



Indra Ganesan

COLLEGE OF ENGINEERING

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

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

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 1

CURRICULAR ASPECTS

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING





DEPARTMENT OF INFORMATION TECHNOLOGY

ACADEMIC YEAR 2019-2020/ ODD SEMESTER

1.2 Academic Flexibility (30)

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

AND

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

VAC Title:	Cloud Service Management Tools				
Resource Person:	Mr. Vivek, Chief Executive Officer Azatech Pvt, Ltd, Chennai .				
Date of conduct from:	26.11.2019	To:	30.11.2019	Duration:	30 Hours
Organized Department:	INFORMATION TECHNOLOGY				
Participant Year:	IT IV,III,II	Semester:	ODD	No. of Students Registered:	73
Venue:	IT Seminar Hall				

Table of Content

S. No	Document	Page No
1.	VAC Circular	3-3
2.	VAC Schedule	4-4
3.	List of the Students Participation	5-6
4.	VAC Report	7-8
5.	VAC Test Answer Sheet- Sample	9-20
6.	VAC Test paper	21-24
7.	VAC Answer Key	25-25
8.	Attendance Of Students	26-29
9.	VAC Mark statement	30-34
10.	Course Completion Certificates	35-52



Indra Ganesan

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

Department of Information Technology

Academic Year 2019 - 2020 – ODD Semester

20.11.2019

DEPARTMENT CIRCULAR

Department of **Information Technology** and IQAC of IGCE in association with, **Azatech Pvt, Ltd** is going to organize Value Added Course for all Second, Third and Final year students on “**Cloud Service Management Tools**” from 26.11.2019 to 30.11.2019. Certificates will be issued to the eligible participants at the end of the Course. This training is to be provided in our campus.

Java Program	1. Mr. M. Vivek, Chief Executive Officer Azatech Pvt, Ltd, Chennai 2. Mr.S. Anto Chief Executive Officer Infosys ,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
- IQAC Co-Ordinator
- 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.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai


Value Added Course

“ Cloud Service Management Tools”

SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE
1	cloud service management fundamentals	3	26.11.19
2	Concepts of cloud computing:	3	26.11.19
3	Cloud Service Paradigm	3	27.11.19
4	Cloud Providers of Cloud Service Provider (CSP):	3	27.11.19
5	cloud service management	3	28.11.19
6	Basics of information technology service management and cloud service management	3	28.11.19
7	cloud computing eco system	3	29.11.19
8	Information Technology Service Management (ITSM)	3	29.11.19
9	cloud service governance & value	3	30.11.19
10	service perspectives	2	30.11.19
11	Exam	1	30.11.19
Total Hours (Excluding Exam)		30	-


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.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Value Added Course

Cloud Service Management Tools

STUDENTS PARTICIPATION LIST

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
1	811216205001	Anusuya Devi R	IV / IT
2	811216205003	Balambigai A	IV / IT
3	811216205004	Bharath C	IV / IT
4	811216205005	Boopalan K	IV / IT
5	811216205006	Jeevamani M	IV / IT
6	811216205007	Jeyapriya D	IV / IT
7	811216205008	Kalaiyarasi N	IV / IT
8	811216205009	Kanagavalli J	IV / IT
9	811216205010	Keerthika R	IV / IT
10	811216205011	Krishnan K	IV / IT
11	811216205012	Muthulakshmi P	IV / IT
12	811216205013	Nandhini C	IV / IT
13	811216205014	Nelson	IV / IT
14	811216205015	Parameshwari K	IV / IT
15	811216205016	Poovaragavan	IV / IT
16	811216205017	Priyadharshini A	IV / IT
17	811216205018	Radhika M	IV / IT
18	811216205019	Roshini A	IV / IT
19	811216205020	Rubini K	IV / IT
20	811216205022	Savithri S	IV / IT
21	811216205023	Selvapathi V	IV / IT
22	811216205024	Sivakavi S	IV / IT
23	811216205025	Sivakumar S	IV / IT
24	811216205026	Thanisha S	IV / IT
25	811216205027	Thasthagir S	IV / IT
26	811216205028	Victoriyarani T	IV / IT
27	811216205029	Vidhyasri M	IV / IT
28	811216205030	Wasim Akram M	IV / IT
29	811216205501	Aravinthan S	IV / IT
30	811217205001	Anitha G	III / IT
31	811217205002	Balaji V	III / IT
32	811217205003	Gopal P	III / IT
33	811217205004	Hariharan S	III / IT
34	811217205005	Karthick A	III / IT
35	811217205006	Lisha Y	III / IT
36	811217205007	Lokeshwaran V	III / IT

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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
39	811217205010	Mukesh Kanna S	III / IT
40	811217205011	Pakkiyalakshmi A	III / IT
41	811217205013	Sankar C	III / IT
42	811217205015	Santhiya K	III / IT
43	811217205016	Saranya C	III / IT
44	811217205017	Sudhahar S	III / IT
45	811217205018	Swetha K	III / IT
46	811217205019	Tamilselvi M	III / IT
47	811217205020	Thiruppathi S	III / IT
48	811217205021	Vijayaraj S	III / IT
49	811217205022	Vijay Joseph P	III / IT
50	811218205001	Deepa T	II / IT
51	811218205002	Dharshini K	II / IT
52	811218205003	Gopi U	II / IT
53	811218205004	Harish R	II / IT
54	811218205005	Irudhayaraj A	II / IT
55	811218205006	Janani S	II / IT
56	811218205007	Janarthanan	II / IT
57	811218205008	Kamalesh A	II / IT
58	811218205009	Kaviyarasu C	II / IT
59	811218205010	Kayalvizhi.B	II / IT
60	811218205011	Manoharan T	II / IT
61	811218205012	Meena R	II / IT
62	811218205013	Milton-Billgates J	II / IT
63	811218205014	Mohammed Aarif J	II / IT
64	811218205015	Pavithra.N	II / IT
65	811218205016	Priyanka A	II / IT
66	811218205017	Robinson Isalah E	II / IT
67	811218205018	Selvi M	II / IT
68	811218205019	Shalini Gayathri S	II / IT
69	811218205020	Sivaraman S	II / IT
70	811218205021	Snekaa R	II / IT
71	811218205022	Suganya K	II / IT
72	811218205023	Vasanth S	II / IT
73	811218205024	Vijayakaran M	II / IT

S. Sujal
VAC Coordinator

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

Principal

Indra Ganesan College of Engineering

IG Valley, Madurai Main Road

Manikandam, Trichy-620 012

leup
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

REPORT ON VALUE ADDED COURSE

Title:

“Cloud Service Management Tools”

Resource Person:

**Mr. M. Vivek, Azatech Pvt, Ltd,
Chennai**

Mr.S. Anto Infosys Chennai

Date of conduct from :

26.11.19

To:

30.11.19

Duration:

30 Hours

Organized Department :

INFORMATION TECHNOLOGY

Participant Year:

2,3,4

No. of Students Registered :

73

Venue:

IT Seminar Hall

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


- Create a Cloud Organization in AWS/Google Cloud/or any equivalent Open Source cloud softwares like Openstack, Eucalyptus, OpenNebula with Role-based access control
- Create a Cost-model for a web application using various services and do Cost-benefit analysis
- Create alerts for usage of Cloud resources
- Create Billing alerts for your Cloud Organization
- Compare Cloud cost for a simple web application across AWS, Azure and GCP and suggest the best one

Assessment Process

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


VAC Coordinator


HoD / IT


Principal


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

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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

SAMPLE PHOTOS OF VALUE ADDED COURSE

Title: **“Cloud Service Management Tools”**

Resource Person: **Mr. M. Vivek, Azatech Pvt, Ltd, Chennai** **Mr.S. Anto Infosys Chennai**

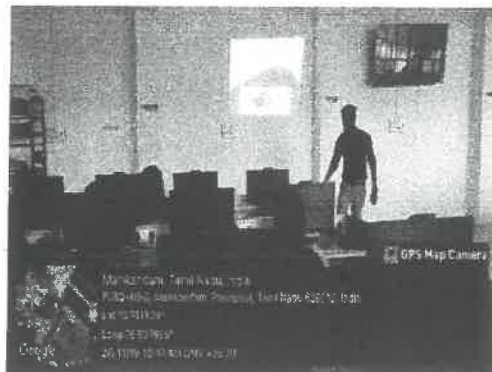
Date of conduct from : **26.11.19** To: **30.11.19** Duration: **30 Hours**

Organized Department : **INFORMATION TECHNOLOGY**

Participant Year: **2,3,4** No. of Students Registered : **73**

Venue: **IT Seminar Hall**

Sample Photos:



S. Sujil
VAC Coordinator

Leup
HoD / IT

[Signature]
Principal

[Signature]
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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Name of the Student: Boopalan. k

Year / Sem: 1/1

AU Register Number: 811216205005

22

25

Value Added Course

“ Cloud Service Management Tools ”

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. What is Cloud Computing?

- etc
- a) Cloud Computing means providing services like storage, servers, database, networking,
 - b) Cloud Computing means storing data in a database
 - c) Cloud Computing is a tool used to create an application
 - d) None of the mentioned

2. Who is the father of cloud computing?

- a) Sharon B. Codd
- b) Edgar Frank Codd
- c) J.C.R. Licklider
- d) Charles Bachman

3. Which of the following is not a type of cloud server?

- a) Public Cloud Servers
- b) Private Cloud Servers
- c) Dedicated Cloud Servers
- d) Merged Cloud Servers

4. Which of the following are the features of cloud computing?


- a) Security
- b) Availability
- c) Large Network Access
- d) All of the mentioned

5. Which of the following is a type of cloud computing service?

- a) Service-as-a-Software (SaaS)
- b) Software-and-a-Server (SaaS)
- c) Software-as-a-Service (SaaS)
- d) Software-as-a-Server (SaaS)

6. Which of the following is the application of cloud computing?

- a) Adobe
- b) Paypal
- c) Google G Suite
- d) All of the above


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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

d) All of the above

8. Applications and services that run on a distributed network using virtualized resources is known as _____

- a) Parallel computing
- b) Soft computing
- c) Distributed computing
- d) Cloud computing

9. Which of the following is an example of a PaaS cloud service?

- a) Heroku
- b) AWS Elastic Beanstalk
- c) Windows Azure
- d) All of the above

10. Which of the following is an example of an IaaS Cloud service?

- a) DigitalOcean
- b) Linode
- c) Rackspace
- d) All of the above

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

Principal

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

11. Which of the following is the correct statement about cloud computing?

- a) Cloud computing abstracts systems by pooling and sharing resources
- b) Cloud computing is nothing more than the Internet
- c) The use of the word "cloud" makes reference to the two essential concepts
- d) All of the mentioned

12. Point out the wrong statement.

- a) Azure enables .NET Framework applications to run over the Internet
- b) Cloud Computing has two distinct sets of models
- c) Amazon has built a worldwide network of datacenters to service its search engine
- d) None of the mentioned

13. Which of the following model attempts to categorize a cloud network based on four dimensional factors?

- a) Cloud Cube
- b) Cloud Square
- c) Cloud Service
- d) All of the mentioned

14. Which of the following is the correct statement about cloud types?

- a) Cloud Square Model is meant to show is that the traditional notion of a network boundary being the network's firewall no longer applies in cloud computing
- b) A deployment model defines the purpose of the cloud and the nature of how the cloud is located
- c) Service model defines the purpose of the cloud and the nature of how the cloud is located
- d) All of the mentioned

15. Which architectural layer is used as a backend in cloud computing?

- a) cloud
- b) soft
- c) client
- d) all of the mentioned



Indra Ganesan

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

16. All cloud computing applications suffer from the inherent _____ that is intrinsic in their WAN connectivity.


- a) noise
- b) propagation
- c) latency
- d) all of the mentioned

17. Which of the following architectural standards is working with cloud computing industry?

- a) Web-application frameworks
- b) Service-oriented architecture
- c) Standardized Web services
- d) All of the mentioned

18. What type of computing technology refers to services and applications that typically run on a distributed network through virtualized resources?

- a. Distributed Computing
- b. Cloud Computing
- c. Soft Computing
- d. Parallel Computing


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

19. Which one of the following options can be considered as the Cloud?

- a. Hadoop
- b. Intranet
- c. Web Applications
- d. All of the mentioned

20. Cloud computing is a kind of abstraction which is based on the notion of combining physical resources and represents them as _____ resources to users.

- a. Real
- b. Cloud
- c. Virtual
- d. none of the mentioned

21. Which of the following has many features of that is now known as cloud computing?



Indra Ganesan

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

- a. Web Service
- b. Softwares
- c. All of the mentioned
- d. Internet

22. Which one of the following cloud concepts is related to sharing and pooling the resources?

- a. Polymorphism
- b. Virtualization
- c. Abstraction
- d. None of the mentioned

23. Which one of the following statements is not true?


- a. The popularization of the Internet actually enabled most cloud computing systems.
- b. Cloud computing makes the long-held dream of utility as a payment possible for you, with an infinitely scalable, universally available system, pay what you use.
- c. Soft computing addresses a real paradigm in the way in which the system is deployed.
- d. All of the mentioned

24. Which one of the following can be considered as a utility is a dream that dates from the beginning of the computing industry itself?

- a. Computing
- b. Model
- c. Software
- d. All of the mentioned

25. Which of the following is an essential concept related to Cloud?

- a. Reliability
- b. Abstraction
- c. Productivity
- d. All of the mentioned


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



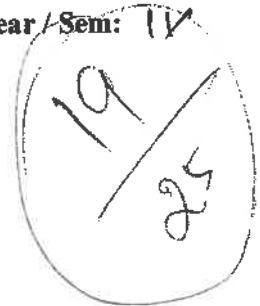
Indra Ganesan

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

Name of the Student: Bharath C

Year / Sem: IV

AU Register Number: 811216205004



Value Added Course

“ Cloud Service Management Tools ”

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. What is Cloud Computing?

- etc
- a) Cloud Computing means providing services like storage, servers, database, networking,
 - b) Cloud Computing means storing data in a database
 - c) Cloud Computing is a tool used to create an application
 - d) None of the mentioned

2. Who is the father of cloud computing?

- a) Sharon B. Codd
- b) Edgar Frank Codd
- c) J.C.R. Licklider
- d) Charles Bachman

3. Which of the following is not a type of cloud server?

- a) Public Cloud Servers
- b) Private Cloud Servers
- c) Dedicated Cloud Servers
- d) Merged Cloud Servers

4. Which of the following are the features of cloud computing?


- a) Security
- b) Availability
- c) Large Network Access
- d) All of the mentioned

5. Which of the following is a type of cloud computing service?

- a) Service-as-a-Software (SaaS)
- b) Software-and-a-Server (SaaS)
- c) Software-as-a-Service (SaaS)
- d) Software-as-a-Server (SaaS)

6. Which of the following is the application of cloud computing?

- a) Adobe
- b) Paypal
- c) Google G Suite
- d) All of the above


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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

d) All of the above

8. Applications and services that run on a distributed network using virtualized resources is known as _____

- a) Parallel computing
- b) Soft computing
- c) Distributed computing
- d) Cloud computing

9. Which of the following is an example of a PaaS cloud service?

- a) Heroku
- b) AWS Elastic Beanstalk
- c) Windows Azure
- d) All of the above

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

10. Which of the following is an example of an IaaS Cloud service?

- a) DigitalOcean
- b) Linode
- c) Rackspace
- d) All of the above

11. Which of the following is the correct statement about cloud computing?

- a) Cloud computing abstracts systems by pooling and sharing resources
- b) Cloud computing is nothing more than the Internet
- c) The use of the word "cloud" makes reference to the two essential concepts
- d) All of the mentioned

12. Point out the wrong statement.

- a) Azure enables .NET Framework applications to run over the Internet
- b) Cloud Computing has two distinct sets of models
- c) Amazon has built a worldwide network of datacenters to service its search engine
- d) None of the mentioned

13. Which of the following model attempts to categorize a cloud network based on four dimensional factors?

- a) Cloud Cube
- b) Cloud Square
- c) Cloud Service
- d) All of the mentioned

14. Which of the following is the correct statement about cloud types?

- a) Cloud Square Model is meant to show is that the traditional notion of a network boundary being the network's firewall no longer applies in cloud computing
- b) A deployment model defines the purpose of the cloud and the nature of how the cloud is located
- c) Service model defines the purpose of the cloud and the nature of how the cloud is located
- d) All of the mentioned

15. Which architectural layer is used as a backend in cloud computing?

- a) cloud
- b) soft
- c) client
- d) all of the mentioned



Indra Ganesan

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

16. All cloud computing applications suffer from the inherent _____ that is intrinsic in their WAN connectivity.

- a) noise
- b) propagation
- c) latency
- d) all of the mentioned

17. Which of the following architectural standards is working with cloud computing industry?

- a) Web-application frameworks
- b) Service-oriented architecture
- c) Standardized Web services
- d) All of the mentioned

18. What type of computing technology refers to services and applications that typically run on a distributed network through virtualized resources?

- a. Distributed Computing
- b. Cloud Computing
- c. Soft Computing
- d. Parallel Computing

19. Which one of the following options can be considered as the Cloud?

- a. Hadoop
- b. Intranet
- c. Web Applications
- d. All of the mentioned

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

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

20. Cloud computing is a kind of abstraction which is based on the notion of combining physical resources and represents them as _____ resources to users.

- a. Real
- b. Cloud
- c. Virtual
- d. none of the mentioned

21. _____ is a type of cloud computing that is now known as cloud computing?



Indra Ganesan

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

a. Web Service

b. Softwares

c. All of the mentioned

d. Internet

22. Which one of the following cloud concepts is related to sharing and pooling the resources?

a. Polymorphism

b. Virtualization

c. Abstraction

d. None of the mentioned

23. Which one of the following statements is not true?

a. The popularization of the Internet actually enabled most cloud computing systems.

b. Cloud computing makes the long-held dream of utility as a payment possible for you, with an infinitely scalable, universally available system, pay what you use.

c. Soft computing addresses a real paradigm in the way in which the system is deployed.

d. All of the mentioned

24. Which one of the following can be considered as a utility is a dream that dates from the beginning of the computing industry itself?

a. Computing

b. Model

c. Software

d. All of the mentioned


25. Which of the following is an essential concept related to Cloud?

a. Reliability

b. Abstraction

c. Productivity

d. All of the mentioned


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



Name of the Student: krishnan.k

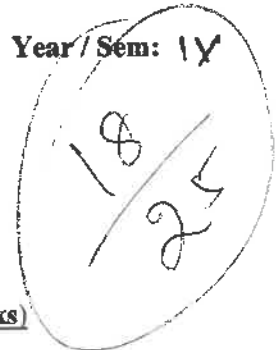
Year / Sem: 1Y

AU Register Number: 811216205011

Value Added Course

“ Cloud Service Management Tools ”

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)



1. What is Cloud Computing?

- etc
- a) Cloud Computing means providing services like storage, servers, database, networking,
 - b) Cloud Computing means storing data in a database
 - c) Cloud Computing is a tool used to create an application
 - d) None of the mentioned

2. Who is the father of cloud computing?

- a) Sharon B. Codd
- b) Edgar Frank Codd
- c) J.C.R. Licklider
- d) Charles Bachman

3. Which of the following is not a type of cloud server?

- a) Public Cloud Servers
- b) Private Cloud Servers
- c) Dedicated Cloud Servers
- d) Merged Cloud Servers

4. Which of the following are the features of cloud computing?


- a) Security
- b) Availability
- c) Large Network Access
- d) All of the mentioned

5. Which of the following is a type of cloud computing service?

- a) Service-as-a-Software (SaaS)
- b) Software-and-a-Server (SaaS)
- c) Software-as-a-Service (SaaS)
- d) Software-as-a-Server (SaaS)

6. Which of the following is the application of cloud computing?

- a) Adobe
- b) Paypal
- c) Google G Suite
- d) All of the above


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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

d) All of the above

8. Applications and services that run on a distributed network using virtualized resources is known as _____

- a) Parallel computing
- b) Soft computing
- c) Distributed computing
- d) Cloud computing

9. Which of the following is an example of a PaaS cloud service?

- a) Heroku
- b) AWS Elastic Beanstalk
- c) Windows Azure
- d) All of the above

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

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

10. Which of the following is an example of an IaaS Cloud service?

- a) DigitalOcean
- b) Linode
- c) Rackspace
- d) All of the above

11. Which of the following is the correct statement about cloud computing?

- a) Cloud computing abstracts systems by pooling and sharing resources
- b) Cloud computing is nothing more than the Internet
- c) The use of the word "cloud" makes reference to the two essential concepts
- d) All of the mentioned

12. Point out the wrong statement.

- a) Azure enables .NET Framework applications to run over the Internet
- b) Cloud Computing has two distinct sets of models
- c) Amazon has built a worldwide network of datacenters to service its search engine
- d) None of the mentioned

13. Which of the following model attempts to categorize a cloud network based on four dimensional factors?

- a) Cloud Cube
- b) Cloud Square
- c) Cloud Service
- d) All of the mentioned

14. Which of the following is the correct statement about cloud types?

- a) Cloud Square Model is meant to show is that the traditional notion of a network boundary being the network's firewall no longer applies in cloud computing
- b) A deployment model defines the purpose of the cloud and the nature of how the cloud is located
- c) Service model defines the purpose of the cloud and the nature of how the cloud is located
- d) All of the mentioned

15. Which architectural layer is used as a backend in cloud computing?

- a) cloud
- b) soft
- c) client
- d) all of the mentioned



Indra Ganesan

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

16. All cloud computing applications suffer from the inherent _____ that is intrinsic in their WAN connectivity.

- a) noise
- b) propagation
- c) latency
- d) all of the mentioned

α

17. Which of the following architectural standards is working with cloud computing industry?


- a) Web-application frameworks
- b) Service-oriented architecture
- c) Standardized Web services
- d) All of the mentioned

α

18. What type of computing technology refers to services and applications that typically run on a distributed network through virtualized resources?

- a. Distributed Computing
- b. Cloud Computing
- c. Soft Computing
- d. Parallel Computing

~


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

19. Which one of the following options can be considered as the Cloud?

- a. Hadoop
- b. Intranet
- c. Web Applications
- d. All of the mentioned

~

20. Cloud computing is a kind of abstraction which is based on the notion of combining physical resources and represents them as _____ resources to users.

- a. Real
- b. Cloud
- c. Virtual
- d. none of the mentioned

~

21. Which of the following has many features of that is now known as cloud computing?



Indra Ganesan

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

- a. Web Service
- b. Softwares
- c. All of the mentioned
- d. Internet

22. Which one of the following cloud concepts is related to sharing and pooling the resources?

- a. Polymorphism
- b. Virtualization
- c. Abstraction
- d. None of the mentioned

23. Which one of the following statements is not true?

- a. The popularization of the Internet actually enabled most cloud computing systems.
- b. Cloud computing makes the long-held dream of utility as a payment possible for you, with an infinitely scalable, universally available system, pay what you use.
- c. Soft computing addresses a real paradigm in the way in which the system is deployed.
- d. All of the mentioned

24. Which one of the following can be considered as a utility is a dream that dates from the beginning of the computing industry itself?

- a. Computing
- b. Model
- c. Software
- d. All of the mentioned


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

25. Which of the following is an essential concept related to Cloud?

- a. Reliability
- b. Abstraction
- c. Productivity
- d. All of the mentioned



Indra Ganesan

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

Name of the Student:

Year / Sem:

AU Register Number:

Value Added Course

“ Cloud Service Management Tools ”

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. What is Cloud Computing?

- etc
- a) Cloud Computing means providing services like storage, servers, database, networking,
 - b) Cloud Computing means storing data in a database
 - c) Cloud Computing is a tool used to create an application
 - d) None of the mentioned

2. Who is the father of cloud computing?

- a) Sharon B. Codd
- b) Edgar Frank Codd
- c) J.C.R. Licklider
- d) Charles Bachman

3. Which of the following is not a type of cloud server?

- a) Public Cloud Servers
- b) Private Cloud Servers
- c) Dedicated Cloud Servers
- d) Merged Cloud Servers

4. Which of the following are the features of cloud computing?

- a) Security
- b) Availability
- c) Large Network Access
- d) All of the mentioned

5. Which of the following is a type of cloud computing service?

- a) Service-as-a-Software (SaaS)
- b) Software-and-a-Server (SaaS)
- c) Software-as-a-Service (SaaS)
- d) Software-as-a-Server (SaaS)

6. Which of the following is the application of cloud computing?

- a) Adobe
- b) Paypal
- c) Google G Suite
- d) All of the above


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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

7. Which of the following is an example of the cloud?
- Amazon Web Services (AWS)
 - Dropbox
 - Cisco WebEx
 - All of the above
8. Applications and services that run on a distributed network using virtualized resources is known as _____
- Parallel computing
 - Soft computing
 - Distributed computing
 - Cloud computing
9. Which of the following is an example of a PaaS cloud service?
- Heroku
 - AWS Elastic Beanstalk
 - Windows Azure
 - All of the above
10. Which of the following is an example of an IaaS Cloud service?
- DigitalOcean
 - Linode
 - Rackspace
 - All of the above
11. Which of the following is the correct statement about cloud computing?
- Cloud computing abstracts systems by pooling and sharing resources
 - Cloud computing is nothing more than the Internet
 - The use of the word "cloud" makes reference to the two essential concepts
 - All of the mentioned
12. Point out the wrong statement.
- Azure enables .NET Framework applications to run over the Internet
 - Cloud Computing has two distinct sets of models
 - Amazon has built a worldwide network of datacenters to service its search engine
 - None of the mentioned
13. Which of the following model attempts to categorize a cloud network based on four dimensional factors?
- Cloud Cube
 - Cloud Square
 - Cloud Service
 - All of the mentioned
14. Which of the following is the correct statement about cloud types?
- Cloud Square Model is meant to show is that the traditional notion of a network boundary being the network's firewall no longer applies in cloud computing
 - A deployment model defines the purpose of the cloud and the nature of how the cloud is located
 - Service model defines the purpose of the cloud and the nature of how the cloud is located
 - All of the mentioned



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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

15. Which architectural layer is used as a backend in cloud computing?
- cloud
 - soft
 - client
 - all of the mentioned
16. All cloud computing applications suffer from the inherent _____ that is intrinsic in their WAN connectivity.
- noise
 - propagation
 - latency
 - all of the mentioned
17. Which of the following architectural standards is working with cloud computing industry?
- Web-application frameworks
 - Service-oriented architecture
 - Standardized Web services
 - All of the mentioned
18. What type of computing technology refers to services and applications that typically run on a distributed network through virtualized resources?
- Distributed Computing
 - Cloud Computing
 - Soft Computing
 - Parallel Computing
19. Which one of the following options can be considered as the Cloud?
- Hadoop
 - Intranet
 - Web Applications
 - All of the mentioned
20. Cloud computing is a kind of abstraction which is based on the notion of combining physical resources and represents them as _____ resources to users.
- Real
 - Cloud
 - Virtual
 - none of the mentioned


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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

21. Which of the following has many features of that is now known as cloud computing?

- a. Web Service
- b. Softwares
- c. All of the mentioned
- d. Internet

22. Which one of the following cloud concepts is related to sharing and pooling the resources?

- a. Polymorphism
- b. Virtualization
- c. Abstraction
- d. None of the mentioned


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

23. Which one of the following statements is not true?

- a. The popularization of the Internet actually enabled most cloud computing systems.
- b. Cloud computing makes the long-held dream of utility as a payment possible for you, with an infinitely scalable, universally available system, pay what you use.
- c. Soft computing addresses a real paradigm in the way in which the system is deployed.
- d. All of the mentioned

24. Which one of the following can be considered as a utility is a dream that dates from the beginning of the computing industry itself?

- a. Computing
- b. Model
- c. Software
- d. All of the mentioned

25. Which of the following is an essential concept related to Cloud?

- a. Reliability
- b. Abstraction
- c. Productivity



Indra Ganesan


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

Value Added Course

“Cloud Service Management Tools ”

ANSWER KEY

1	A	6	D	11	A	16	C	21	D
2	C	7	D	12	C	17	B	22	B
3	D	8	D	13	A	18	B	23	C
4	D	9	D	14	B	19	A	24	A
5	C	10	D	15	A	20	C	25	B


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


VAC Coordinator



Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road (NH-455), Manikandam, Trichy-13.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

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

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

Department of Information Technology

Academic Year 2019-2020- Odd Semester

STUDENTS ATTENDANCE LIST

Value Added Course

"Cloud Service Management Tools"

S.N O	REG NO	STUDENTS NAME	YEAR/ BRANC H	26.11.19		27.11.19		28.11.19		29.11.19		30.11.19		NO OF SESSIONS ATTENDE D	SIGN OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1	811216205001	Anusuya Devi R	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	M. Anusuya
2	811216205003	Balambigai A	IV / IT	✓	A	✓	✓	✓	A	✓	✓	✓	✓	8	Balambigai A
3	811216205004	Bharath C	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	9	Bharath C
4	811216205005	Boopalan K	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Boopalan K
5	811216205006	Jeevamani M	IV / IT	✓	✓	✓	✓	A	✓	✓	A	✓	✓	8	Jeevamani M
6	811216205007	Jeyapriya D	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Jeyapriya D
7	811216205008	Kalalyarasi N	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Kalalyarasi N
8	811216205009	Kanagavalli J	IV / IT	✓	✓	✓	✓	✓	✓	A	✓	✓	A	8	Kanagavalli J
9	811216205010	Keerthika R	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Keerthika R
10	811216205011	Krishnan K	IV / IT	✓	✓	✓	✓	A	A	✓	✓	✓	✓	8	Krishnan K
11	811216205012	Muthulakshmi P	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Muthulakshmi P
12	811216205013	Nandhini C	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Nandhini C
13	811216205014	Nelson	IV / IT	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	9	Nelson
14	811216205015	Parameshwari K	IV / IT	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	9	Parameshwari K

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



Indra Ganesan

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

S. NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	26.11.19		27.11.19		28.11.19		29.11.19		30.11.19		NO OF SESSIONS ATTENDED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
15	811216205016	Poovaragavan	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Poovaragavan
16	811216205017	Priyadharshini A	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Priyadharshini A
17	811216205018	Radhika M	IV / IT	✓	(A)	(A)	✓	✓	✓	✓	✓	✓	✓	8	Radhika M
18	811216205019	Roshini A	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Roshini A
19	811216205020	Rubini K	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Rubini K
20	811216205022	Savithri S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Savithri S
21	811216205023	Selvapathi V	IV / IT	✓	(A)	✓	✓	✓	✓	✓	✓	✓	✓	10	Selvapathi V
22	811216205024	Sivakavi S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Sivakavi S
23	811216205025	Sivakumar S	IV / IT	✓	✓	(A)	✓	✓	✓	✓	✓	✓	✓	10	Sivakumar S
24	811216205026	Thanisha S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Thanisha S
25	811216205027	Thasthagir S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Thasthagir S
26	811216205028	Victoriyarani T	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Victoriyarani T
27	811216205029	Vidhyasri M	IV / IT	✓	(A)	✓	✓	✓	✓	✓	✓	✓	✓	10	Vidhyasri M
28	811216205030	Wasim Akram M	IV / IT	(A)	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Wasim Akram M
29	811216205501	Aravindhan S	IV / IT	✓	✓	(A)	(A)	✓	✓	✓	✓	✓	✓	8	Aravindhan S
30	811217205001	Anitha G	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Anitha G
31	811217205002	Balaji V	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Balaji V
32	811217205003	Gopal P	III / IT	✓	✓	✓	✓	(A)	✓	✓	✓	✓	✓	9	Gopal P
33	811217205004	Hariharan S	III / IT	✓	✓	✓	(A)	(A)	✓	✓	✓	✓	✓	8	Hariharan S
34	811217205005	Karthick A	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Karthick A
35	811217205006	Lisha Y	III / IT	✓	✓	(A)	✓	✓	✓	✓	✓	✓	✓	9	Lisha Y
36	811217205007	Lokeshwaran V	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Lokeshwaran V



S. NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	26.11.19		27.11.19		28.11.19		29.11.19		30.11.19		NO OF SESSIONS ATTENDED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
37	811217205008	Merciya Mary A	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	A. Merciya Mary
38	811217205009	Mohamed Riyaj Khan M	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	ⓐ	✓	9	M. Riyaj Khan
39	811217205010	Mukesh Kanna S	III / IT	✓	ⓐ	ⓐ	✓	✓	✓	✓	✓	✓	✓	8	S. Mukesh Kanna
40	811217205011	Pakkiyalakshmi A	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	P. Lakshmi
41	811217205013	Sankar C	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	C. Sankar
42	811217205015	Santhiya K	III / IT	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	9	Santhiya K
43	811217205016	Saranya C	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Saranya C
44	811217205017	Sudhakar S	III / IT	✓	✓	ⓐ	ⓐ	✓	✓	✓	✓	✓	✓	8	Sudhakar S
45	811217205018	Swetha K	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Swetha K
46	811217205019	Tamilselvi M	III / IT	✓	ⓐ	ⓐ	✓	✓	✓	✓	✓	✓	✓	8	M. Tamilselvi
47	811217205020	Thirupathi S	III / IT	✓	✓	✓	✓	✓	✓	ⓐ	ⓐ	✓	✓	8	S. Thirupathi
48	811217205021	Vijayaraj S	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Vijayaraj S
49	811217205022	Vijay Joseph P	III / IT	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	9	S. Vijay Joseph
50	811218205001	Deepa T	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Deepa T
51	811218205002	Dharshini K	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	K. Dharshini
52	811218205003	Gopi U	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	U. Gopi
53	811218205004	Harish R	II / IT	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	9	Harish R
54	811218205005	Irudhayaraj A	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	A. Irudhayaraj
55	811218205006	Janani S	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	S. Janani
56	811218205007	Janarthanan	II / IT	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	9	Janarthanan
57	811218205008	Kamalesh A	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	A. Kamalesh
58	811218205009	Kaviyarasu C	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	C. Kaviyarasu
59	811218205010	Kayalvizhi.B	II / IT	✓	✓	✓	ⓐ	✓	✓	✓	✓	✓	✓	9	B. Kayalvizhi



Indra Ganesan

COLLEGE OF ENGINEERING

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

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

S. NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	26.11.19		27.11.19		28.11.19		29.11.19		30.11.19		NO OF SESSIONS ATTENDED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
60	811218205011	Manoharan T	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	T. Manoharan
61	811218205012	Meena R	II / IT	Ⓐ	Ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	8	Meena R
62	811218205013	Milton Billgates J	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Milton Billgates J
63	811218205014	Mohammed Aarif J	II / IT	✓	Ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	9	Mohammed Aarif J
64	811218205015	Pavithra.N	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Pavithra.N
65	811218205016	Priyanka A	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Priyanka A
66	811218205017	Robinson Isaiah E	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Robinson Isaiah E
67	811218205018	Selvi M	II / IT	✓	Ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	10	Selvi M
68	811218205019	Shalini Gayathri S	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Shalini Gayathri S
69	811218205020	Sivaraman S	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Sivaraman S
70	811218205021	Snekaa R	II / IT	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	✓	10	Snekaa R
71	811218205022	Suganya K	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Suganya K
72	811218205023	Vasanth S	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Vasanth S
73	811218205024	Vijayakaran M	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Vijayakaran M


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-48B), Manikandam, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Department of Information Technology Academic

Year 2019 -2020– Odd Semester

VALUE ADDED COURSE ASSESMENT SHEET

“ Cloud Service Management Tools”

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

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	811216205001	Anusuya Devi R	IV / IT	30	100	20	80	90
2	811216205003	Balambigai A	IV / IT	24	80	15	60	72
3	811216205004	Bharath C	IV / IT	27	90	19	76	88
4	811216205005	Boopalan K	IV / IT	30	100	22	88	94
5	811216205006	Jeevamani M	IV / IT	24	80	18	72	82
6	811216205007	Jeyapriya D	IV / IT	30	100	17	68	80
7	811216205008	Kalaiyarasi N	IV / IT	30	100	18	72	86
8	811216205009	Kanagavalli J	IV / IT	24	80	17	68	76
9	811216205010	Keerthika R	IV / IT	30	100	17	72	78
10	811216205011	Krishnan K	IV / IT	24	80	18	68	78
11	811216205012	Muthulakshmi P	IV / IT	30	100	17	72	90

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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

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	811216205013	Nandhini C	IV / IT	30	100	20	82	96
13	811216205014	Nelson	IV / IT	27	90	20	85	96
14	811216205015	Parameshwari K	IV / IT	27	90	23	95	96
15	811216205016	Poovaragavan	IV / IT	30	100	20	96	93
16	811216205017	Priyadharshini A	IV / IT	30	100	16	89	90
17	811216205018	Radhika M	IV / IT	24	80	19	88	92
18	811216205019	Roshini A	IV / IT	30	100	14	88	98
19	811216205020	Rubini K	IV / IT	30	100	20	80	90
20	811216205022	Savithri S	IV / IT	30	100	15	60	72
21	811216205023	Selvapathi V	IV / IT	27	90	19	76	88
22	811216205024	Sivakavi S	IV / IT	30	100	22	88	94
23	811216205025	Sivakumar S	IV / IT	27	90	18	72	82
24	811216205026	Thanisha S	IV / IT	30	100	17	68	80
25	811216205027	Thasthagir S	IV / IT	30	100	18	72	86
26	811216205028	Victoriyarani T	IV / IT	30	100	17	68	76
27	811216205029	Vidhyasri M	IV / IT	27	90	17	72	78
28	811216205030	Wasim Akram M	IV / IT	27	90	18	68	78
29	811216205501	Aravindhan S	IV / IT	24	80	17	72	90
30	811217205001	Anitha G	III / IT	30	100	20	80	90

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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

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	811217205002	Balaji V	III / IT	30	96	23	96	98
32	811217205003	Gopal P	III / IT	27	98	23	98	95
33	811217205004	Hariharan S	III / IT	24	96	25	95	99
34	811217205005	Karthick A	III / IT	30	95	22	98	96
35	811217205006	Lisha Y	III / IT	27	84	23	98	92
36	811217205007	Lokeshwaran V	III / IT	30	85	23	98	90
37	811217205008	Merciya Mary A	III / IT	30	86	20	90	80
38	811217205009	Mohamed Riyaj Khan M	III / IT	27	89	22	95	80
39	811217205010	Mukesh Kanna S	III / IT	24	89	22	95	87
40	811217205011	Pakkiyalakshmi A	III / IT	30	88	21	98	87
41	811217205013	Sankar C	III / IT	30	98	20	98	88
42	811217205015	Santhiya K	III / IT	27	85	23	98	89
43	811217205016	Saranya C	III / IT	30	85	24	98	86
44	811217205017	Sudhahar S	III / IT	24	89	20	96	75
45	811217205018	Swetha K	III / IT	30	89	22	85	76
46	811217205019	Tamilselvi M	III / IT	24	89	20	88	77
47	811217205020	Thiruppathi S	III / IT	24	78	22	88	76
48	811217205021	Vijayaraj S	III / IT	30	87	12	78	74
49	811217205022	Vijay Joseph P	III / IT	27	98	17	70	74

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, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

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	811218205001	Deepa T	II / IT	30	98	25	100	98
51	811218205002	Dharshini K	II / IT	30	95	24	98	98
52	811218205003	Gopi U	II / IT	30	92	20	98	99
53	811218205004	Harish R	II / IT	27	99	20	98	96
54	811218205005	Irudhayaraj A	II / IT	30	90	14	87	98
55	811218205006	Janani S	II / IT	30	90	16	85	98
56	811218205007	Janarthanan	II / IT	27	89	12	85	95
57	811218205008	Kamalesh A	II / IT	30	89	13	82	96
58	811218205009	Kaviyarasu C	II / IT	30	87	14	82	93
59	811218205010	Kayalvizhi.B	II / IT	27	78	14	82	97
60	811218205011	Manoharan T	II / IT	30	78	15	82	95
61	811218205012	Meena R	II / IT	24	77	16	86	99
62	811218205013	Milton Billgates J	II / IT	30	79	12	85	93
63	811218205014	Mohammed Aarif J	II / IT	27	72	12	86	93
64	811218205015	Pavithra.N	II / IT	30	98	25	89	94
65	811218205016	Priyanka A	II / IT	30	89	24	89	94
66	811218205017	Robinson Isaiah E	II / IT	30	89	21	87	97
67	811218205018	Selvi M	II / IT	27	98	20	87	94
68	811218205019	Shalini Gayathri S	II / IT	30	88	23	87	94




Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road (NH-48B), Manikandam, Trichy-12.
Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai

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	811218205020	Sivaraman S	II / IT	30	98	25	90	98
70	811218205021	Snekaa R	II / IT	27	98	22	98	95
71	811218205022	Suganya K	II / IT	30	96	24	98	96
72	811218205023	Vasanth S	II / IT	30	89	22	98	93
73	811218205024	Vijayakaran M	II / IT	30	89	24	98	98


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.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. **Rubini.K** of Final year...-IT.....has successfully completed the Value Added Course on “**Cloud Service Management Tools**” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..

Mr. Vivek

Chief Executive Officer

Azatech Pvt, Ltd.

Dt: 30/11/2019

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.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Boopalan.K of Final year ...-IT.....has successfully completed the Value Added Course on “Cloud Service Management Tools” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..


Mr. Vivek

Chief Executive Officer
Azatech Pvt,Ltd.



Dr. G. Balasubramanian, M.B., F.M.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.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Krishnan.K of Final year ...-IT.....has successfully completed the Value Added Course on “Cloud Service Management Tools” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..

Mr. Vivek

Chief Executive Officer

Azatech Pvt,Ltd.

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.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Thanisha.S of Final year ...-IT.....has successfully completed the Value Added Course on “Cloud Service Management Tools” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..

Mr. Vivek

Chief Executive Officer

Azatech Pvt, Ltd.

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.

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. **Sivakavi.S** of Final year ...-IT.....has successfully completed the Value Added Course on “**Cloud Service Management Tools**” organized by Department of Information Technology and IQAC of our Institution in Association with **Azatech Pvt, Ltd** from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..

Mr. Vivek

Chief Executive Officer

Azatech Pvt, Ltd.

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.

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Nelson of Final year ...-IT.....has successfully completed the Value Added Course on “**Cloud Service Management Tools**” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..

Mr. Vivek
Chief Executive Officer
Azatech Pvt, Ltd.

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.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Hariharan.S ofThird year...-IT.....has successfully completed the Value Added Course on “Cloud Service Management Tools” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020.

Mr. Vivek

Chief Executive Officer

Azatech Pvt, Ltd.

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.

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Lisha.Y of Third year ...-IT.....has successfully completed the Value Added Course on “**Cloud Service Management Tools**” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..

Mr. Vivek

Chief Executive Officer

Azatech Pvt, Ltd.

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.

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Sankar.C of Third year ...-IT.....has successfully completed the Value Added Course on “**Cloud Service Management Tools**” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..

Mr. Vivek

Chief Executive Officer

Azatech Pvt,Ltd.

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.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Swetha.K of Third year ...-IT.....has successfully completed the Value Added Course on “**Cloud Service Management Tools**” organized by Department of Information Technology and IQAC of our Institution in Association with **Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..**


Mr. Vivek

Chief Executive Officer
Azatech Pvt,Ltd.



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.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Vijayaraj.S of Third year ...-IT.....has successfully completed the Value Added Course on “Cloud Service Management Tools””organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..



Mr. Vivek

Chief Executive Officer
Azatech Pvt,Ltd.



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.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Vijay Joseph.P of Third year ...-IT.....has successfully completed the Value Added Course on “Cloud Service Management Tools” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..



Mr. Vivek

Chief Executive Officer

Azatech Pvt,Ltd.



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.

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Deepa.T of ...Second year...-IT.....has successfully completed the Value Added Course on “**Cloud Service Management Tools**” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..

Mr. Vivek

Chief Executive Officer

Azatech Pvt, Ltd.

Dr. G. Balakrishnan, M.E.,
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.

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Janani.S of Second year ...-IT.....has successfully completed the Value Added Course on “**Cloud Service Management Tools**””organized by Department of Information Technology and IQAC of our Institution in Association with **Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..**


Mr. Vivek

Chief Executive Officer

Azatech Pvt,Ltd.


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.

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. **Harish.R** of **Second year ...-IT.....** has successfully completed the Value Added Course on “**Cloud Service Management Tools**” organized by Department of Information Technology and IQAC of our Institution in Association with **Azatech Pvt, Ltd** from **26 th November 2019** to **30 th November 2019 (5days)** during the Academic year **2019-2020..**

Mr. Vivek

Chief Executive Officer

Azatech Pvt, Ltd.

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.

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Priyanka.A of Second year ...-IT.....has successfully completed the Value Added Course on “Cloud Service Management Tools” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..


Mr. Vivek

Chief Executive Officer

Azatech Pvt, Ltd.


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

CERTIFICATE of Participation

This is to certify that Mr/Ms. **Suganya.K** of Second year ...-IT.....has successfully completed the Value Added Course on “**Cloud Service Management Tools**” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th **November 2019 to 30 th November 2019 (5days)** during the Academic year 2019-2020..


Mr. Vivek

Chief Executive Officer

Azatech Pvt, Ltd.



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.

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE of Participation

This is to certify that Mr/Ms. Vasanth.S of Second year ...-IT.....has successfully completed the Value Added Course on “Cloud Service Management Tools” organized by Department of Information Technology and IQAC of our Institution in Association with Azatech Pvt, Ltd from 26 th November 2019 to 30 th November 2019 (5days) during the Academic year 2019-2020..



Mr. Vivek

Chief Executive Officer

Azatech Pvt, Ltd.



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

Principal

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



Principal

IGCE