

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)

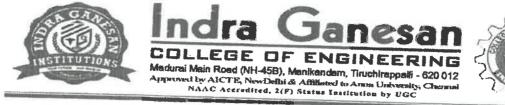
AND

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

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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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| | 32 | 811220205 | | Accredited. 2(F) Status Institut | tion b | y DGC | | |
| | 33 | 811220205 | 039 | SHARMI A | _ | I/ IT | | |
| | 34 | 811220205 | 040 | SHEIK ABDULLA H | | I/IT | | |
| | 35 | 8112202050 | 042 | SOUNDARYA V | | | | |
| | 36 | 8112202050 |)43 | SRIRAM C | | | | |
| | 37 | 8112202050 | 44 | SUGANYA G | | VIT | | |
| L | 38 | 8112202050 | 45 | SUSHMEETHA A | | | | |
| | 39 | 8112202050 | 46 · | THANASEKARAN S | | 1/17 | | |
| Ŀ | 40 | 81122020504 | 47 | THASNEEM BEGAM) | 7 | | | |
| L | 41 8112202050 | | 18 | THIRUMENI V | | I/IT | | |
| 4 | 12 | 81122020504 | | VAISHNAVI KS | | | | |
| 44 81122010 | | 81122020505 | | YASIKA | | | | |
| | | 81122010301 | | DHARUNKUMAR R | | 1/ IT | | |
| | | 81122010302 | | JUNASEELAN | | I/Civil | | |
| 4 | 6 | 811220103024 | | YYAPANMANI A | | I/Civil | | |
| 4 | 7 | 811220103025 | K | ALANCHIYA | | l/Civil | | |
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| 49 | | | | OHANA PRIYA S | | I/Civil | | |
| 50 | | 811220103032 | | UTHUSELVAM A | | I/Civil | | |
| 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 | | |
| 7 | 811 | | JOHN | | - | CSE | | |
| 3 | 811 | | _ | ALIA | | CSE | | |
| > | 811 | | _ | ATCHI S | + | CSE | | |
|) | 811 | | | THIKAN | - | | | |
| | 811 | | | ГНІКА М | - | CSE CSE | | |

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| , | 73 811220104 | 030 | MILTAN A | | I/CSE |
| L | 4 811220104 | 031 | MONISHA R | | I/CSE |
| 1 | 5 811220104 | 032 | PRIYA P | | I/CSE |
| 7 | 6 811220104 |)33 | PRIYADHARSHINI G | | I/CSE |
| 7 | 7 8112201040 |)34 | PRIYADHARSHINI I | | I/CSE |
| 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 |
| 90 | 8112201060 | 06 | BANU PRIYA G | | I/ ECE |
| 91 | 8112201060 | 08 I | BHARATHIDHASAN C | - | I/ ECE |
| 92 | 8112201060 | 18 . | JANCY J | - | I/ ECE |
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| 94 | 81122010602 | 21 K | (AMARAJ S | | I/ ECE |
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| 97 | 81122010602 | | EERTHANA R | | / ECE |
| 98 | 81122010602 | 5 K | ISHORE R | 1 | / ECE |
| 99 | 81122010602 | 6 K | ISHORE KUMAR M | | / ECE |
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| 111 | 81122010603 | I PF | RADHAP J | | 'ECE |
| 112 | 811220106032 | ? PF | RASANNAA.J | | ECE |
| 113 | 811220106033 | PF | REETHIKA M | | ECE |
| 114 | 811220106034 | PF | REMALATHA M | 1/ | ECE |
| 115 | 811220106037 | SH | IRI HARINI PRIYA B | | ECE |
| 116 | 811220106038 | SN | EGA M | | ECE |
| 117 | 811220106039 | SO | BI AMIRTHA N | | ECE |
| 118 | 811220106041 | SU | NIL KUMAR B | | ECE |
| 119 | 811220106042 | SU | SILAN | | ECE |
| 120 | 811220106049 | YO | GA PRIYA R | - | CE |
| 121 | 811220114001 | AB | NESH A S | | lech |
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COLLEGE OF ENGINEERING





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| | I/Mech | BALAMURUGAN R | 811220114008 | 124 |
| | I/Mech | DHANUSHRAJA P | 811220114013 | 125 |
| - | I/Mech | - DURAI PANDI A | 811220114015 | 126 |
| | 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 |
| 1 | I/Mech | SHEIK AMEER M | 811220114047 | 141 |
| 1 | I/Mech | THAMARAISELVAN K | 811220114052 | 142 |
| | I/Mech | VELMURUGAN M | 811220114055 | 143 |
| | I/Mech | VIGNESWARAN K | 811220114056 | 144 |
| | I/Mech | VIJAYA KUMAR G | 811220114057 | 145 |

Indra

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COLLEGE OF ENGINEERING

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&-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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| Outco | me of Va | lue A | dded Course (VA | C): At | the en | d of the (| Course Stude | nte con abla | | |
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| . Apply . | Java prog | ramn | ning concepts to | | iu app | neation (| levelopment. | | | |
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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.

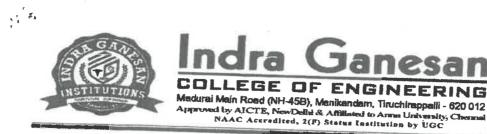
- (a) /assests
- (b) /src
- (c) /res/values
- (d) /res/layout

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

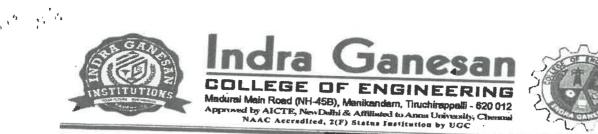
- (a) onStart
- (b) onStop
- (c) onResume
- (d) onDestory

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?

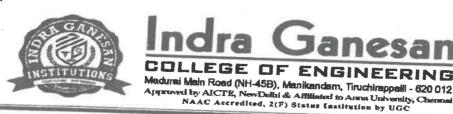
- (a) onDestroy()
- (b) onStop()
- (c) onPause()
- (d) onExit()

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

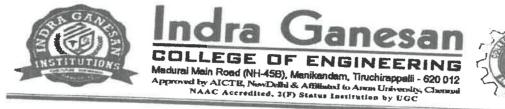
24. Which of the following Android View sub-classes uses the WebKit rendering engine to

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 |
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| 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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| | | AISHWARIYA V | I/ IT | P | Р | Р | P | P | P | FN | AN | FN | AN | ATTENDED | ONLIN |
| 2 | 811220205003 | ANBAZHAGAN S | T / TON | P | P | 1 | - | | 1 | A | Р | P | P | 28 | With Street and Street |
| 3 | 811220202005 | Contraction of the second seco | I/ IT | | r | Р | Р | P | A | P | P | Р | P | | |
| | 811220202005 | BALAMOHAN | I/ IT | P | P | Р | P | Р | P | - | | | - | .29 | |
| 4 | 811220205006 | BENNY A | | D | - | | | T | r | P | P | Р | P | 30 | |
| 5 | 91100000000 | | I/ IT | Р | Р | Р | Р | P | P | A | P | P | P | 50 | |
| | 811220205007 | BOOMIKA P | I∕ IT | P | Р | Р | P | - | D | | | - | r | 27 | |
| 5 | 811220205008 | CHARULATHA B | | | | | | A | P | Р | A | Р | Р | 24 | |
| | | CITAROLATHA B | 1/ IT | Р | Р | A | Р | P | p | A | P | P | P | 26 | |
| | 811220205009 | CHIRANJEEVI V | 1/ IT | P | P | Р | P | D | | | <u>^</u> | r | P | 26 | |
| | 811220205010 | DEEDIKAA | | | | x | r | Р | Р | Α | P | Р | P | | |
| | | DEEPIKA S | I/ IT | P | Р | Р | P | Р | P | P | A | | | 28 | |
| | 811220205011 E | DINESH M | T/ PT | P | P | n | | | | * | A | Р | P | 26 | |
| | THE | | 1/11 * | | r | Р | P | P | A | P | P | P | P | | Three |
| D | r. G. Balakrish | han. M.E. Ph.D. | | Andrewsky Phantometrics | | | | 2 Algar | | | | | - | 29 | |

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| | 811220205012 | GOWTHAM B | I/ IT | P | P | P | P | P | | | | | | | |
|----|--------------|---------------------------------------|---|-------------|-------------|-------------|---|---|---|---|---|---|---|---|---|
| | 811220205014 | HARIHARAN S | The California and the California and the | P | - P | | | | | P | P | Р | P | 30 | |
| | 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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| 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 | |
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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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| 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 | |
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| 4 | 811220205006 | BALAMOHAN | I/IT | 30 | 91 | 20 | 80 | 84 |
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| 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 |
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| 9 | 811220205011 | DINESH M | wanter and the state of the sta | | | | | Service and the second s |
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| 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 |
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| 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 |
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| 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 |
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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 |
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| 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 |
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| 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 |
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| 59 | 811220104012 | BENASIR S | I/CSE | 26 | 82 | 21 | 84 | 83 |
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| 61 | 811220104013 | DEVIK | I/CSE | 20 | 79 | 18 | 72 | 75 |
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| 63 | | DIVYAKEERTHAN P | I/CSE | 26 | 79 | 18 | 72 | 83 |
| 64 | 811220104016 | GAYATHRI P | I/CSE | 28 | 85 | 19 | 76 | 75 |
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| 66 | 811220104019 | HARIHARAN K | I/CSE | 29 | 88 | 20 | The set land and a stand of st | 75 |
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| 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 |
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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.



Indra Ganesan College of Engineering Madurai Main Road (NH-45B), Manikandam, Tinuchirappalit - 620 012 Approved by AICTE, NewDelbi & Affiliated to Arona University, Chemaal NAAC Accredited, 2(K) Status Institutions by UGC

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

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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

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| 113 | 811220106032 | PRASANNAA.J | I/ ECE | 26 | | 19 | 76 | 80 |
| | 811220106033 | PREETHIKA M | I/ ECE | | 79 | 18 | 72 | 75 |
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| 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 |
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| 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 |
| 129 | 811220114018 | HARIHARAN M | I/Mech | 26 | 79 | | Dimension. | 80 |
| | | HARISH KUMAR P | I/Mech | 26 | 79 | 18 | 72 | 75 |
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| 131 | 811220114021 | KARTHIK RAJ M | I/Mech | 29 | 88 | 20 | 80 | D.A. |
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| 142 | 811220114052 | THAMARAISELVAN K | I/Mech | 30 | | 20 | 80 | 84 |
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| 145 | 811220114057 | VIJAYA KUMAR G | I/Mech | 28 | 85 | 19 | 76 | 80 |
| | T. | | I/Mech | 26 | 79 | 18 | 72 | 75 |

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

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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

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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.

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M. selung

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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.

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Year/Sem: I/I

Name of the Student:

AU Register Number:

811220205011

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