



# Indra Ganesan

## COLLEGE OF ENGINEERING

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

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

# NAAC DOCUMENTS

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## QUALITY INDICATOR FRAME WORK

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### CRITERION – 2

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## TEACHING-LEARNING AND EVALUATION

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SUBMITTED BY

# IQAC

INTERNAL QUALITY ASSURANCE CELL

**INDRA GANESAN COLLEGE OF ENGINEERING**





<b>Criteria2</b>	<b>Teaching-Learning and Evaluation</b>	<b>350</b>
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**KeyIndicator-2.3.Teaching-Learning Process (40)**

**2018-2019**

**PARTICIPATIVE LEARNING  
INFORMATION TECHNOLOGY**

<b>Activity</b>	<b>NumberofStudents Attended</b>	<b>Page No.</b>
<b>Value Added Course(VAC)</b>	<b>160</b>	<b>3</b>
<b>TOTAL STUDENTS ATTENDED</b>	<b>160</b>	<b>-</b>



**Criteria2**

**Teaching-Learning and Evaluation**

**350**

**KeyIndicator-2.3.Teaching-Learning Process (40)**

**2018-2019**

**INFORMATION TECHNOLOGY**

**PARTICIPATIVE LEARNING**

**VALUE ADDED COURSE**





# Indra Ganesan

**COLLEGE OF ENGINEERING**  
Madurai Main Road (NH-45B), Manikandam, Trichy-12.  
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Department of Information Technology

Academic Year 2018-2019 –ODD Semester

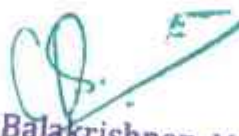
11.12.2018

## DEPARTMENT CIRCULAR

Department of Information Technology in association with Marcello Tech, Chennai is going to organize Value Added Course for all Second, Third and Final year students on “Future of AI&ML in Information Technology” from 17.12.2018 to 22.12.2018 Certificates will be issued to the eligible participants at the end of the Course. This training is to be provided in our campus.

Resource Person Detail	1.Mr.M.SenthilKumar, Chief Executive Officer Marcello Tech, Chennai.  2.Mr.Pradeep Kumar Chief Executive Officer Marcello Tech, Chennai.
Venue	IT Seminar Hall, IGCE

  
HOD/IT

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

  
PRINCIPAL

Cc:

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



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## Value Added Course

“Future of AI&ML in Information Technology”

### SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE
1	Introduction to artificial Intelligence	3	17.12.18
2	Foundations of Artificial Intelligence,	3	17.12.18
3	History of Artificial Intelligence	3	18.12.18
4	Informed (Heuristic) Search Strategies	3	18.12.18
5	Local Search and Optimization Problems.	3	19.12.18
6	Heuristic Alpha-Beta Tree Search	3	19.12.18
7	Partially Observable Games	3	20.12.18
8	Knowledge Engineering in First-Order Logic	3	20.12.18
9	Knowledge Engineering in First-Order Logic	3	21.12.18
10	Reasoning with Default Information	3	21.12.18
11	Planning and Acting in Nondeterministic Domains	3	22.12.18
12	Analysis of Planning Approaches	2	22.12.18
13	Exam	1	22.12.18
Total Hours (Excluding Exam)		36	-

  
VAC Coordinator

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

  
HOD/IT



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## Value Added Course

**“Future of AI&ML in Information Technology”**

### STUDENTS PARTICIPATION LIST

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

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Principal

Indra Ganesan College of Engineering

IG Valley, Madurai Main Road

Manikandam, Trichy-620 012.

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



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

VAC Coordinator

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HOD/IT





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Name of the Student: Ashila Banu - M

Year/Sem:

AU Register Number: 811215205007

14  
17  
-----  
25

## Value Added Course

**"Future of AI&ML in Information Technology"**

**MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)**

1. What is the full form of "AI"?
  - a) Artificially Intelligent
  - b) Artificial Intelligence
  - c) Artificially Intelligence
  - d) Advanced Intelligence
2. What is Artificial Intelligence?
  - a) Artificial Intelligence is a field that aims to make humans more intelligent
  - b) Artificial Intelligence is a field that aims to improve the security
  - c) Artificial Intelligence is a field that aims to develop intelligent machines
  - d) Artificial Intelligence is a field that aims to mine the data
3. Who is the inventor of Artificial Intelligence?
  - a) Geoffrey Hinton
  - b) Andrew Ng
  - c) John McCarthy
  - d) Jürgen Schmidhuber
4. Which of the following is the branch of Artificial Intelligence?
  - a) Machine Learning
  - b) Cyber forensics
  - c) Full-Stack Developer
  - d) Network Design
5. What is the goal of Artificial Intelligence?
  - a) To solve artificial problems
  - b) To extract scientific causes
  - c) To explain various sorts of intelligence
  - d) To solve real-world problems

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6. Which of the following is an application of Artificial Intelligence?  
a) It helps to exploit vulnerabilities to secure the firm  
b) Language understanding and problem-solving (Text analytics and NLP)  
c) Easy to create a website  
d) It helps to deploy applications on the cloud
7. In how many categories process of Artificial Intelligence is categorized?  
a) categorized into 5 categories  
b) processes are categorized based on the input provided  
c) categorized into 3 categories  
d) process is not categorized
8. Based on which of the following parameter Artificial Intelligence is categorized?  
a) Based on functionality only  
b) Based on capabilities only  
c) Based on capabilities and functionality  
d) It is not categorized
9. Which of the following is a component of Artificial Intelligence?  
a) Learning  
b) Training  
c) Designing  
d) Puzzling
10. What is the function of an Artificial Intelligence "Agent"?  
a) Mapping of goal sequence to an action  
b) Work without the direct interference of the people  
c) Mapping of precept sequence to an action  
d) Mapping of environment sequence to an action
11. Which of the following is not a type of Artificial Intelligence agent?  
a) Learning AI agent  
b) Goal-based AI agent  
c) Simple reflex AI agent  
d) Utility-based AI agent
12. Which of the following is not the commonly used programming language for Artificial Intelligence?  
a) Perl  
b) Java  
c) PROLOG  
d) LISP

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13. What is the name of the Artificial Intelligence system developed by Daniel Bobrow?  
a) program known as BACON  
b) system known as STUDENT  
c) program known as SHRDLU  
d) system known as SIMD
14. What is the function of the system Student?  
a) program that can read algebra word problems only  
b) system which can solve algebra word problems but not read  
c) system which can read and solve algebra word problems  
d) None of the mentioned
15. Which of the following is not an application of artificial intelligence?  
a) Face recognition system  
b) Chatbots  
c) LIDAR  
d) DBMS
16. Which of the following machine requires input from the humans but can interpret the outputs  
a) Actuators  
b) Sensor  
c) Agents  
d) AI system
17. \_\_\_\_\_ number of informed search method are there in Artificial Intelligence.  
a) 4  
b) 3  
c) 2  
d) 1
18. The total number of proposition symbols in AI are \_\_\_\_\_  
a) 3 proposition symbols  
b) 1 proposition symbols  
c) 2 proposition symbols  
d) No proposition symbols
19. The total number of logical symbols in AI are \_\_\_\_\_  
a) There are 3 logical symbols  
b) There are 5 logical symbols  
c) Number of logical symbols are based on the input  
d) Logical symbols are not used
20. Which of the following are the approaches to Artificial Intelligence?  
a) Applied approach  
b) Strong approach  
c) Weak approach  
d) All of the mentioned

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Principal

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21. Face Recognition system is based on which type of approach?
- a) Weak AI approach
  - b)  Applied AI approach
  - c) Cognitive AI approach
  - d) Strong AI approach
22. Which of the following is an advantage of artificial intelligence?
- a) Reduces the time taken to solve the problem
  - b) Helps in providing security
  - c) Have the ability to think hence makes the work easier
  - d)  All of the above
23. Which of the following can improve the performance of an AI agent?
- a) Perceiving
  - b) Learning
  - c) Observing
  - d)  All of the mentioned
24. Which of the following is/are the composition for AI agents?
- a) Program only
  - b) Architecture only
  - c)  Both Program and Architecture
  - d) None of the mentioned
25. On which of the following approach A basic line following robot is based?
- a) Applied approach
  - b) Weak approach
  - c)  Strong approach
  - d) Cognitive approach

  
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Name of the Student: Kisha.Y  
AU Register Number: 811219205006

Year/Sem: 1



## Value Added Course

**"Future of AI&ML in Information Technology"**

**MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)**

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5. What is the goal of Artificial Intelligence?
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6. Which of the following is an application of Artificial Intelligence?
  - a) It helps to exploit vulnerabilities to secure the firm
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  - c) Designing
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  - c) PROLOG
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Name of the Student: Keerthika R

Year/Sem: VI

AU Register Number: 811216205010

20-18  
20  
25

## Value Added Course

**"Future of AI&ML in Information Technology"**

**MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)**

1. What is the full form of "AI"?
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10. What is the function of an Artificial Intelligence "Agent"?
  - a) Mapping of goal sequence to an action
  - b) Work without the direct interference of the people
  - c) Mapping of precept sequence to an action
  - d) Mapping of environment sequence to an action
11. Which of the following is not a type of Artificial Intelligence agent?
  - a) Learning AI agent
  - b) Goal-based AI agent
  - c) Simple reflex AI agent
  - d) Utility-based AI agent
12. Which of the following is not the commonly used programming language for Artificial Intelligence?
  - a) Perl
  - b) Java
  - c) PROLOG
  - d) LISP

  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
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Trichy - 620 012



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Manikandam, Trichy-12

12. What is the name of the Artificial Intelligence system developed by Daniel Bobrow?
- program known as BACON
  - system known as STUDENT
  - program known as SHRDLU
  - system known as SIMD

14. What is the function of the system Student?
- program that can read algebra word problems only
  - system which can solve algebra word problems but not read
  - system which can read and solve algebra word problems
  - None of the mentioned

15. Which of the following is not an application of artificial intelligence?
- Face recognition system
  - Chatbots
  - LIDAR
  - DBMS

16. Which of the following machine requires input from the humans but can interpret the outputs
- Actuators
  - Sensor
  - Agents
  - AI system

17. \_\_\_\_\_ number of informed search method are there in Artificial Intelligence.
- 4
  - 3
  - 2
  - 1

18. The total number of proposition symbols in AI are \_\_\_\_\_
- 3 proposition symbols
  - 1 proposition symbols
  - 2 proposition symbols
  - No proposition symbols

19. The total number of logical symbols in AI are \_\_\_\_\_
- There are 3 logical symbols
  - There are 5 logical symbols
  - Number of logical symbols are based on the input
  - Logical symbols are not used

20. Which of the following are the approaches to Artificial Intelligence?
- Applied approach
  - Strong approach
  - Weak approach
  - All of the mentioned



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21. Face Recognition system is based on which type of approach?
- a) Weak AI approach
  - b) Applied AI approach
  - c) Cognitive AI approach
  - d) Strong AI approach
22. Which of the following is an advantage of artificial intelligence?
- a) Reduces the time taken to solve the problem
  - b) Helps in providing security
  - c) Have the ability to think hence makes the work easier
  - d) All of the above
23. Which of the following can improve the performance of an AI agent?
- a) Perceiving
  - b) Learning
  - c) Observing
  - d) All of the mentioned
24. Which of the following is/are the composition for AI agents?
- a) Program only
  - b) Architecture only
  - c) Both Program and Architecture
  - d) None of the mentioned
25. On which of the following approach A basic line following robot is based?
- a) Applied approach
  - b) Weak approach
  - c) Strong approach
  - d) Cognitive approach

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Name of the Student:

Year/Sem:

AU Register Number:

## Value Added Course

**“Future of AI&ML in Information Technology”**

**MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)**

1. What is the full form of “AI”?
  - a) Artificially Intelligent
  - b) Artificial Intelligence
  - c) Artificially Intelligence
  - d) Advanced Intelligence
2. What is Artificial Intelligence?
  - a) Artificial Intelligence is a field that aims to make humans more intelligent
  - b) Artificial Intelligence is a field that aims to improve the security
  - c) Artificial Intelligence is a field that aims to develop intelligent machines
  - d) Artificial Intelligence is a field that aims to mine the data
3. Who is the inventor of Artificial Intelligence?
  - a) Geoffrey Hinton
  - b) Andrew Ng
  - c) John McCarthy
  - d) Jürgen Schmidhuber
4. Which of the following is the branch of Artificial Intelligence?
  - a) Machine Learning
  - b) Cyber forensics
  - c) Full-Stack Developer
  - d) Network Design
5. What is the goal of Artificial Intelligence?
  - a) To solve artificial problems
  - b) To extract scientific causes
  - c) To explain various sorts of intelligence
  - d) To solve real-world problems



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6. Which of the following is an application of Artificial Intelligence?
  - a) It helps to exploit vulnerabilities to secure the firm
  - b) Language understanding and problem-solving (Text analytics and NLP)
  - c) Easy to create a website
  - d) It helps to deploy applications on the cloud
7. In how many categories process of Artificial Intelligence is categorized?
  - a) categorized into 5 categories
  - b) processes are categorized based on the input provided
  - c) categorized into 3 categories
  - d) process is not categorized
8. Based on which of the following parameter Artificial Intelligence is categorized?
  - a) Based on functionally only
  - b) Based on capabilities only
  - c) Based on capabilities and functionally
  - d) It is not categorized
9. Which of the following is a component of Artificial Intelligence?
  - a) Learning
  - b) Training
  - c) Designing
  - d) Puzzling
10. What is the function of an Artificial Intelligence "Agent"?
  - a) Mapping of goal sequence to an action
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## Value Added Course

“Future of AI&ML in Information Technology”

### ANSWER KEY

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

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**VAC Coordinator**





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## REPORT ON VALUE ADDED COURSE

Title: "Future of AI&ML in Information Technology"

Resource Person: Mr.M.SenthilKumar,  
Chief Executive Officer  
Marcello Tech, Chennai.

Mr.PradeepKumar  
Chief Executive Officer  
Marcello Tech, Chennai.

Date of conduct from : 17.12.2018 To: 22.12.2018 Duration: 36 Hours

Organized Department : Information Technology

Participant Year: 2,3,4

No. of Students Registered : 80

Venue: IT Seminar Hall

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

- Identify and apply suitable Intelligent agents for various AI applications
- Build smart system using different informed search / uninformed search or heuristic approaches
- Identify knowledge associated and represent it by ontological engineering to plan a strategy to solve given problem
- Implement ideas underlying modern logical inference systems
- Represent complex problems with expressive yet carefully constrained language of representation
- Discuss the Future of AI &ML in education

### Assessment Process

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

VAC Coordinator

HoD/IT

Principal

Dr. G. Balakrishnan, M.E., Ph.D.,  
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## SAMPLE PHOTOS OF VALUE ADDED COURSE

Title: "Future of AI&ML in Information Technology"

Resource Person: Mr.M.SenthilKumar,  
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Marcello Tech, Chennai.

Mr.PradeepKumar  
Chief Executive Officer  
Marcello Tech, Chennai.

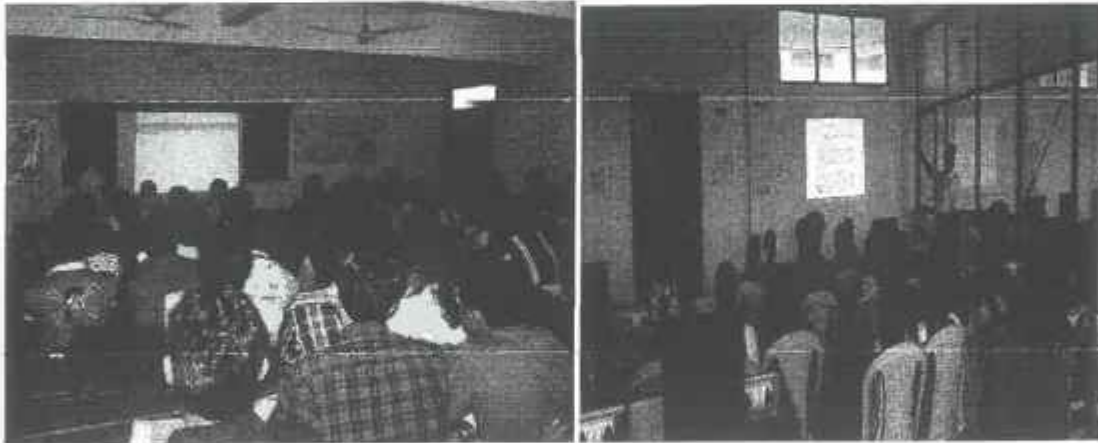
Date of conduct from : 17.12.2018 To: 22.12.2018 Duration: 36 Hours

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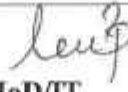
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### Sample Photos



  
VAC Coordinator

  
HoD/IT

  
Principal

  
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## Department of Information Technology

Academic Year 2018-2019 – Odd Semester

### STUDENTS ATTENDANCE LIST

### Value Added Course

“Future of AI&ML in Information Technology”

  
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S.N O	REG NO	STUDENTS NAME	YEAR/ BRANC H	17.12.2018		18.12.2018		19.12.2018		20.12.2018		21.12.2018		22.12.2018		NO OF SESSION 5 ATTEND ED	SIGN OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1	811215205001	Aishwarya. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Aishwarya R
2	811215205002	Akila. N	IV/IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	(A)	✓	✓	10	Akila N
3	811215205003	Anbuselvi. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Anbuselvi R
4	811215205004	Anitha. A	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Anitha A
5	811215205005	Anitha. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	11	Anitha R
6	811215205007	Ashila Banu. M	IV/IT	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	✓	✓	11	Ashila Banu M
7	811215205009	Chithira. M	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Chithira M
8	811215205010	Deepalakshmi. N	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	✓	(A)	10	Deepalakshmi N
9	811215205011	Dhanalakshmi. D	IV/IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	11	Dhanalakshmi D
10	811215205012	Dhivya. S	IV/IT	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	✓	✓	11	Dhivya S
11	811215205013	Ganga Devi. V	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Ganga Devi V
12	811215205014	Gayathri. B	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	11	Gayathri B
13	811215205016	Greeshma. V	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Greeshma V
14	811215205017	Jency Delphina. S	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Jency Delphina S



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

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



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

  
VAC Coordinator

  
HoD/IT





# Indra Ganesan

COLLEGE OF ENGINEERING  
Madurai Main Road (NH-45B), Manikandam, Trichy-12.  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

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

Department of Information Technology

Academic Year 2018-2019 – Odd Semester

**VALUE ADDED COURSE ASSESMENT SHEET**

Future of AI&ML in Information Technology

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100)(50% of A +50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100)(B)	
1	811215205001	Aishwarya. R	IV/IT	36	100	20	80	90
2	811215205002	Akila. N	IV/IT	30	90	15	60	72
3	811215205003	Anbuselvi. R	IV/IT	36	100	19	76	88
4	811215205004	Anitha. A	IV/IT	36	100	22	88	94
5	811215205005	Anitha. R	IV/IT	33	95	18	72	82
6	811215205007	Ashila Banu. M	IV/IT	33	95	17	68	80
7	811215205009	Chithira. M	IV/IT	36	100	18	72	86
8	811215205010	Deepalakshmi. N	IV/IT	30	90	17	68	76
9	811215205011	Dhanalakshmi. D	IV/IT	33	92	16	64	78
10	811215205012	Dhivya. S	IV/IT	33	92	16	64	78
11	811215205013	Ganga Devi. V	IV/IT	36	100	20	80	90

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

Indra Ganesan College of Engineering  
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# Indra Ganesan

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

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## COLLEGE OF ENGINEERING

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
31	811215205035	Victoriaezilarasi.A	IV/IT	30	83	16	64	74
32	811215205036	Vijaya. K	IV/IT	30	83	16	64	74
33	811215205037	Vijayalakshmi. B	IV/IT	36	100	22	88	94
34	811215205038	Vimalraj. R	IV/IT	33	92	18	72	82
35	811215205301	Arunachalam .K	IV/IT	36	100	22	88	94
36	811216205001	Anusuya Devi R	III/IT	33	92	17	68	80
37	811216205003	Balambigai A	III/IT	33	92	19	76	84
38	811216205004	Bharath C	III/IT	33	92	19	76	84
39	811216205005	Boopalan K	III/IT	36	100	20	80	90
40	811216205006	Jeevamani M	III/IT	30	83	16	64	74
41	811216205007	Jeyapriya D	III/IT	30	83	16	64	74
42	811216205008	Kalaiyarasi N	III/IT	36	100	22	88	94
43	811216205009	Kanagavalli J	III/IT	33	92	18	72	82
44	811216205010	Keerthika R	III/IT	36	100	22	88	94
45	811216205011	Krishnan K	III/IT	36	100	22	88	94
46	811216205012	Muthulakshmi P	III/IT	33	92	20	80	86
47	811216205013	Nandhini C	III/IT	33	92	19	76	84
48	811216205014	Nelson	III/IT	36	100	20	80	90
49	811216205015	Parameshwari K	III/IT	30	83	16	64	74



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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
50	811216205016	Poovaragavan	III/IT	36	100	20	80	90
51	811216205017	Priyadharshini A	III/IT	30	83	15	60	72
52	811216205018	Radhika M	III/IT	36	100	19	76	88
53	811216205019	Roshini A	III/IT	36	100	22	88	94
54	811216205020	Rubini K	III/IT	33	92	18	72	82
55	811216205022	Savithri S	III/IT	33	92	17	68	80
56	811216205023	Selvapathi V	III/IT	36	100	18	72	86
57	811216205024	Sivakavi S	III/IT	30	83	17	68	76
58	811216205025	Sivakumar S	III/IT	33	92	16	64	78
59	811216205026	Thanisha S	III/IT	33	92	16	64	78
60	811216205027	Thasthagir S	III/IT	36	100	20	80	90
61	811216205028	Victoriyarani T	III/IT	33	92	18	72	82
62	811216205029	Vidhyasri M	III/IT	36	100	22	88	94
63	811216205030	Wasim Akram M	III/IT	33	92	17	68	80
64	811216205501	Aravindhana S	III/IT	33	92	19	76	84
65	811217205001	Anitha G	II/IT	33	92	19	76	84
66	811217205002	Balaji V	II/IT	36	100	20	80	90
67	811217205003	Gopal P	II/IT	30	83	16	64	74
68	811217205004	Hariharan S	II/IT	30	83	16	64	74



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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
69	811217205005	Karthick A	II/IT	36	100	22	88	94
70	811217205006	Lisha Y	II/IT	33	92	18	72	82
71	811217205007	Lokeshwaran V	II/IT	36	100	22	88	94
72	811217205008	Merciya Mary A	II/IT	36	100	22	88	94
73	811217205009	Mohamed Riyaj Khan M	II/IT	33	92	18	72	82
74	811217205010	Mukesh Kanna S	II/IT	36	100	22	88	94
75	811217205011	Pakkiyalakshmi A	II/IT	33	92	17	68	80
76	811217205013	Sankar C	II/IT	33	92	19	76	84
77	811217205015	Santhiya K	II/IT	33	92	19	76	84
78	811217205016	Saranya C	II/IT	36	100	20	80	90
79	811217205017	Sudhahar S	II/IT	30	83	16	64	74
80	811217205018	Swetha K	II/IT	30	83	16	64	74

  
VAC Coordinator

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

  
HOD/IT



# Indra Ganesan

**COLLEGE OF ENGINEERING**  
Madurai Main Road (NH-45B), Manikandam, Trichy-12.  
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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. .... **ANITHA.A** .....

..... **IV.YEAR.IT** ..... has successfully completed the Value Added Course o  
"Future of AI&ML in Information Technology" organized by Department of Information Technolog  
and IGCE of our Institution in Association with Marcello Tech from 17th Dec 2018 TO 22nd De  
2018 during the Academic Year 2018-2019.

Marcello Tech

Mr. M. Senthil Kumar, Chief Executive Officer

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

Principal  
IGCE





# Indra Ganesan

**COLLEGE OF ENGINEERING**

**Madurai Main Road (NH-45B), Manikandam, Trichy-12.**


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## CERTIFICATE OF PARTICIPATION

*This is to certify that Mr/Ms. ....**Krishnan.N**..... of  
.....**THIRD.YEAR.IT**..... has successfully completed the Value Added Course on  
"Future of AI&ML in Information Technology" organized by Department of Information Technology  
and IGCE of our Institution in Association with Marcello Tech from 17<sup>th</sup> Dec 2018 TO 22<sup>nd</sup> Dec  
2018 during the Academic Year 2018-2019.*

  
**Marcello Tech**  
**Mr. M. Senthil Kumar, Chief Executive Officer**

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

  
**Principal**  
**IGCE**



**Indra Ganesan**  
COLLEGE OF ENGINEERING  
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## CERTIFICATE OF PARTICIPATION


This is to certify that Mr/Ms. .... **Lisha.Y**.....

..... **SECOND YEAR IT**..... has successfully completed the Value Added Course of  
"Future of AI&ML in Information Technology" organized by Department of Information Technology  
and IGCE of our Institution in Association with Marcello Tech from 17th Dec 2018 TO 22<sup>nd</sup> Dec  
2018 during the Academic Year 2018-2019.

  
Marcello Tech

Mr. M. Senthil Kumar, Chief Executive Officer

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

  
Principal  
IGCE



# Indra Ganesan

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Department of Information Technology  
**Academic Year 2018-2019 –EVEN Semester**


02.04.2019

## DEPARTMENT CIRCULAR

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

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

  
HOD/IT

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

  
PRINCIPAL

Cc:

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





# Indra Ganesan

**COLLEGE OF ENGINEERING**  
Madurai Main Road (NH-45B), Manikandam, Trichy-12.  
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## Value Added Course

“Android App Development”

### SYLLABUS

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

  
VAC Coordinator

  
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HOD/IT



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## Value Added Course

“Android App Development”

### STUDENTS PARTICIPATION LIST

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

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



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Principal

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012 S.NO

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






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

  
VAC Coordinator

  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 022

  
HOD/IT



## REPORT ON VALUE ADDED COURSE

Title: "Android App Development"

Resource Person:

Mrs. Sankari  
Project Manager  
Flink Technologies, Chennai

Mrs. Vidhyasri  
Project Manager  
Flink Technologies,  
Chennai

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

Organized Department : Information Technology

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

Venue: IT Seminar Hall

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


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

### Assessment Process

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

  
VAC Coordinator

  
HoD/IT

  
Principal

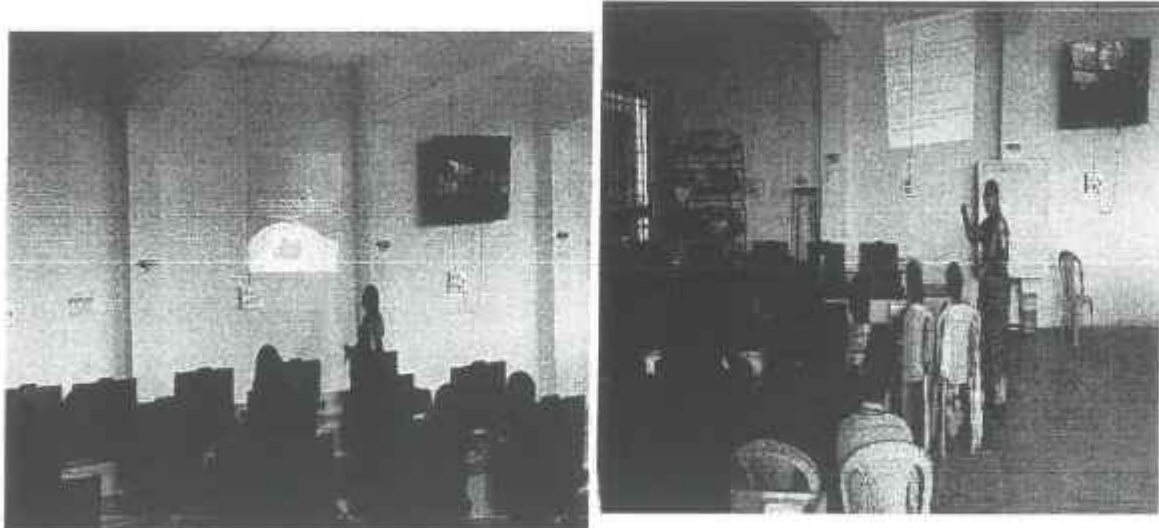



  
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IG Valley, Madurai Main Road  
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## SAMPLE PHOTOS OF VALUE ADDED COURSE

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

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Principal

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

## Value Added Course

“Android App Development”

**Name of the Student:**

**Year/Sem:**

**AU Register Number:**

## Value Added Course

“Android App Development”

### MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. Android is
  - a) an operating system
  - b) a web browser
  - c) a web server
  - d) None of the above
2. Under which of the following Android is licensed?
  - a) OSS
  - b) Sourceforge
  - c) Apache/MIT
  - d) None of the above
3. For which of the following Android is mainly developed?
  - a) Servers
  - b) Desktops
  - c) Laptops
  - d) Mobile devices
4. Which of the following is the first mobile phone released that ran the Android OS?
  - a) HTC Hero
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  - d) None of the above



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## Value Added Course

### “Android App Development”

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

- a) JVM
- b) Dalvik virtual machine
- c) Simple virtual machine
- d) None of the above

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

- a) Java
- b) C++
- c) C
- d) None of the above

7. APK stands for -

- a) Android Phone Kit
- b) Android Page Kit
- c) Android Package Kit
- d) None of the above

8. What does API stand for?

- a) Application Programming Interface
- b) Android Programming Interface
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9. Which of the following converts Java byte code into Dalvik byte code?

- a) Dalvik converter
- b) Dex compiler
- c) Mobile interpretive compiler (MIC)

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## Value Added Course

“Android App Development”

10. How can we stop the services in android?

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

11. What is an activity in android?

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

12. How can we kill an activity in android?

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

13. ADB stands for -

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

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

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

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## Value Added Course

“Android App Development”

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

- a)MAC
- b)Windows
- c)Linux
- d)Redhat

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

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

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

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- a)Android Virtual device
- b)Android Virtual display
- c)Active Virtual display
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19. Does android support other languages than java?

- a)Yes
- b)No
- c)May be



Value Added Course

“Android App Development”

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

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

21. AAPT stands for -

- a) Android Activity Packaging Tool
- b) Android Asset Packaging Tool
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- a) Native Development Kit
- b) New Development kit
- c) Native Design Kit
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23. Which of the following is contained in the src folder?

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

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

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



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## Value Added Course

“Android App Development”

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

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

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## Value Added Course

“Android App Development”

### ANSWER KEY

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

  
VAC Coordinator

  
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## Added Course

"Android App Development"

Name of the Student: *Deepa Lakshmi. N*

Year/Sem: *IV*

AU Register Number: *811215205010*

## Value Added Course

"Android App Development"

### MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. Android is

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- b) a web browser
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- a) OSS
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*18-19*  
*CVVA*  
*19*  
*25*

*18-19*  
*CVVA*



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## Added Course

“Android App Development”

b) Dalvik virtual machine

c) Simple virtual machine

d) None of the above

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

a) Java

b) C++

c) Q

d) None of the above

7. APK stands for -

a) Android Phone Kit

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8. What does API stand for?

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## Added Course

“Android App Development”

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

d) None of the above

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b) android package

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d) None of the above

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Added Course

“Android App Development”


d) Redhat

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

- a) onClick() method
- b) onCreate() method
- c) onStart() method
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- d) Can't say

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## Added Course

“Android App Development”

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Manikandam, Trichy-12





Added Course

“Android App Development”

Name of the Student: *Kouan. k*  
AU Register Number: *811215205 018*

Year/Sem: *1✓*

*10*  
*over*  
*17*  

---

*25*

Value Added Course

“Android App Development”

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. Android is

- a) an operating system
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- d) None of the above

*(Handwritten mark)*

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*(Handwritten mark)*

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

- a) JVM

*(Signature)*  
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## Added Course

"Android App Development"

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Added Course

“Android App Development”

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## Added Course

“Android App Development”

d) Redhat

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## Added Course

"Android App Development"

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

18-12  
2020  
20  
---  
25

## Value Added Course

"Android App Development"

### MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

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Added Course

- b) Dalvik virtual machine      "Android App Development"
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Added Course

“Android App Development”

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Added Course

“Android App Development”

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

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


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

19. Does android support other languages than java?

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

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

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

  
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Added Course

“Android App Development”

21. AAPT stands for -

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

22. NDK stands for -


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

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

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

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

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

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

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



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*(Handwritten signature)*

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## Department of Information Technology

Academic Year 2018-2019 – Even Semester

### STUDENTS ATTENDANCE LIST

#### Value Added Course

“Android App Development”

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



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S. NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	08.04.2019		09.04.2019		10.04.2019		11.04.2019		12.04.2019		13-04-2019		NO OF SESSIONS ATTENDED	SIGN/ EOF STUD
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
15	811215205018	Karan. K	IV/IT	✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	11	Kar
16	811215205019	Keerthana. M	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	11	Keer
17	811215205020	Kiruthika. G	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	12	Kiruthika
18	811215205021	Manikandan. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	R. Mani
19	811215205022	Mathan Sam Raj. M	IV/IT	✓	✓	✓	✓	✓	✓	Ⓐ	✓	Ⓐ	✓	✓	✓	10	Mathan
20	811215205023	Menaka. K	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Menaka
21	811215205024	Nandhini. S	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	11	Nandhini
22	811215205025	Nooril Meena. M	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	12	Nooril
23	811215205026	Pavithra. L	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Pavithra
24	811215205027	Priyadharshini. S	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	11	Priyadharshini
25	811215205028	Pushpa. C	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	Pushpa
26	811215205029	Sagaya Rani. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Ⓐ	12	Sagaya Rani
27	811215205030	Sathish Kumar. G	IV/IT	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	10	Sathish
28	811215205032	Siddika Banu. S	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	10	Siddika
29	811215205033	Suvetha. J	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Suvetha
30	811215205034	Vanmathi. A	IV/IT	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	✓	Ⓐ	10	Vanmathi
31	811215205035	Victoriaezilarasi.A	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Victoria
32	811215205036	Vijaya. K	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	10	Vijaya
33	811215205037	Vijayalakshmi. B	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Ⓐ	12	Vijayalakshmi
34	811215205038	Vimalraj. R	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Vimalraj
35	811215205301	Arunachalam .K	IV/IT	✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	11	Arunachalam
36	811216205001	Anusuya Devi R	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Ⓐ	11	Anusuya



S. NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	08.04.2019		09.04.2019		10.04.2019		11.04.2019		12.04.2019		13.04.2019		NO OF SESSIONS ATTENDE D	SIGNA EOF STUD
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
37	811216205003	Balambigai A	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Balan
38	811216205004	Bharath C	III/IT	✓	✓	✓	✓	✓	(A)	✓	✓	✓	(A)	✓	✓	10	C.H
39	811216205005	Boopalan K	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	11	K-Box
40	811216205006	Jeevamani M	III/IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	11	Jee:
41	811216205007	Jeyapriya D	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	DS
42	811216205008	Kalaiyarasi N	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Ara
43	811216205009	Kanagavalli J	III/IT	✓	✓	✓	(A)	✓	✓	✓	✓	✓	(A)	✓	✓	10	Kana
44	811216205010	Keerthika R	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Keer
45	811216205011	Krishnan K	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Kris
46	811216205012	Muthulakshmi P	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	11	Muth
47	811216205013	Nandhini C	III/IT	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	✓	✓	11	Nand
48	811216205014	Nelson	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Nel
49	811216205015	Parameshwari K	III/IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	11	Para
50	811216205016	Poovaragavan	III/IT	✓	✓	✓	(A)	✓	✓	✓	✓	✓	✓	✓	✓	11	Poov
51	811216205017	Priyadharshini A	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Priya
52	811216205018	Radhika M	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	11	Radh
53	811216205019	Roshini A	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	11	Rosh
54	811216205020	Rubini K	III/IT	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	✓	✓	11	Rubi
55	811216205022	Savithri S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Savi
56	811216205023	Selvapathi V	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	✓	(A)	10	Selv
57	811216205024	Sivakavi S	III/IT	✓	(A)	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	10	Siva
58	811216205025	Sivakumar S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Siva
59	811216205026	Thanisha S	III/IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	11	Tho





S. NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	08.04.2019		09.04.2019		10.04.2019		11.04.2019		12.04.2019		13.04.2019		NO OF SESSIONS ATTENDE D	SIGNATUR EOF OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
60	811216205027	Thasthagir S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Thasthagir
61	811216205028	Victoriyarani T	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Rani
62	811216205029	Vidhyasri M	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	Vidhyasri
63	811216205030	Wasim Akram M	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	Akram
64	811216205501	Aravindhan S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Aravindhan
65	811217205001	Anitha G	II/IT	ⓐ	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Anitha
66	811217205002	Balaji V	II/IT	ⓐ	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Balaji
67	811217205003	Gopal P	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Gopal
68	811217205004	Hariharan S	II/IT	✓	✓	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	10	Hari
69	811217205005	Karthick A	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	Karthick
70	811217205006	Lisha Y	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Lisha
71	811217205007	Lokeshwaran V	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	Lokesh
72	811217205008	Merciya Mary A	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	Merciya
73	811217205009	Mohamed Riyaj Khan M	II/IT	✓	✓	✓	✓	✓	ⓐ	✓	✓	✓	✓	✓	✓	11	Mohamed
74	811217205010	Mukesh Kanna S	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Mukesh
75	811217205011	Pakkiyalakshmi A	II/IT	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Pakkiyalakshmi
76	811217205013	Sankar C	II/IT	✓	✓	✓	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	10	Sankar
77	811217205015	Santhiya K	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Santhiya
78	811217205016	Saranya C	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	Saranya
79	811217205017	Sudhakar S	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Sudhakar
80	811217205018	Swetha K	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	Swetha



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Department of Information Technology

Academic Year 2018-2019 – Even Semester

VALUE ADDED COURSE ASSESMENT SHEET

Android App Development

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



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



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

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



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

  
VAC Coordinator

  
HOD/IT





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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. .... **Dhivya.S** .....

..... **IV.YEAR.IT**..... has successfully completed the Value Added Course of  
"Android App Development" organized by Department of Information Technology and IGCE of our  
Institution in Association with Flink Technologies from 08<sup>th</sup> April 2019 to 13<sup>th</sup> April 2019 (6day  
during the Academic Year 2018-2019.

  
**Flink Technologies**  
**Mrs Sankari, Project Manager**

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

  
**Principal**  
**IGCE**



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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. .... **Bharath.C** ..... of  
..... **THIRD.YEAR.IT** ..... has successfully completed the Value Added Course on  
"Android App Development" organized by Department of Information Technology and IGCE of our  
Institution in Association with Flink Technologies from 08<sup>th</sup> April 2019 to 13<sup>th</sup> April 2019 (6days)  
during the Academic Year 2018-2019.

  
**Flink Technologies**  
**Mrs Sankari, Project Manager**

  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
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Manikandam, Trichy-620 012.

  
Principal  
**IGCE**



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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. .... **Gopal,P** ..... of  
..... **SECOND YEAR IT** ..... has successfully completed the Value Added Course on  
"Android App Development" organized by Department of Information Technology and IGCE of our  
Institution in Association with Flink Technologies from 08<sup>th</sup> April 2019 to 13<sup>th</sup> April 2019 (6days)  
during the Academic Year 2018-2019.

  
**Flink Technologies**  
Mrs Sankari, Project Manager

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