29	
00	And a substantial statement of the substatement of the substantial statement of the substantial stateme	KISHORE KUMAR M	I/ ECE	P	P	Р	P	Р	Р	Р	P	P	P		
00	811220106028	MANCY E	I/ ECE	P	P	Р	P	P	A	P	P	D		30	
11	811220106031	PRADHAP J	I/ ECE	P	P	P	À	P	P	1		Р	Р	27	
12	811220106032	PRASANNAA.J	I/ ECE	P	P	A	P			Р	P	P	Р	28	
13	811220106033	PREETHIKA M		P	P			Р	Р	A	Р	P	Р	26	,
14	811220106034		I/ ECE			Р	P	P	A	Р	Р	Р	Р	27	
15	104	PREMALATHA M	I/ ECE	P	Р	P	P	Р	A	Р	Р	Р	Р		
13	811220106037	SHRI HARINI PRIYA B	I/ ECE	Р	Р	Р	A	Р	Р	A	Р	P	n	_ 28	
16	811220106038	SNEGA M	I/ ECE	P	P	P	P	P					Р	26	
- 0	Balakrishan	2	" L'UE	Panyangenjunjunjunjun			1	r	P	Р	A	P	P	28	

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27

811220106039	SOBI AMIRTHA N	I/ ECE	P	P	Δ	D	D	1.						
811220106041		-						P	A	P	Р	P	26	
*****************	An an an and the second s	I/ ECE		P	A	P	P	P	A	P	Р	P		
	SUSILAN	I/ ECE	Р	Р	Р	P	Р	P	P	A	P	P		
811220106049	YOGA PRIYA R	I/ ECE	P	Р	Р	Р	P	p	D	D	-		29	
811220114001	ABINESH A S	I/Mach	P	P	P	- D					P	P	30	
811220114003	ANBARASANM		D	_				Р	A	P	Р	Р	27	
811220114005	Contractores - Monty operations and a state -	I/Mech			P	Р	P	A	P	P	Р	Р		
Subarran application of the state of the state	- Alexan repeated a second	I/Mech	P	P	A	P	P	P	A	P	P	P		×
· ************************************	BALAMURUGAN R	I/Mech	P	P	P	P	P	P	A	P	D		26	
811220114013	DHANUSHRAJA P	I/Mech	P	P	P	p	P	-				Р	27	
811220114015	DURAI PANDI A		p	p						P	P	P	28	
811220114016							P	P	Р	A	Р	Р	26	
		I/Mech	P	Р	P	Р	P	P	A	P	Р	Р		
Character and Sharps at the surgery	HARIHARAN M	I/Mech	Р	Р	Α	Р	P	P	Р	A	p	D	28	
811220114018	HARISH KUMAR P	I/Mech	Р	P	P	P	Р	P					26	
811220114020	KANISHKAVARDHINI S	I/Mech	P	P	p	D		1	1	P	Ł	P	26	
811220114021					-			P	P	A	Р	Р	29	
0.1	Providence and a second s	I/Mech		F	P	P	P	Р	Р	Р	P	P	AND CONTRACTOR OF THE OWNER	
	KISHOR KUMAR D	I/Mech	Р	Р	P	P	P	P	A	p	p	P	30	
	811220106041 811220106042 811220106049 811220114001 811220114003 811220114003 811220114003 811220114003 811220114003 811220114003 811220114013 811220114015 811220114016 811220114017 811220114018 811220114020 811220114021	811220106042 SUSILA N 811220106049 YOGA PRIYA R 811220114001 ABINESH A S 811220114003 ANBARASAN M 811220114005 ARUNKUMAR M 811220114005 ARUNKUMAR M 811220114005 DHANUSHRAJA P 811220114013 DHANUSHRAJA P 811220114015 DURAI PANDI A 811220114016 GANANA SEKAR S 811220114017 HARIHARAN M 811220114018 HARISH KUMAR P 811220114020 KANISHKAVARDHINI S 811220114021 KARTHIK RAJ M	811220106041 SUNIL KUMAR B I/ ECE 811220106042 SUSILA N I/ ECE 811220106049 YOGA PRIYA R I/ ECE 811220114001 ABINESH A S I/Mech 811220114003 ANBARASAN M I/Mech 811220114005 ARUNKUMAR M I/Mech 811220114015 DURAI PANDI A I/Mech 811220114016 GANANA SEKAR S I/Mech 811220114017 HARIHARAN M I/Mech 811220114018 HARISH KUMAR P I/Mech 811220114020 KANISHKAVARDHINI S I/Mech 811220114021 KARTHIK RAJ M 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133	811220114026	LOGANATHAN C	I/Mech	P	P	Р	P	A	Р	P	10			·	
134	811220114028	MANIKANDAN S		Р	-					r	Р	P	P	28	
100		Madana - galadddarar rynyyga Schaldwr y byddarfar y sawray yn yw aran argyrda	I/Mech	r	A	P	P	P	Α	Р	Р	Р	Р	26	
135	811220114032	MOHAMED ASHIF A	I/Mech	P	Р	Р	P	P	A	P	Р	P	P	20	
136	811220114039	SANJAY KUMAR M	I/Mech	P	P	P	P	P	A	73		_		27	
137	811220114040	SANTHOSH KUMAR R		P	P					P	P	P	Р	28	
138	1		I/Mech	L.	P	A	P	P	A	P	P	P	Р	26	
130	811220114042	SARANYA SREE T R	I/Mech	P	P	Р	Р	Р	P	Ā	P	P	р	20	
139	811220114043	SARAVANAN M	I/Mech	P	P	A	P	р	A	P	-			28	
140	811220114044	SATUROUTIZAD (15 T		D				1	A	P	P	P	P	26	
1.4.1		SATHISHKUMAR V	I/Mech	P	P	P	P	Р	P	P	Р	Р	P	0.0	
141	811220114047	SHEIK AMEER M	I/Mech	P	Р	Р	A	P	Р	P	P	P	P	26	
142	811220114052	THAMARAISELVAN K	I/Mech	P	P	P	P	P	D	Th			r	29	
143	811220114055	· ····································	I men managementer	Р	-				P	P	P	P	P	30	
	and and approximately a	VELMURUGAN M	I/Mech	r	P	P	A	Р	Р	Р	Р	Р	Р	27	
144	811220114056	VIGNESWARAN K	I/Mech	P	Р	A	P	P	P	P	P	P	P	21	
145	811220114057	VIJAYA KUMAR G	TAA	Р	P	A	P	Р	D	-			F	28	
			I/Mech				Ľ	P	P	P	A	Р	P	26	

gombionraseli'

VAC Coordinator

HoD/S&H



Department of Science and Humanities

Academic Year 2020-2021 – Even Semester

VALUE ADDED COURSE ASSESMENT SHEET

"Android app development"

S.NO	REGISTER NUMBER	STUDENT NAME	YEAR/	Attenda	nce Details	VAC-MC	Q TEST	OVERALL MARK (100)
			BRANCH	No. of Session Attended	Attendance Mark(100)	No of Correct	MCQ Mark(10	(50% of A + 50% of B)
1	811220205002	AISHWARIYA V	5.4		(A)	Answers	0) (B)	~)
2	811220205003	ANBAZHAGAN S	I/ IT	28	85	19	76	
3	811220202005	Addating and seems . For a range basedownings - madd a promy block databases - 5 d f databases	I/ IT	29	88	Man of the second second second second		80
4	811220205006	BALAMOHAN	I/IT	30	91	20	80	84
5	Weather and party and claims by parts at they be:	BENNY A	I/ IT	27		18	72	81
9708kan	811220205007	BOOMIKA P	VIT		82	21	84	83
6	811220205008	CHARULATHA B		26	79	18	72	
7	811220205009	CHIRANJEEVI V	1/IT	26	79	18	72	75
8	811220205010	And a development of the second of the secon	1/ IT	28	85			75
		DEEPIKA S	I/ IT	26	79	19	76	80
	alakrishnan MF Ph	Verture of the second se	And the additional of the property of the second se		17	18	72	75



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9	811220205011	DINESH M	wanter and the state of the sta					Service and the second s
10	811220205012	GOWTHAM B	I/ IT	29	88	20	00	
11	811220205014		I/IT	30	91	20	80	84
12	811220205015	HARIHARAN S	I/ IT	27	82	18	72	81
13	811220205016	HEMALATHA G	1/ IT	26	79	21	84	83
14	811220205017	JEEVA M	1/ IT	26	79	18	72	75
15	811220205018	JEEVITHA G	I/IT	28		18	72	75
16		KEERTHANA S	1/IT	26	85	19	76	80
17	811220205019	KIRUBHASHREE D	V IT	Marrielly - respects - Observes - risks -	79	18	72	75
17	811220205020	KRISHNAN N	V IT	29	88	20	80	84
	811220205021	MAGESH G	1/ IT	30	91	18	72	المؤكومين مدينية في ولارت بالتركية والكوب الم في معرف المركز المركز المركز المركز المركز المركز المركز
19	811220205022	MAHASUVETHA M	I/IT	27	82	21	84	81
20	811220205023	MANIKANDAN M		26	79	18	72	83
21	811220205024	MEENATCHI A	I/ IT	26	79	18	72	75
22	811220205025	MOHANA PRIYA K	I/ IT	27	82	21	84	75
23	811220205026	MONISHA A	1/ IT	26	79	18	72	83
24	811220205027	MURUGESAN K	I/ IT	27	82		Baller and the second s	75
25	811220205029	PRAGADHI R	I/ IT	28	85	21	84	83
26	811220205031	and the second standard and the second standard and the second standard st	I/ IT	26	79	19	76	80
27	811220205030	PRIYANGA G	I/ IT	29	88	18	72	75
28	811220205032	PRIYANGA K	I/ IT	30	91	20	80	84
29	811220205033	RAJESHWARI S	I/ IT	27	82	18	72	81
30	811220205033	RAMYA DEVI K	I/ IT	26		21	84	83
	011220205035	RASIKA A	I/ IT	26	79	18	72	75
2	Delal III III			20	79	18	72	









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31	811220205036	RAVIKUMAR M	10 - 4	*****				
32	811220205037	SABINATH K	1/ IT	27	82			
33	811220205039	SHARMI A	I/IT	26	79	21	84	83
34	811220205040		I/IT	28	85	18	72	75
35	811220205042	SHEIK ABDULLA H	I/ IT	26	79	19	76	80
36	811220205043	SOUNDARYA V	I/ IT	29	88	18	72	75
37	811220205044	SRIRAM C	I/ IT	30	91	20	80	84
38	811220205045	SUGANYA G	I/ IT	27		18	72	81
39	811220205046	SUSHMEETHA A	1/ IT	26	82	21	84	83
40	811220205047	THANASEKARAN S	1/IT	26	79	18	72	75
41	811220205048	THASNEEM BEGAM Y	VIT	27	79	18	72	75
42	811220205049	THIRUMENI V	I/ IT	26	82	21	84	83
43		VAISHNAVI KS	VIT	28	79	18	72	75
44	811220205050	YASIKA	1/ IT	Chine and the second se	85	19	76	80
45	811220103011	DHARUNKUMAR R	I/Civil	26	79	18	72	75
46	811220103020	GUNASEELAN	I/Civil	26	79	18	72	14
	811220103024	IYYAPANMANI A	I/Civil	29	88	20	80	75
47	811220103025	KALANCHIYA MUNIYARAJ B	the mail without articles a	30	91	18	72	84
48	811220103029	MANIKANDAN M	I/Civil	27	82	21	84	81
49	811220103030	MOHANA PRIYA S	I/Civil	26	79	18	72	83
50	811220103032	MUTHUSELVAM A	I/Civil	26	79	18	72	75
51	811220103041	SUDHAKAR R	I/Civil	27	82	21	84	75
52	811220103046	VISHWA S	I/Civil	26	79	18	72	83
			I/Civil	28	85	18		75
				And a state of the	Welder Presentation in	19	76	







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				No. of Concession, name of				
53	811218104002	AJITH KUMAR S		and the segment		Contraction of the local division of the loc		
54	811220104003	AKSHAYA T	I/CSE	26	79			
55	811220104004	APPAS ALLD	I/CSE	26	79	18	72	75
56	811220104005	Advant	I/CSE	29	88	18	72	75
57	811220104007	ARAVINDH V K	I/CSE	30	91	20	80	84
58	811220104008	AYISHA SIDDEEQUA A	I/CSE	27	and an and a strend str	18	72	81
59	811220104012	BENASIR S	I/CSE	26	82	21	84	83
60	811220104013	CIBINA S	I/CSE	26	79	18	72	75
61	811220104013	DEVIK	I/CSE	20	79	18	72	75
62	811220104015	DHIVYADHARSHINI A	I/CSE		82	21	84	
63		DIVYAKEERTHAN P	I/CSE	26	79	18	72	83
64	811220104016	GAYATHRI P	I/CSE	28	85	19	76	75
65	811220104017	GNANAPRAKASAM A	- Uchan and a star	26	79	18	72	80
	811220104018	GOWRISANKAR G	I/CSE	26	79	18	72	75
66	811220104019	HARIHARAN K	I/CSE	29	88	20	The set land and a stand of st	75
67	811220104021	JOHN P	I/CSE	30	91		80	84
68	811220104024	KAMALIA	I/CSE	27	82	18	72	81
69	811220104025	KAMATCHI S	I/CSE	26	79	21	84	83
70	811220104026	KEERTHIKA N	I/CSE	26	79	18	72	75
71	811220104027	KIRUTHIKA M	I/CSE	27	82	18	72	75
72	811220104029	A start of proceeding and a start of the sta	I/CSE	26	79	21	84	83
73	811220104030	MATHAVAN N	I/CSE	28	85	18	72	75
74	811220104031	MILTAN A	I/CSE	26	79	19	76	80
	(5.2	MONISHA R	I/CSE	26	79	18	72	75
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Dr. G. Balakrishnan, M.E., Ph.D., Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.



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

Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Roat Manikandam, Trichy-620 012.



Indra Ganesan



COLLEGE OF ENGINEERING Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012 Approved by AICTE, NewDelhi & Affilibuted to Anna University, Chennal NAAC Accredited, 2(V) Status Institution by UGC

98	811220106025	KISHORE R						
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112		PRADHAP J	I/ ECE	28	85	21	84	83
113	811220106032	PRASANNAA.J	I/ ECE	26		19	76	80
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114	811220106034	PREMALATHA M	I/ ECE	27	82	21	84	83
115	811220106037	SHRI HARINI PRIYA B		28	85	19	76	80
116	811220106038	SNEGA M	I/ ECE	26	79	18	72	
117	811220106039	SOBI AMIRTHA N	I/ ECE	28	85	19	76	75
118	811220106041	SUNIL KUMAR B	I/ ECE	26	79	18	72	80
119	811220106042	SUSILA N	I/ ECE	26	79	18	NTO 1 - Company in call the specific and	75
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121	811220114001	YOGA PRIYA R	I/ ECE	30	91	20	80	84
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123	811220114005	ARUNKUMAR M	I/Mech		85	19	76	80
124	811220114008	BALAMURUGAN R	In the operation of the second s	26	79	18	72	75
125	811220114013	DHANUSHRAJA P	I/Mech	27	82 -	21	84	
126	811220114015	DURAI PANDI A	I/Mech	28	85	19	76	83
127	811220114016	GANANA SEKAR S	I/Mech	26	79	18	72	80
128	811220114017		I/Mech	28	85	19	76	75
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130	811220114020	KANISHKAVARDHINI S	1/6.4					
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133	811220114026	KISHOR KUMAR D	I/Mech	27	82	21	84	81
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135	811220114032	MOHAMED ASHIF A	I/Mech	27		18	72	75
136	811220114039	SANJAY KUMAR M	I/Mech	All Managements of the second states and	82	21	84	83
137	811220114040	SANTHOSH KUMAR R		28	85	19	76	80
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140	811220114044	SARAVANAN M	I/Mech	26	79	18	72	80
141	and the provide the second	SATHISHKUMAR V	I/Mech	26	79			75
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142	811220114052	THAMARAISELVAN K	I/Mech	30		20	80	84
143	811220114055	VELMURUGAN M	I/Mech		91	18	72	81
144	811220114056	VIGNESWARAN K	The Party of the P	27	82	21	84	83
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Dr. G. Balakrishnan, M.E., Ph.J., **Principal** Indra Ganesan College of Engineering IG Valley, Madurai Main Road

Manikandam, Trichy-620 012.





This is to certify that **MR. DINESH M**, I Year, IT has successfully completed the Value Added Course on "**ANDROID APP DEVELOPMENT**" **Organized** by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

Izone, M. Relverg

Mr.M. Selvaraj Managing Director



This is to certify that **MR. SUDHAKAR R**, I Year, Civil has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

Izone, Izone,

Mr.M. Selvaraj Managing Director





This is to certify that MR. ARAVINDH VK, I Year, CSE has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

Izone,

Mr.M. Selvaraj Managing Director



This is to certify that MR. SHEIK AMEER, I Year, Mech has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M-schwargi Izone,

Izone, Mr.M. Selvaraj Managing Director

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



This is to certify that **MR. KAMARAJ S**, I Year, ECE has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" **Organized** by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M. selvarger

Izone, Mr.M. Selvaraj Managing Director

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





(i)

CERTIFICATE OF PARTICIPATION

This is to certify that **MR. JEEVASEN N**, I Year, ECE has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" **Organized** by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M. selionaje

Izone, Mr.M. Selvaraj Managing Director

Principa



This is to certify that MR. GOWRI KRISHNAN N, I Year, CSE has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

Mr.M. Selvaraj Managing Director

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



This is to certify that MR. GNANA PRAKASH, I Year, CSE has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M. selvarij Izone,

Izone, Mr.M. Selvaraj Managing Director

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





This is to certify that MR. DEVI K, I Year, CSE has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M.selvoraj Izone,

Izone, Mr.M. Selvaraj Managing Director

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

Principa





This is to certify that **MR. VISHWA S**, I Year, CIVIL has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" **Organized** by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M. selvarg

Izone, Mr.M. Selvaraj Managing Director







This is to certify that MR. DHARUN KUMAR R, I Year, CIVIL has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M. Selvoraj

Izone, Mr.M. Selvaraj Managing Director









This is to certify that Ms. MEENATCHI A, I Year, IT has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M-Selon Rig Izone,

Izone, Mr.M. Selvaraj Managing Director







This is to certify that **MR. KRISHNAN N**, I Year, IT has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" **Organized** by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M. Selvassij Izone,

Mr.M. Selvaraj Managing Director





This is to certify that MR. CHIRAN JEEVIN, I Year, IT has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M. selvorej Izone,

Izone, Mr.M. Selvaraj Managing Director





This is to certify that **MR. BENNY A**, I Year, IT has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" **Organized** by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M.Sebar Izone,

Izone, Mr.M. Selvaraj Managing Director



This is to certify that MR. KISHORE, I Year, ECE has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M.selvary Izone,

Izone, Mr.M. Selvaraj Managing Director

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



This is to certify that MR. MILTON A, I Year, CSE has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021 (5days) during the Academic year 2020-2021.

M. selung

Izone, Mr.M. Selvaraj Managing Director

Principal



This is to certify that MR. MAHESH G, I Year, IT has successfully completed the Value Added Course on "ANDROID APP DEVELOPMENT" Organized by Department of Science and Humanities and IQAC of our Institution in Association with from 08th MAY 2021 to 12th MAY 2021(5days) during the Academic year 2020-2021.

M. Selvarej

Izone, Mr.M. Selvaraj Managing Director



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Year/Sem: I/I

Name of the Student:

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Dinesh.M

Value Added Course

"Android app development"

MCO QUESTIONS (25X4 = 100 Marks)



- 1. Android is Developed by _____. (a) Apple
 - (b) Microsoft
 - (c) Google
 - (d) Android Inc

2. In Android which Directory XML Layout Files are Stored.

- (a) /assests
- (b) /src
- (c)/res/values
- (d) /res/layout

3. What is SDK?

- (a) Software Development Kit
- (b) Software Design kit
- (c) Serial Development Kit
- (d) Serial Design Kit

4. Android is a _

(a) Web Browser
(b) Web Server
(c) An Operating System
(d) All of above

- 5. Which of the following android is licensed?
 - (a) Apache/MIT
 - (b) Source Forg
 - (c) Both a and B
 - (d) None

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- 6. What are the reason for android is mainly developed?
 - (a) Mobile Devices
 - (b) Servers
 - (c) Laptops
 - (d) Desktops

7. Android is based on the following language?

- (a) Java
- (b) C++
- (c) C
- (d) None
- 8. APK Stand for
 - (a) Android Pakage Kit
 - (b) Android Phone Kit
 - (c) Android Page Kit
 - (d) None of above

9. API Stand for

- (a) Application Programming Interface
- (b) Android Programming Interface
- (c) Android Page Interface
- (d) Application Page Interface

10. in android studio, the callback that is called when activity interaction with user is

started is

- (a) onStart
- (b) onStop
- (c) onResume
- (d) onDestory

11. a type of service provided by android that shows messages and alerts to user is

- (a) Notification
- (b) Content Providers
- (c) Activity Manager
- (d) None

12. Android Studio is

- (a) Paid
- (b) Open Source
- (c) Both a and b
- (d) None



- 13. Which Programming Language Is Used For Android Application Development?
 - (a) Java
 - (b) Kotline
 - (c) Flutter
 - (d) All of above

14. Although most people's first thought when they think of Android is Google, Android is

not actually owned by Google. Who owns the Android platform?

- (a) Oracle Technology
- (b) Dalvik
- © Open Handset Alliance
- (d) The above statement is and Android is owned by Google

15. Android is an open source, Linux-based software stack.

- (a) True
- (b) False



16. What is the full form of OHA?

- (a) Option Handset Area
- (b) Open Handset Alliances
- © Original Handset Alliances
- (d) Other Handset Alliances

17. Which of the following methods is called in an Activity when another activity gets into

the foreground?

- (a) onDestroy()
- (b) onStop()
- (c) onPause()
- (d) onExit()

18. What is not true about the AndroidManifest.xml file?

(a) It declares the views used within the application.

- (b) It declares user permissions the application requires.
- (c) It declares hardware and software features used within the application
- (d) It declares application components 🖌

19. Which of the following is NOT a valid usage for Intents?

- (a) Activate a SQLite DB Connection
- (b) Activate a Broâdcast receiver
- (c) Activate a Service
- (d) Activate and Activity

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20. What is the parent class of all Activity widgets?

- (a) Layout
- (b) ViewGroup
- (c) View
- (d) Widget

21. What is an anonymous class in android?

- (a) Interface
- (b) Java Class
- (c) Manifest File
- (d) A class that does not have a name but have functionalities in it

22. When developing for the Android OS, Java byte code is compiled into what?

- (a) Java Source Code
- (b) Dalvik Application Code
- c) Dalvik Byte Code
- (d) Source Code

23. Which of the following is incorrect about intents?

- (a) They can be used to start an Activity
- (b) They can be used to start database insertion
- (c) They can be used to start a service
- (d) They can be used to start a dialog-themed activity

24. Which of the following Android View sub-classes uses the WebKit rendering engine to

display web pages?

- (a) MapView
- (b) PageView
- (c) WebView
- (d) HttpClient

25. What is android view group?

(a)Collection of views and other child views

- (b) Base class of building blocks
- (c) Layouts
- (d) None of the Above