ANNAI VAILANKANNI COLLEGE OF ENGINEERING

(A Christian Minority Institution)

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

Recognized under section 2(f) of UGC Act 1956

Website: www.avce.edu.in

Dr.R Angeline Prabhavathy
PRINCIPAL

AUTHENTICATION CERTIFICATE

This is to certify that the number of Certificate / Value Added Programs offered during the assessment period 2018-2019 to 2022-2023 is 33 and those Certificate/ Value Added Programs conducted by various Departments are not a part of Curriculum prescribed by Anna University.

Year	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Value Added Courses	08	07	06	03	9
Total Number of Add-on / Certificate / Value Added Courses Conducted = 33					

ANNAI VAILANKANNI COLLEGE OF ENGINEERING POTTALKULAM, AZHAGAPPAPURAM P.O. KANYAKUMARI DISTRICT 629 401

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Address:
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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 2018-2019 to 2022-2023)

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1.2.1 Number of Add on / certificate/ Value Added Programs offered during the last five years

Total Number of Courses: 08

2022-2023

Sl.No	Name of Add on / Certificate Programs offered	Course Code	Duration of Course in hours	No of Students Enrolled in the year
1.	Value Added Course Waste Management	VAC2K22CEWM	45 Hours	37
2.	Bridge Course	SH2201	60 Hours	140
3.	Certificate course Master Class on Machine Learning	CS2201	120 Hours	1
4.	Value Added Course THE JOY OF COMPUTING USING PYTHON	CS2202	45 Hours	75
5.	Value Added Course UOI using RASPBERRY PI	VACCSEUO22	45 Hours	92
6.	Value Added Course Introduction to Space Technology	VAC2K22MEST	45 Hours	128
7.	Value Added Course Electronics Design Automation	VACECEED22	45 Hours	44
8.	Value Added Course VHDL Programming	VACAIDSVP22	45 Hours	76
TOTAL STUDENTS				593

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1.2.1 Number of Add on / certificate/ Value Added Programs offered during the last five years

Total Number of Courses: 07

2021-2022

Sl.No	Name of Add on / Certificate Programs offered	Course Code	Duration of Course in hours	No of Students Enrolled in the year
1.	Value Added Course Aptitude and softskill training	PL2101	30 Hours	96
2.	Value Added Course Aptitude training by FACE	PL2102	45 Hours	78
3.	Certificate course NDT	ME2101	30 Hours	16
4.	Certificate course CREO	ME2102	30 Hours	28
5.	Certificate course PRO-E	ME2103	30 Hours	35
6.	Value Added Course Android application development	AI2101	30 Hours	46
7.	Value Added Course REVIT	CE2101	30 Hours	32
TOTAL STUDENTS				331

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1.2.1 Number of Add on / certificate/ Value Added Programs offered during the last five years

Total Number of Courses: 06

2020-2021

Sl.No	Name of Add on / Certificate Programs offered	Course Code	Duration of Course in hours	No of Students Enrolled in the year
1.	Certificate course Pantech e-learning	CS2001	120 Hours	2
2.	Value Added Course Research Methodology	ME2001	120 Hours	25
3.	Value Added Course Cloud Computing Technologies	CS2002	30 Hours	35
4.	Certificate course Mobile Application Development using Android	CS2003	30 Hours	1
5.	Certificate course Getting Started with AI on JETSON NANO	CS2004	120 Hours	2
6.	Value Added Course Employability Skills	PL2001	120 Hours	50
TOTAL STUDENTS				115

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1.2.1 Number of Add on / certificate/ Value Added Programs offered during the last five years

Total Number of Courses: 03

2019-2020

Sl.No	Name of Add on / Certificate Programs offered	Course Code	Duration of Course	No of Students Enrolled in the year
1.	Value Added Course Total Station	CE1901	30 Hours	35
2.	Value Added Course IOT & ROBOTICS	EC1901	30 Hours	47
3.	Value Added Course Android Training and Development	CS1901	30 Hours	70
TOTAL STUDENTS				152

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1.2.1 Number of Certificate/Value added courses offered during the last five years.

Total Number of Courses: 9

S.No	Number of Certificate/Value added courses offered	Course code	Duration of Course in Hours	No of Students Enrolled in the year
1	Value Added Course Python Programming	EC1801	30 Hours	46
2	Value Added Course ROBOTICS	EC1802	30 Hours	46
3	Value Added Course Solid Works	ME1802	30 Hours	164
4	Value Added Course STAAD PRO	CE1801	30 Hours	6
5	Value Added Course JAVA PROGRAMMING	CS1805	30 Hours	76
6	Value Added Course QUANTITATIVE APTITUDE	CS1801	30 Hours	76
7	Value Added Course Basic Python Programming	CS1802	30 Hours	76
8	Value Added Course HTML&C	CS1803	30 Hours	76
9	Value Added Course English Language Training	CS1804	30 Hours	76
			Total students	**642**

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1.2.1 Number of Add on / certificate/ Value Added Programs offered during the last five years

Total Number of Courses: 08

2022-2023

Sl.No	Name of Add on / Certificate Programs offered	Course Code	Duration of Course in hours	No of Students Enrolled in the year
1.	Value Added Course Waste Management	VAC2K22CEWM	45 Hours	37
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4.	Value Added Course THE JOY OF COMPUTING USING PYTHON	CS2202	45 Hours	75
5.	Value Added Course UOI using RASPBERRY PI	VACCSEUO22	45 Hours	92
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DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE

on

"VAC2K22CEWM- Waste Management"

Certificate will be issued.

COURSE OBJECTIVE

- To obtain knowledge in Waste Management and Control.
- To acquire knowledge in Monitoring Pollution in Sanitary Landfills.
- To Gain knowledge in Environmental and health effects on solid waste management.
- To know about the Standards for Treatment and Disposal of Bio-Medical wastes.

Schedule:

01-08-2022 to 09-08-2022

**Subject to change if required

No Course Fees

Fordetails Contact:

Mrs.M.Morrin Gracida
Assistant professor
Department of Civil Engineering
Email:morrin-ce@avce.edu.in

COURSE OUTCOME

- Able to understand-Waste Management and Control.
- Acquire knowledge in Monitoring Pollution in Sanitary Landfills.
- Gain knowledge in Environmental and health effects on solid waste management.
- Knowing the Standards for Treatment and Disposal of Bio-Medical wastes.

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DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2022-2023

CIRCULAR **26/7/22**

Ref: From the desk of the CE HOD/ CE. Ref No: 2022-2023/CE/ VAC2K22CEWM

It is decided to conduct **WASTE MANAGEMENT** Course for II, III & IV Year Civil Engineering Students for the academic year 2022-2023. Students are asked to contact their respective Class in charge for the enrolment of the course on or before 29/7/22.The course will be held from 01/8/22 for II, III & IV year Students.

Venue:

BOSCH LAB

Students are asked to use this opportunity to obtain knowledge in waste management and control.

ALL THE BEST

HOD/CE

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Department of Civil Engineering
Course Code: VAC2K22CEWM
Course Name: Waste Management

SUMMARY

The Value Added Course in "Waste Management" during the academic year 2022-2023, was planned for Civil Engineering students during the month of August 2022. The main intention of the course was to provide knowledge about the Concept of managing waste and disposing them in safe manner 37 students enrolled for the course and participated in the course

Students gained knowledge in various aspects of

- ✓ Understanding -Waste Management and Control.
- ✓ Acquire knowledge in Monitoring Pollution in Sanitary Landfills.
- ✓ Gain knowledge in Environmental and health effects on solid wastemanagement
- ✓ Knowing the Standards for Treatment and Disposal of Bio-Medical wastes

Feedback collected from the students for further improvement in delivery the value added course

COURSE COORDINATOR

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AVK Nagar, PothaiyadiSalai, Pottalkulam
Azhagappapuram Post, Kanyakumari District - 629 401



DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE: WASTE MANAGEMENT

COURSE CODE: VAC2K22CEWM



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WASTE MANAGEMENT– VAC2K19-CIVWM

Syllabus

Unit I -Waste Management and Control

Sources of waste- integrated waste management - waste storage - waste collection- waste transfer and transport methods of disposal-Open dump-landfill Incineration- onsite disposal- sanitary disposal.

Unit II- Monitoring Pollution in Sanitary Landfills

Monitoring pollution in sanitary landfills-hazards effect on pollution from landfills-resource recovery-sustainability- avoidance and reduction method , Waste minimization.

Unit III - Cost

Environmental costs- social costs-economic costs-waste management concepts, Environmental and health effects on solid waste management-environmental aspects.

Unit IV- Environmental and Health Effects of Bio Medical Waste Management

Biomedical wastes –sources and classification of biomedical wastes.

Unit V- Standards for Treatment and Disposal of Bio-Medical wastes

Disposal methods-management of biomedical wastes-control methods-techniques.

Duration 45 Periods

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DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE: WASTE MANAGEMENT

COURSE CODE: VAC2K22CEWM

DAY: I

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	01.08.2022	9.00 AM-10.30 AM	1.30
2	01.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	01.08.2022	1.00 PM-2.30 PM	1.30
4	01.08.2022	2.30 PM-4.00 PM	1.30

DAY: II

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	02.08.2022	9.00 AM-10.30 AM	1.30
2	02.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	02.08.2022	1.00 PM-2.30 PM	1.30
4	02.08.2022	2.30 PM-4.00 PM	1.30

DAY: III

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	03.08.2022	9.00 AM-10.30 AM	1.30
2	03.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	03.08.2022	1.00 PM-2.30 PM	1.30
4	03.08.2022	2.30 PM-4.00 PM	1.30

DAY: IV

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	04.08.2022	9.00 AM-10.30 AM	1.30
2	04.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	04.08.2022	1.00 PM-2.30 PM	1.30
4	04.08.2022	2.30 PM-4.00 PM	1.30

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DAY : V

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	05.08.2022	9.00 AM-10.30 AM	1.30
2	05.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	05.08.2022	1.00 PM-2.30 PM	1.30
4	05.08.2022	2.30 PM-4.00 PM	1.30

DAY: VI

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	06.08.2022	9.00 AM-10.30 AM	1.30
2	06.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	06.08.2022	1.00 PM-2.30 PM	1.30
4	06.08.2022	2.30 PM-4.00 PM	1.30

DAY : VII

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	08.08.2022	9.00 AM-10.30 AM	1.30
2	08.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	08.08.2022	1.00 PM-2.30 PM	1.30
4	08.08.2022	2.30 PM-4.00 PM	1.30

DAY: VIII

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	09.08.2022	9.00 AM-10.30 AM	1.30
2	09.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	09.08.2022	1.00 PM-2.30 PM	1.30
4	09.08.2022	2.30 PM-4.00 PM	1.30

COURSE COORDINATOR

HOD

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VAC COURSE ON WASTE MANAGEMENT
ACADEMIC YEAR 2022-2023
STUDENTS ENROLLED LIST

Sl.No	RegNo	Name	Year
1	960119103001	CHITRA A	IVCivil
2	960119103002	KARTHIKA C	IVCivil
3	960119103003	LAKSHMI E	IVCivil
4	960119103004	SUBHRAI T	IVCivil
5	960119103005	UMA R	IVCivil
6	960119103501	RAJAN K	IVCivil
7	960120103002	JENIN C	IIICivil
8	960120103003	SNEKA C	IIICivil
9	960120103004	THANESH KUMAR R	IIICivil
10	960120103301	ALEX J	IIICivil
11	960120103302	AYNASH JOSHUA T	IIICivil
12	960120103303	BALA MURUGAN R	IIICivil
13	960120103304	ESAIKUMAR J	IIICivil
14	960120103307	PRINCE P R	IIICivil
15	960120103308	PRINCY CHERIYAN	IIICivil
16	960120103309	RAMESH ELANGO R	IIICivil
17	960120103310	SAHAYA GREETES C	IIICivil
18	960120103311	SINDHU M	IIICivil
19	960121103001	ABISH R	IICivil
20	960121103002	ANU DHARSHINI N	IICivil
21	960121103003	BAVI K	IICivil
22	960121103004	DEVI S	IICivil
23	960121103005	JESHIKA S	IICivil
24	960121103008	PAVITHRA K	IICivil
25	960121103009	SNEHA N	IICivil
26	960121103010	SUBISHA J	IICivil
27	960121103011	SWETHA S	IICivil
28	960121103302	ESAKKI PANDI K	IICivil
29	960121103303	JACOB ALLWIN R	IICivil

30	960121103304	JUBISH J	IICivil
31	960121103305	MAGESH M	IICivil
32	960121103306	MARIA ARTHAM	IICivil
33	960121103307	NIBIN N	IICivil
34	960121103308	RATHEESH C	IICivil
35	960121103310	SENTHIL KUMAR K	IICivil
36	960121103311	SUJIN P	IICivil
37	960121103312	VINU C	IICivil

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DEPARTMENT OF CIVIL ENGINEERING
VAC COURSE ON WASTE MANAGEMENT

MCQs on Waste Management

1. Waste removal system was established in which of the following cities for the first time?

(a) Athens

(b) Lahore

(c) Paris

(d) London

2. Which of the following solid wastes describes the term 'Municipal Solid Waste'?

(a) Toxic

(b) Hazardous

(c) Non-toxic

(d) Non-hazardous

3. Why is it difficult to recycle plastics?

(a) It is very hard

(b) It comes in different sizes

(c) It is adhesive

(d) It contains different types of polymer resins

4. Which of the following is done on an individual level?

(a) Burning

(b) Disposal

(c) Recycling

(d) Source reduction

5. Why is recycled paper banned for use in food containers?

(a) Because it creates a lot of spaces

(b) Because it creates contamination

(c) Because paper can be used only one time

(d) Because paper is very thick and can't cover the food containers

6. Which of the following plans is used as a waste management plan?

(a) Plan for reuse

(b) The integrated plan

(c) Plan for recycling

(d) Plan for reducing

7. The organic material of the solid waste will decompose

(a) By the flow of water

(b) By the soil particles

(c) By the action of microorganisms

(d) By oxidation

8. Which of the following wastes is called the Municipal Solid Waste (MSW)?

(a) Food wastes

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(b) Wood pieces

(c) Plastic cans

(d) All of the above

9. The process of burning municipal solid wastes under suitable temperature and conditions in a specific furnace is called _____.

(a) Landfill

(b) Incineration

(c) Recycling

(d) Vermi composting

10. The burning of solid waste is not recommended because

(a) It is very costly

(b) It requires a lot of space

(c) It requires modern technologies

(d) It causes several environmental issues

11. When the organic matter present in the sanitary landfill decomposes, it generates

(a) Methane

(b) Nitrogen

(c) Hydrogen

(d) All of the above

12. Which of the following is the oldest and the most common method used to dump solid wastes?

(a) River

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(b) Ocean

(c) Landfill

(d) None of the above

13. The disposable wastes contain

(a) Solids

(b) Slurries

(c) Liquids

(d) All of the above

14. Find the correct statement

(a) The waste from one process becomes the input for another process

(b) All the processes related to consumption and production produce some kind of waste

(c) There is no real waste in nature

(d) All of the above

15. Which of the following methods is better for the solid waste problem?

(a) Recycling

(b) Landfilling

(c) Both a and b

(d) None of the above

16. Which of the following statements is incorrect for plastic wastes?

(a) It is used to make compost

(b) It lasts for a longer period of time

(c) Toxic fumes are produced when burnt

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(d) All of the above

17. Which of the following can be recycled many times?

(a) Wood

(b) Plastic

(c) Aluminium

(d) Organic materials

18. Which of the following gas is produced from landfill wastes?

(a) Biogas

(b) Natural gas

(c) Liquified petroleum gas

(d) All of the above

19. Which of the following statements is true about zero waste management?

(a) Separate collection of each kind of waste

(b) Segregation of garbage at the source

(c) Community involvement

(d) All of the above

20. How many main components are there in integrated waste management?

(a) Two

(b) Three

(c) Seven

(d) Eleven

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21. Amongst the following options of solid wastes, which one describes the term "Municipal Solid Waste"?

a. Hazardous
b. Toxic
c. Non-hazardous
d. Non-toxic

22. Which among the following is used to dump the waste collected in the cities?

a. Landfills
b. Oceans
c. River
d. All of the above

23. Which of the following material can be recycled multiple times?

a. Aluminium
b. Wood
c. Organic Materials
d. Plastic

24. The gas produced from the landfill wastes is known as _____

a. Liquified Petroleum Gas
b. Natural Gas
c. Biogas
d. None of the above

25. Solid Waste Management has how many functional components?

a. Four
b. Five
c. Six
d. Three

26. What is the full form of ISWM?

a. Integrated Solid Waste Machine
b. International Solid Waste Management
c. International Solid Waste Mechanism
d. Integrated Solid Waste Management

27. How many ways are there to treat the waste thermally?

a. 3

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b. 6
c. 2
d. 5

28. Which gas is generated on the decomposition of the organic matter present in the sanitary landfill?

a. Oxygen
b. Methane
c. Nitrogen
d. Hydrogen

29. Identify the incorrect statement of the following given statements regarding the plastic wastes.

a. Plastic can be used to form compost
b. When we burn plastic, toxic fumes are released
c. These wastes last for a longer period of time
d. All of the above

30.. How many types of landfills are there?

a. 5
b. 2
c. 3
d. 4

31. How many major sources of solid waste are there based on their origin?
a) 10
b) 5
c) 9
d) 6

32. Which of the below is not an idea behind solid waste management?
a) Control of waste generation
b) Storage and collection
c) Disposal
d) Stop waste generation

33. The number of functional components of solid waste management is:
a) 5
b) 3
c) 6

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d) 4

34. The term ISWM refers to:
a) International Solid Waste Management
b) Integrated Solid Waste Management
c) Integrated Solid Waste Machine
d) International Solid Waste Mechanism

35. There are _____ ways to treat waste thermally.
a) 5
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d) 6

36.How many types of landfills are there?
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b) 2
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37. The WHO has classified the bio-medical waste into _____ categories.
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38. Which gas produced in open dumps from the decomposition of biodegradable waste?
a) Ethane
b) Methane
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d) Ethene

39. The newspaper contains one of the following toxic materials. it is

1. Cadmium
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40. The organic material of the solid waste will decompose

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1. Incineration
2. Burying in landfill sites
3. Dumping in developing countries
4. Recycling

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4. Three

48. Which integrated waste management is reduced on an individual level?

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49. Which of the following statements is not true about plastic waste?

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2. It lasts longer
3. The toxic smoke is produced during combustion
4. All of the above

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2. Composting
3. Waste to Energy
4. Recycling

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DEPARTMENT OF CIVIL ENGINEERING

VAC COURSE ON WASTE MANAGEMENT

MCQs on Waste Management with answers

1. Waste removal system was established in which of the following cities for the first time?

(a) Athens

(b) Lahore

(c) Paris

(d) London

Sol:(a) Athens.

2. Which of the following solid wastes describes the term 'Municipal Solid Waste'?

(a) Toxic

(b) Hazardous

(c) Non-toxic

(d) Non-hazardous

Sol:(d) Non-hazardous.

3. Why is it difficult to recycle plastics?

(a) It is very hard

(b) It comes in different sizes

(c) It is adhesive

(d) It contains different types of polymer resins

(b) It comes in different sizes

(c) It is adhesive

(d) It contains different types of polymer resins

Sol:(d) It contains different types of polymer resins

4. Which of the following is done on an individual level?

(a) Burning

(b) Disposal

(c) Recycling

(d) Source reduction

Sol: (d) Source reduction.

5. Why is recycled paper banned for use in food containers?

(a) Because it creates a lot of spaces

(b) Because it creates contamination

(c) Because paper can be used only one time

(d) Because paper is very thick and can't cover the food containers

Sol: (b) Because it creates contamination.

6. Which of the following plans is used as a waste management plan?

(a) Plan for reuse

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(c) Plan for recycling

(d) Plan for reducing



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Sol:(b) The integrated plan.

7. The organic material of the solid waste will decompose

(a) By the flow of water

(b) By the soil particles

(c) By the action of microorganisms

(d) By oxidation

Sol:(c) By the action of microorganisms.

8. Which of the following wastes is called the Municipal Solid Waste (MSW)?

(a) Food wastes

(b) Wood pieces

(c) Plastic cans

(d) All of the above

Sol:(d) All of the above.

9. The process of burning municipal solid wastes under suitable temperature and conditions in a specific furnace is called _____.

(a) Landfill

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(c) Recycling

(d) Vermicomposting

Sol: (b) Incineration.

10. The burning of solid waste is not recommended because

(a) It is very costly



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(b) It requires a lot of space

(c) It requires modern technologies

(d) It causes several environmental issues

Sol:(d) It causes several environmental issues.

11. When the organic matter present in the sanitary landfill decomposes, it generates

(a) Methane

(b) Nitrogen

(c) Hydrogen

(d) All of the above

Sol: (a) Methane

12. Which of the following is the oldest and the most common method used to dump solid wastes?

(a) River

(b) Ocean

(c) Landfill

(d) None of the above

Sol:(c) Landfill.

13. The disposable wastes contain

(a) Solids

(b) Slurries

(c) Liquids

(d) All of the above



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Sol:(d) All of the above.

14. Find the correct statement

(a) The waste from one process becomes the input for another process

(b) All the processes related to consumption and production produce some kind of waste

(c) There is no real waste in nature

(d) All of the above

Sol:(d) All of the above.

15. Which of the following methods is better for the solid waste problem?

(a) Recycling

(b) Landfilling

(c) Both a and b

(d) None of the above

Sol: (a) Recycling.

16. Which of the following statements is incorrect for plastic wastes?

(a) It is used to make compost

(b) It lasts for a longer period of time

(c) Toxic fumes are produced when burnt

(d) All of the above

Sol: (a) It is used to make compost.

17. Which of the following can be recycled many times?

(a) Wood

(b) Plastic



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(c) Aluminium

(d) Organic materials

Sol:(c) Aluminum.

18. Which of the following gas is produced from landfill wastes?

(a) Biogas

(b) Natural gas

(c) Liquified petroleum gas

(d) All of the above

Sol:(a) Biogas.

19. Which of the following statements is true about zero waste management?

(a) Separate collection of each kind of waste

(b) Segregation of garbage at the source

(c) Community involvement

(d) All of the above

Sol:(d) All of the above.

20. How many main components are there in integrated waste management?

(a) Two

(b) Three

(c) Seven

(d) Eleven

Sol:(b) Three.

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AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

21. Amongst the following options of solid wastes, which one describes the term "Municipal Solid Waste"?

a. Hazardous
b. Toxic
c. Non-hazardous
d. Non-toxic

Ans: c. Non-Hazardous

22. Which among the following is used to dump the waste collected in the cities?

a. Landfills
b. Oceans
c. River
d. All of the above

Ans: a. Landfills

23. Which of the following material can be recycled multiple times?

a. Aluminium
b. Wood
c. Organic Materials
d. Plastic

Ans: a. Aluminium

24. The gas produced from the landfill wastes is known as _____

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b. Natural Gas
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d. None of the above

25. Solid Waste Management has how many functional components?

a. Four
b. Five
c. Six
d. Three

Ans: c. Six

26. What is the full form of ISWM?





a. Integrated Solid Waste Machine
b. International Solid Waste Management
c. International Solid Waste Mechanism
d. Integrated Solid Waste Management

Ans: d. Integrated Solid Waste Management

27. How many ways are there to treat the waste thermally?

a. 3
b. 6
c. 2
d. 5

Ans. a. 3

28. Which gas is generated on the decomposition of the organic matter present in the sanitary landfill?

a. Oxygen
b. Methane
c. Nitrogen
d. Hydrogen

Ans: b. Methane

29. Identity the incorrect statement of the following given statements regarding the plastic wastes.

a. Plastic can be used to form compost
b. When we burn plastic, toxic fumes are released
c. These wastes last for a longer period of time
d. All of the above

Ans. a. Plastic can be used to form compost

30.. How many types of landfills are there?

a. 5
b. 2
c. 3
d. 4

Ans. c. 3



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31. How many major sources of solid waste are there based on their origin?
a) 10
b) 5
c) 9
d) 6

Answer: c

32. Which of the below is not an idea behind solid waste management?
a) Control of waste generation
b) Storage and collection
c) Disposal
d) Stop waste generation

Answer: d

33. The number of functional components of solid waste management is:
a) 5
b) 3
c) 6
d) 4

Answer: c

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Answer: b

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Answer: a

37. The WHO has classified the bio-medical waste into _____ categories.
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Answer: b

38. Which gas produced in open dumps from the decomposition of biodegradable waste?
a) Ethane
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Answer: b

39. The newspaper contains one of the following toxic materials. it is

1. Cadmium
2. Pb
3. Mercury
4. Mg

Answer – b, Pb

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1. By the flow of water
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3. The action of microorganisms
4. By oxidation

Answer – c, By the act of microorganisms

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41. Eventually, the only solution for the treatment of e-waste, provided it is carried out in an environment-friendly manner, is:

1. Incineration
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Answer – d, Recycling

42. Why is plastic so difficult to recycle?

1. It's a rigid material.
2. Because plastic is inherently sticky,
3. Due to different types of polymer resins
4. Due to the different sizes of plastic

Answer – c, Due to different kinds of polymer resins

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1. piece of wood
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Answer – d, all of the above

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R. Uma
IV Civil

50/50

DEPARTMENT OF CIVIL ENGINEERING
VAC COURSE ON WASTE MANAGEMENT

MCQs on Waste Management

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AZHAGAPPAPURAM P.O,NK DISTRICT,TAMIL NADU 629 401

VALUE ADDED COURSE: WASTE MANAGEMENT

COURSE CODE: VAC2022CEOM

SL.NO	NAME OF THE STUDENT	YEAR/SEC	MARKS(100)
1	CHITRA S	IV/CE	95
2	KARTHIKA C	IV/CE	82
3	LALEGHITH	IV/CE	100
4	[illegible]	IV/CE	90
5	ISAAC	IV/CE	100
6	RAJAVEL	IV/CE	85
7	[illegible]	III/CE	93
8	[illegible]	III/CE	100
9	[illegible]	III/CE	100
10	[illegible]	III/CE	87
11	[illegible]	III/CE	80
12	[illegible]	III/CE	91
13	[illegible]	III/CE	87
14	PRINCE P A	III/CE	90
15	[illegible]	III/CE	100
16	[illegible]	III/CE	83
17	[illegible]	III/CE	84
18	[illegible]	III/CE	91
19	[illegible]	II/CE	87
20	[illegible]	II/CE	90
21	[illegible]	II/CE	100
22	[illegible]	II/CE	100
23	[illegible]	II/CE	100
24	[illegible]	II/CE	100
25	[illegible]	II/CE	92
26	[illegible]	II/CE	92
27	[illegible]	II/CE	92
28	[illegible]	II/CE	95
29	[illegible]	II/CE	98
30	[illegible]	II/CE	82
31	[illegible]	II/CE	89
32	[illegible]	II/CE	78
33	[illegible]	II/CE	93
34	[illegible]	II/CE	92
35	[illegible]	II/CE	98
36	[illegible]	II/CE	86
37	[illegible]	II/CE	96

COURSE COORDINATOR

HOD

POTTALKULAM AZHAGAPPAPURAM P.O. KANYAKUMARI DISTRICT 629 401

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Annai Vailankanni College of Engineering

(Approved by AICTE & Affiliated to Anna University, Chennai)

AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

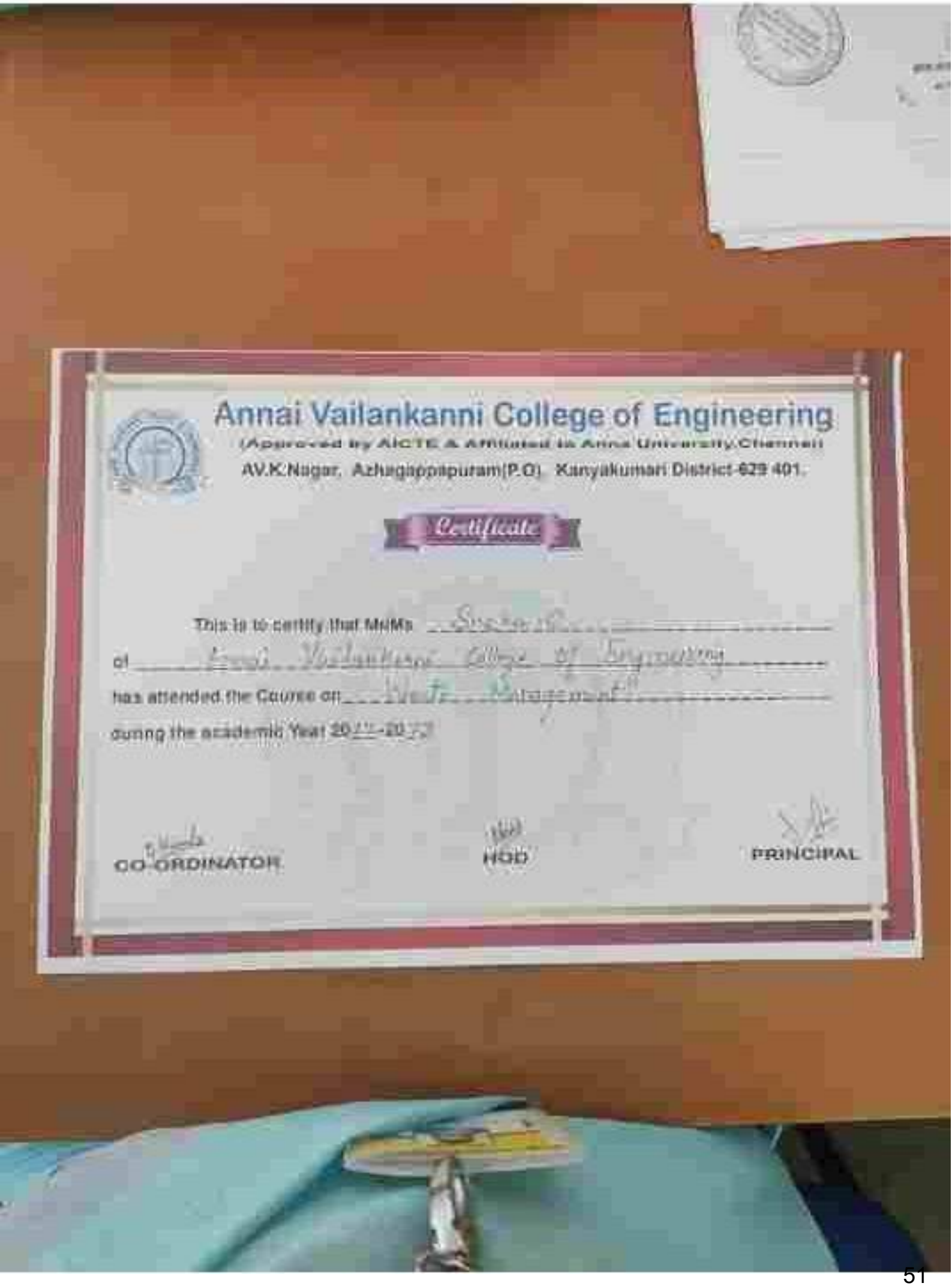
This is to certify that Mr/Ms Sneka. C

of Annai Vailankanni College of Engineering

has attended the Course on Waste Management

during the academic Year 2022-2023

CO-ORDINATOR HOD PRINCIPAL



Annai Vailankanni College of Engineering

(Approved by AICTE & Affiliated to Anna University,Chennai)

AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms _____

of _____

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during the academic Year 20__-20__

CO-ORDINATOR

HOD

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DEPARTMENTOFCIVIL ENGINEERING

FEEDBACK

(Valueadded/Course Training)

NameoftheProgram	:	CertificateCourseTraining		
Topic	:	Waste Management		
Date:	:	1/8/2022 - 9/8/2022	*Time:*	9.00 am - 4.00 pm
Year	:	I/II/III/IV/Others		

1. **Thequalityof thecourscontent:**

   5. Excellent ✓4.VeryGood 3.Good 2. Satisfactory 1. Poor

2. **Thesequenceofthe Training plan:**

   ✓5 Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

3. **YourExpectationand levelofthe Training:**

   5. Excellent ✓4.VeryGood 3.Good 2. Satisfactory 1.Poor

4. **Interaction/ Hands-onSessionsofthefaculty:**

   ✓5 Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

5. **Thequalityof coursematerial:**

   ✓5 Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

6. **Thetrainingwasclear andeasyunderstand:**

   ✓5 Excellent 4.VeryGood 3.Good 2. Satisfactory 1. Poor

7. **Suggestionforimpcovementifany** : More value added course training can be conducted.

8. **Overallratingaboutcertificatecourse/ValueaddedCourse Training** :

   ✓5 Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

R. Uma

Name& Signatureofthe Participant

PRINCIPAL

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

POTTAKKULAM

AZHAGAPPAPURAM - 629 851

KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OFENGINEERING

AVK Nagar, Pottalkulam, Azhagappapuram P.O

REPORT ON

INDUCTION PROGRAM – 2022-2023

INTRODUCTION:

As per Anna University norms, the induction program of the first year students began on 14-11-2022 with the inauguration in the name of Freshers' Day. Mrs. Mary prince Latha, the Deputy Mayor of Nagercoil Corporation Collegewas invited as the Chief Guest of the Day. She shared the issues of the present-day youth and the role of parents in protecting their children. Mr. Hari Kiran Prasad, IPS, District Superintendent of Police was the Guest of Honour. He insisted on the importance of characterwith many life-time experiences. Chairman Dr. D. Peter Jesudhas delivered his presidential address. Principal Dr.G. Kalivarathan addressed the audience about the facilities collegedevelopments.

PROGRAM SCHEDULE *NOVEMBER 14, 2022*			
10.30 am	Prayer Song	:	College Choir
10.35 am	Lighting of Kuthuvilakku	:	Dignitaries
10.40 am	Welcome Address	:	Er. David Philip Daniel, Director, AVCE
10.50 am	Welcome Dance	:	S. Subitha& R.T Monika (II CSE)
10.55 am	Introduction about College	:	Dr. G. Kalivarathan, Principal, AVCE.
11:10 am	Presidential Address	:	Dr. D. Peter Jesudhas, Chairman, AVCE
11.15 am	Chief Guest Address	:	Deputy Mayor Ms. Mary Prince Latha, Nagercoil Corporation

PRINCIPAL

11.25 am	Guest of Honour Address	:	Mr. D. N. Hari Kiran Prasad, IPS Superintendent of Police, Kanyakumari Dist.
11.35 am	Felicitation	:	Mr. M Rose Cyril Xavier Assistant General Manager-BSNL(Rtd)
11.45 am	Message from senior students	:	Yuvaraja Vishnu R. (IV MECH) Nandhini A (IV ECE) Monisha M (II B. Tech.AI & DS) Jeshika S (II CIVIL)
12.00 pm	Announcement & instructions	:	Dr. M. R. Anila Rose, HOD, S&H.
12.10 pm	Vote of thanks	:	Dr. G. Golding Sheeba Asst. Prof., S&H
12.15	National anthem	:	College choir
12.20	Lunch		

Convener

Head of the Institution

As a part of identifyingthe skills of our students, they were asked to choose one skill related to the arts whether visual arts or performing arts. They were given chance to perform their art and skillslike oratory, essay writing, poem composing, quiz, drawing, painting, sculpture, pottery, music, dance etc. And the names of students were segregated into different groups based on their interests and talents.

COMPETITIONS:

Eleven groups were formed to encourage the skills of our students and they were encouraged to improve their skills and they were brought to the dais to perform their

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skills. As a part of improving their skills, it was decided to conduct competitions to them based on their interests. Students were very interested in enrolling their names to participate in various competitions such as elocution, essay writing, poem composing, quiz, drawing, painting, singing and dance.

COMPETITIONS:

We have planned and conductedeleven competitions to find out the skills and bring out them. So, competitions on Drawing, Painting, Essay Writing in Tamil, Essay Writing in English, Poem Composing in Tamil and Poem Composing in English have been conducted through online mode. But unfortunately, all the students were not able to send the soft copy of their drawings, paintings and scripts due to network. And it is decided to give them chance to submit the hard copy on Monday.

DRAWING AND PAINTING COMPETITIONS:

Forty- fivestudents chose drawing as their interested skill and enrolled their names to participate in drawing and painting competitions. We have received the soft copy of the drawings and paintings from 18 participants only.

ESSAY WRITING COMPETITIONS:

Twenty-seven students prefer the skill, "Art of Writing Essays". Seventeen students enrolled their names for Essay Writing Competitions in Tamil and 27 students for Essay Writing Competitions in English.

POEM COMPOSING COMPETITIONS:

Fifteen students were able to identify their poem composing skill and all of them enrolled their names to participate in the poem composing competition. All of them decided to participate in both Tamil and English Poem Composing Competitions.

LIST OF PARTICIPANTS

S.NO	NAME OF THE EVENTS	NAME OF THE PARTICIPANTS	BRANCH
1.	DANCE (SOLO)		
2.	DANCE (GROUP)		
3.	SONG (SOLO)		
4.	SONG (GROUP)		
5.	ELOCUTION(TAMIL)		
6.	ELOCUTION (ENGLISH)		
7.	DRAWING		
8.	POETRY WRITING		
9.	QUIZ		

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TIRUVANNAMALAI - 606 603

Finally the valedictory program was held on 28-11-2022 in the afternoon session external judges Mr. Robert and Mrs.Sweety have judged the program and the selection list was finalised ,at last the program came to an end at 3.3o pm.

COORDINATOR

HOD PRINCIPAL

PRINCIPAL

Winning Edge-2022



An exposure visit to Vattakottai Fort, Kanyakumari



ANNAI VAILANKANNI COLLEGE OF ENGINEERING

1. Introduction about college, courses and department -1
2. Literary Activity- 3
3. Motivating videos-1
4. Motivating speech- 1
5. Legal awareness program-1
6. Universal Human Values- 4
7. Website Development- 3
8. Robotics- 2
9. Mechanical Lab- 2
10. EDC-1
11. Library- 2
12. Sports-2
13. Skills Development- 2
14. Creative Art- 2
15. Competitions-2
16. NCC/NSS-1
17. Placement- 1
18. Basic Computer- 5
19. Basic English- 5
20. Fundamental Mathematics-5
21. Fundamental Physics-5
22. Fundamental Chemistry-5
23. Winning Edge- 7
24. Field trip-7

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTAVELIKAM
AZHIYAMPOZHIKAM - 629 001
KANYAKUMARI DIST.

BRIDGE COURSE STUDENTS NAME LIST

S.NO	STUDENTS NAME
1.	ABINASH E
2.	ABINESH N
3.	ANITHA A
4.	ANUSIYA M
5.	ARCHANA T
6.	ARI VENKATESH N
7.	AROCKIA JOE A
8.	AROCKIA REJALDO R
9.	DEEPAK B
10.	DEVIKA V
11.	DONI D
12.	ESAKIAMMAL P
13.	EZHILAN M
14.	GANESH M
15.	JOSEWA A
16.	KALIYAMMAL M
17.	KARAN M
18.	KARTHEESAN S
19.	KRITHIKA B
20.	LIVIN RAJ P
21.	MADHAN RAJ M
22.	MADHUMITHA M
23.	MADHU PRIYA G
24.	MAHALAKSHMI T
25.	MARIA SARANYA J
26.	MATHAN P
27.	MUTHUMARI M
28.	POOJA T
29.	PUVANESWAR M
30.	RABEENA R
31.	RAMEENA R
32.	SAJIN S
33.	SANJAI I
34.	SANTHANA LAKSHMI M
35.	SATHYABAMA G
36.	SERINA DHAS S
37.	SHYLAM R
38.	SIVABHARATHI B

BRIDGE COURSE STUDENTS NAME LIST

S.NO	STUDENTS NAME
1.	ABINASH E
2.	ABINESH M
3.	ANITHA A
4.	ANUSIYA M
5.	ARCHANA T
6.	ARI VENKATESH N
7.	AROCKIA JOE A
8.	AROCKIA REJALDO R
9.	DEEPAK B
10.	DEVIKA V
11.	DONI D
12.	ESAKIAMMAL P
13.	EZHILAN M
14.	GANESH M
15.	JOSEWA A
16.	KALIYAMMAL M
17.	KARAN M
18.	KARTHEESAN S
19.	KRITHIKA B
20.	LIVIN RAJ P
21.	MADHAN RAJ M
22.	MADHUMITHA M
23.	MADHU PRIYA G
24.	MAHALAKSHMI T
25.	MARIA SARANYA J
26.	MATHAN P
27.	MUTHUMARI M
28.	POOJA T
29.	PUVANESWAR M
30.	RABEENA R
31.	RAMEENA R
32.	SAJIN S
33.	SANJAI T
34.	SANTHANA LAKSHMI M
35.	SATHYABAMA G
36.	SERINA DHAS S
37.	SHYLAM R
38.	SIVABHARATHI B

PGT (ALGEBRA)
KAMARAJ NAGAR - 629 401
KANYAKUMARI DIST.

BRIDGE COURSE STUDENTS NAME LIST

39.	SIVAGAMI G
40.	SUJI S
41.	TAMIZH SELVAN A
42.	THOMAI ARUL AJIES T
43.	THRISA S
44.	VICTORIYA J
45.	VINOSHA V
46.	VISHNU S
47.	ANTONY BOBIN JOHN J
48.	ARCHITHA N
49.	AUGESTO S
50.	CHANDRA G
51.	EBENEZER A
52.	ELSON SANTRA E
53.	GLARANCE WISEMAN M
54.	GODLIN SHARON W
55.	ISSAAM RATIB T U
56.	JEBA SELVI D
57.	KATHIRVEL G
58.	KAVIYA T
59.	MARUTHESH S
60.	PIRAJICSHAN A
61.	PONSALINI R
62.	PRASHIBA S
63.	SANTHOSH KUMAR A B V
64.	SARAN RAJ S
65.	SELVA BHARATHI M
66.	SHIVA THANU C
67.	SREEJA K
68.	STANLY STUVET S
69.	SUBRAMANIYAN K
70.	SUDALAI MANI N
71.	VENNILA M
72.	ABISHEK RAJAN M
73.	AKILESH M
74.	ANANTH R M
75.	ARAVINDH K
76.	ARUN C
77.	BHARATH DHAYANITHI B

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ANNAI VALANKANNI COLLEGE OF ENGINEERING
AZHAGAPPANDIAPURAM

BRIDGE COURSE STUDENTS NAME LIST

78.	DIVIN S
79.	INTHRAJITH C
80.	JELIN S
81.	KALYANA RAMAN S
82.	SIVA P
83.	THIBIK U
84.	VIDSKA RIGIN A
85.	ABINAYA S L
86.	AJAY J A
87.	AKSHEN S
88.	ALDRINE JASCO S V
89.	ANANTHA KUMARAVEL R
90.	ANANTHI B
91.	ARAVINTHA SELVA P
92.	ARUNACHALAM AKASH M
93.	BABIN SARAVANAN S R
94.	CHANDRU S
95.	DINESH BALAN M
96.	HELINA SHEELY C
97.	JEBASTIN PRABHU J
98.	KALINE RIO SYLVIA D
99.	KANISH M
100.	KAVIYA J
101.	KIRUTHIKA B
102.	KITHERI SAHAYA MILCY T
103.	KRISHNA KUMAR
104.	MAHESH B S
105.	MAHESWARI M
106.	MINI GLADIS V
107.	MOSES L
108.	NISHANTH M A
109.	PON SUMILY P
110.	PRATHIPA A
111.	RABINESH R
112.	RATHISAN R
113.	SABINESH V
114.	SATHA SINGH M
115.	SENTHIL M
116.	SHAMA PRASAD R T

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POTHALAIYUR
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

BRIDGE COURSE STUDENTS NAME LIST

117.	SIVA A M
118.	SIVA PRANESH R
119.	VEERSATHI M
120.	VENICE K EBANEZAR K
121.	INBA MUKILA
122.	JENIFER J
123.	RANFANT JOSE SAIUNA S
124.	SIVA BHARATHI S
125.	SURESH A
126.	BALA MURUGAN M
127.	CHRISTAL SUBITHA D
128.	MALATHY B
129.	MALLIKA S
130.	NISHA A
131.	SAHAYA KALAI SELVI B
132.	SELVA SUTHA A
133.	SIVAKAMI S
134.	ANISH.S
135.	ANISHA.A
136.	ANITHA.M
137.	ASHA.D
138.	ASHIKA.M
139.	ASWATHI.M
140.	BAVITHRA.K

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Certificate No PS-APSSDC-MLPARTI-5141

Skill AP
APSSDC

Pantech e Learning
DIGITAL LEARNING SIMPLIFIED

PANTECH SOLUTIONS
Technology Beyond The Dreams

CERTIFICATE
OF PARTICIPATION

NAME Ms.MINI.N

COLLEGE ANNAI VAILANKANNI COLLEGE OF ENGINEERING POTTALKULAM

has Successfully Completed

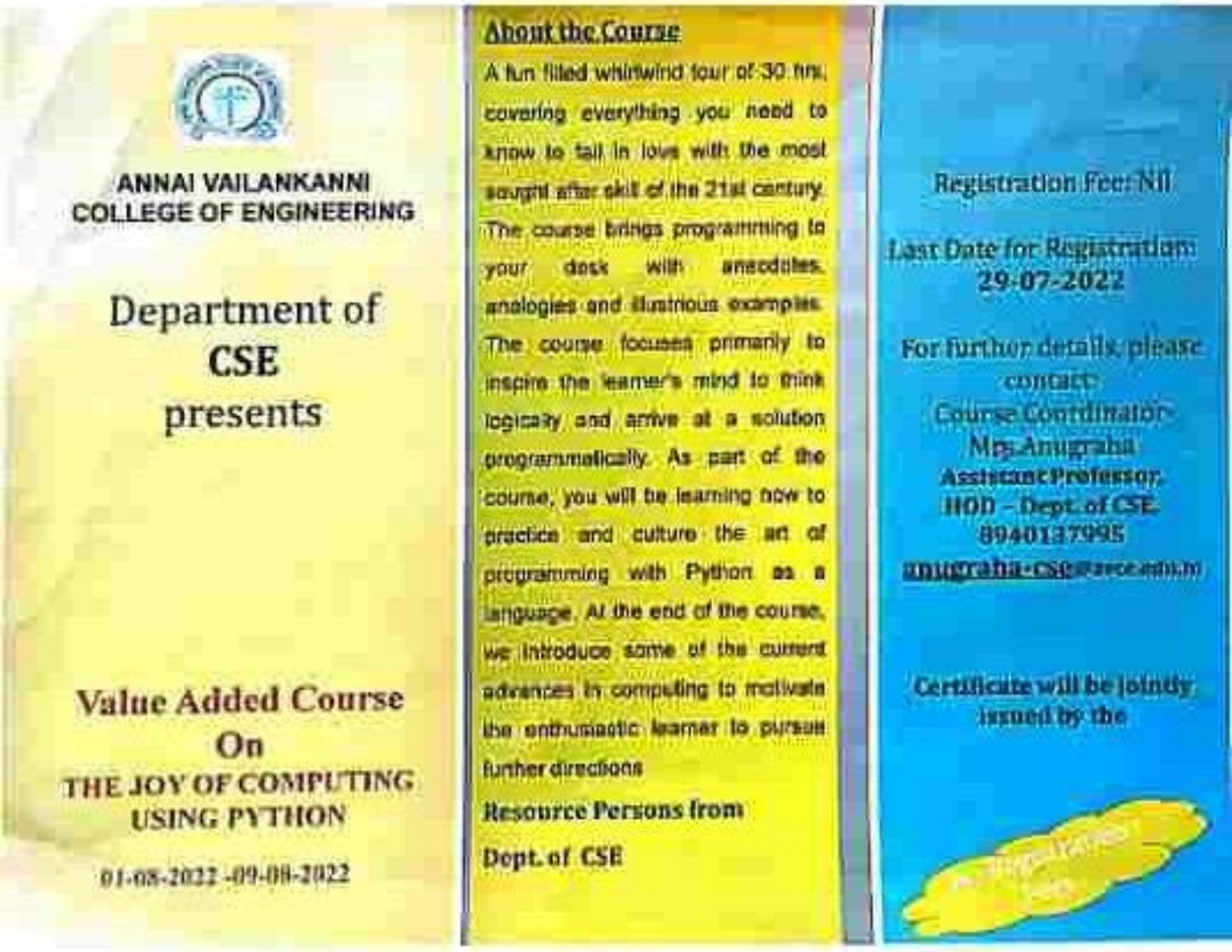
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M.Malaiyappan
Director
Pantech e Learning

Dr.Ravi Gujjala
Chief General Manager (Technical)
APSSDC


ANNAI VAILANKANNI
COLLEGE OF ENGINEERING
Department of
CSE
presents
Value Added Course
On
THE JOY OF COMPUTING
USING PYTHON
01-08-2022 -09-08-2022
About the Course
A fun filled whirlwind tour of 30 hrs, covering everything you need to know to fall in love with the most sought after skill of the 21st century. The course brings programming to your desk with anecdotes, analogies and illustrious examples. The course focuses primarily to inspire the learner's mind to think logically and arrive at a solution programmatically. As part of the course, you will be learning how to practice and culture the art of programming with Python as a language. At the end of the course, we introduce some of the current advances in computing to motivate the enthusiastic learner to pursue further directions
Resource Persons from
Dept. of CSE
Registration Fee: Nil
Last Date for Registration:
29-07-2022
For further details, please contact:
Course Coordinator:
Mrs.Anugraha
Assistant Professor,
HOD - Dept. of CSE
8940137995
anugraha-cse@avce.edu.in
Certificate will be jointly issued by the

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

(A Christian Minority Institution)

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

Recognized under section 2(f) of UGC Act 1956

Website: www.avec.edu.in

CIRCULAR

Date: 27/7/22

Ref: From the desk of the CSE HOD/ CSE. Ref No:2022-2023/CSE/VACC501

It is decided to conduct **THE JOY OF COMPUTING USING PYTHON** Course for II, III & IV Year Computer Science and Engineering Students for the academic year 2022-2023. Students are asked to contact their respective Class in charge for the enrolment of the course on or before29/7/22.The course will be held from01/8/22 for II, III & IV year Students in Computer Lab.

Venue:

Computer Lab

Students are asked to use this opportunity to learn how to practice and culture the art of programming with Python as a language.

ALL THE BEST

HOD/CSE

Address:
AVE Nagar, Puthalkulam,
Athangaraipuram Post, Kanyakumari District - 629401.

Email:
info@avec.edu.in

Phone:
+91-99410 11758
+91-99410 11759
+91-99410 11760

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothaiyadi Salai,Pottalkulam,Azhagappapuram P.o, Kanyakumari District, Tamil Nadu.629401

Academic Year: 2022-2023

Centre for value Added Courses

Programme Code & Name : **104, Computer Science and Engineering**

Name of the Course : **THE JOY OF COMPUTING USING PYTHON**

Year : **II, III & IV**

Duration of Course : **45 Hrs**

Course Outline: A fun filled whirlwind tour of 30 hrs, covering everything you need to know to fall in love with the most sought after skill of the 21st century. The course brings programming to your desk with anecdotes, analogies and illustrious examples. Turning abstractions to insights and engineering to art, the course focuses primarily to inspire the learner's mind to think logically and arrive at a solution programmatically. As part of the course, you will be learning how to practice and culture the art of programming with Python as a language. At the end of the course, we introduce some of the current advances in computing to motivate the enthusiastic learner to pursue further directions

Course Content:

Motivation for Computing | Welcome to Programming.

Variables and Expressions. Design your own calculator | Loops and Conditionals, Hopscotch once again.

Lists, Tuples and Conditionals, Lets go on a trip | Abstraction Everywhere: Apps in your phone.

Counting Candies: Crowd to the rescue | Birthday Paradox: Find your twin.

Google Translate: Speak in any Language: | Currency Converter: Count your foreign trip expenses.

Monte Hall: 3 doors and a twist | Sorting: Arrange the books.

Searching: Find in seconds | Substitution Cipher: What's the secret!!

Sentiment Analysis: Analyse your Facebook data | I can read your mind.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING POTTALKULAM AZHAGAPPAPURAM P.O KANYAKUMARI DIST. 629 401

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POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Permutations: Jumbled Words | Spot the similarities: Dobble game.

Count the words: Hundreds, Thousands or Millions | Rock, Paper and Scissor: Cheating not allowed!!

Lie detector: No lies, only TRUTH | Calculation of the Area : Don't measure. | Six degrees of separation: Meet your favourites | Image Processing: Fun with images.

Tic tactoe : Let's play | Snakes and Ladders : Down the memory lane | Recursion : Tower of Hanoi | Page Rank : How Google Works !!

Course in-charge **Coordinator** **Head of the Department**

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKURAICHI
AZHAGAPPAPURAM P.O.
KANYAKUMARI DISTRICT
629 401

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKURAICHI
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVE Nagar, Pottaikadu, Arungapperur Post, K.K.Dist – 629 401

Department of Computer Science and Engineering

Academic Year 2021-2022
Value Added Course

Year II

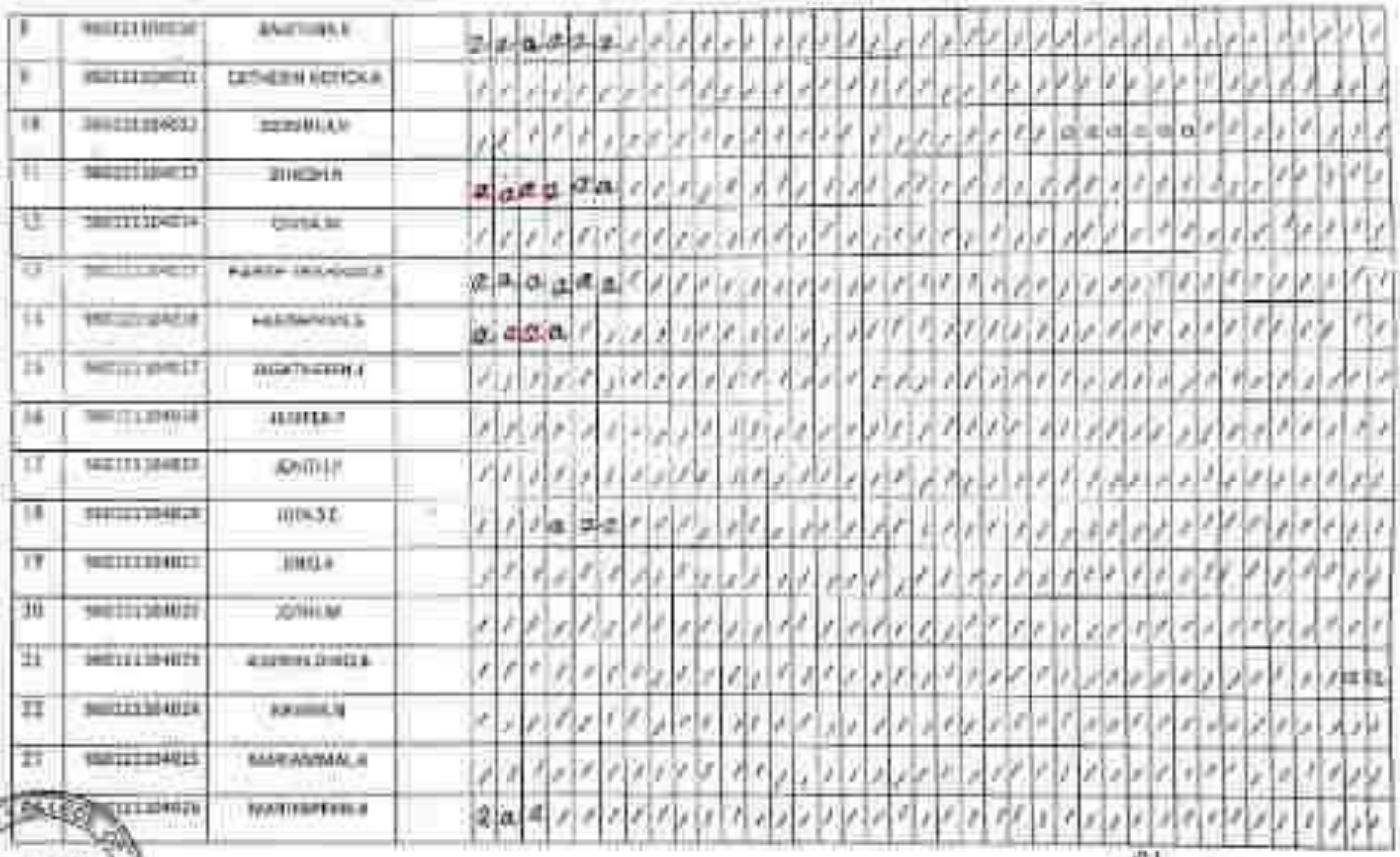
Programme Code & Name: 364, Computer Science and Engineering

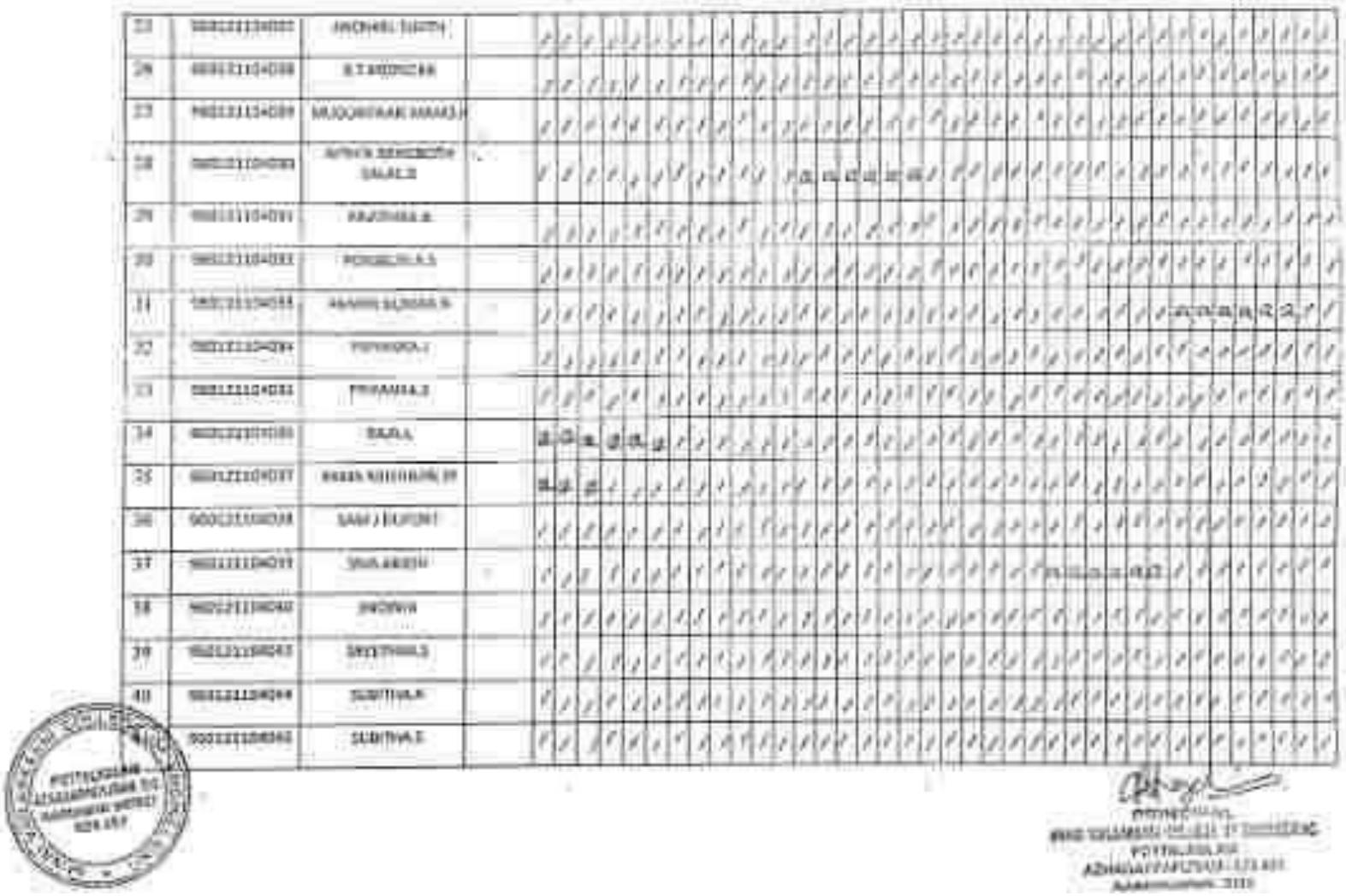
Name of the Course: THE JOY OF COMPUTING USING PYTHON

Duration: 45 Hrs

Course in Charge: S. Sahaya Regina

| Sl No | Register No | Name of the student | Month | | |





| | | |

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pudhucottaikadu,Pattukkottai,Adirangapuram P.O, Kanyakumari District,Tamil Nadu,629401.

Department of Computer Science and Engineering

MARK STATEMENT

Year: II Semester: III

Year: 2022-2023 (EVEN) Subject Name: THE JOY OF COMPUTING USING PYTHON

No	Register No	Students Name	Test Mark	Viva-Voce	Total Mark
1	[redacted]	[redacted]	75	15	90
2	[redacted]	[redacted]	75	15	90
3	[redacted]	[redacted]	70	15	85
4	[redacted]	[redacted]	72	18	90
5	[redacted]	[redacted]	76	14	90
6	[redacted]	[redacted]	75	15	90
7	[redacted]	[redacted]	76	14	90
8	[redacted]	[redacted]	74	16	90
9	[redacted]	[redacted]	75	13	88
10	[redacted]	[redacted]	74	15	89

PRINCIPAL

11	[redacted]	[redacted]	75	15	90
12	[redacted]	[redacted]	74	17	91
13	[redacted]	[redacted]	76	12	88
14	[redacted]	[redacted]	78	13	91
15	[redacted]	[redacted]	75	12	87
16	[redacted]	[redacted]	76	14	90
17	[redacted]	[redacted]	72	15	87
18	[redacted]	[redacted]	73	15	88
19	[redacted]	[redacted]	74	15	89
20	[redacted]	[redacted]	75	15	90
21	[redacted]	[redacted]	74	12	86
22	[redacted]	[redacted]	75	16	91
23	[redacted]	[redacted]	74	14	88
24	[redacted]	[redacted]	73	19	92
25	[redacted]	[redacted]	73	13	86
26	[redacted]	[redacted]	73	13	86
27	[redacted]	[redacted]	72	12	84

PRINCIPAL

28	[redacted]	[redacted]	75	12	87
29	[redacted]	[redacted]	75	15	90
30	[redacted]	[redacted]	75	13	88
31	[redacted]	[redacted]	72	13	85
32	[redacted]	[redacted]	74	15	89
33	[redacted]	[redacted]	75	15	90
34	[redacted]	[redacted]	72	15	87
35	[redacted]	[redacted]	72	12	84
36	[redacted]	[redacted]	73	12	85
37	[redacted]	[redacted]	75	12	87
38	[redacted]	[redacted]	75	12	87
39	[redacted]	[redacted]	75	15	90
40	[redacted]	[redacted]	72	15	87
41	[redacted]	[redacted]	75	15	90
42	[redacted]	[redacted]	72	12	84
43	[redacted]	[redacted]	73	12	85
44	[redacted]	[redacted]	74	12	86

PRINCIPAL

45	[redacted]	[redacted]	72	14	82
46	[redacted]	[redacted]	72	16	86
47	[redacted]	[redacted]	74	12	86
48	[redacted]	[redacted]	74	13	87
49	[redacted]	[redacted]	75	12	87
50	[redacted]	[redacted]	72	14	86
51	[redacted]	[redacted]	72	14	86
52	[redacted]	[redacted]	74	12	87

Centre in-charge

Head of the department

PRINCIPAL

ANJAC VAIJAYANTHI COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Academic Year: 2022-2023
Value Added Course

Programme Code & Name: 104, Computer Science and Engineering

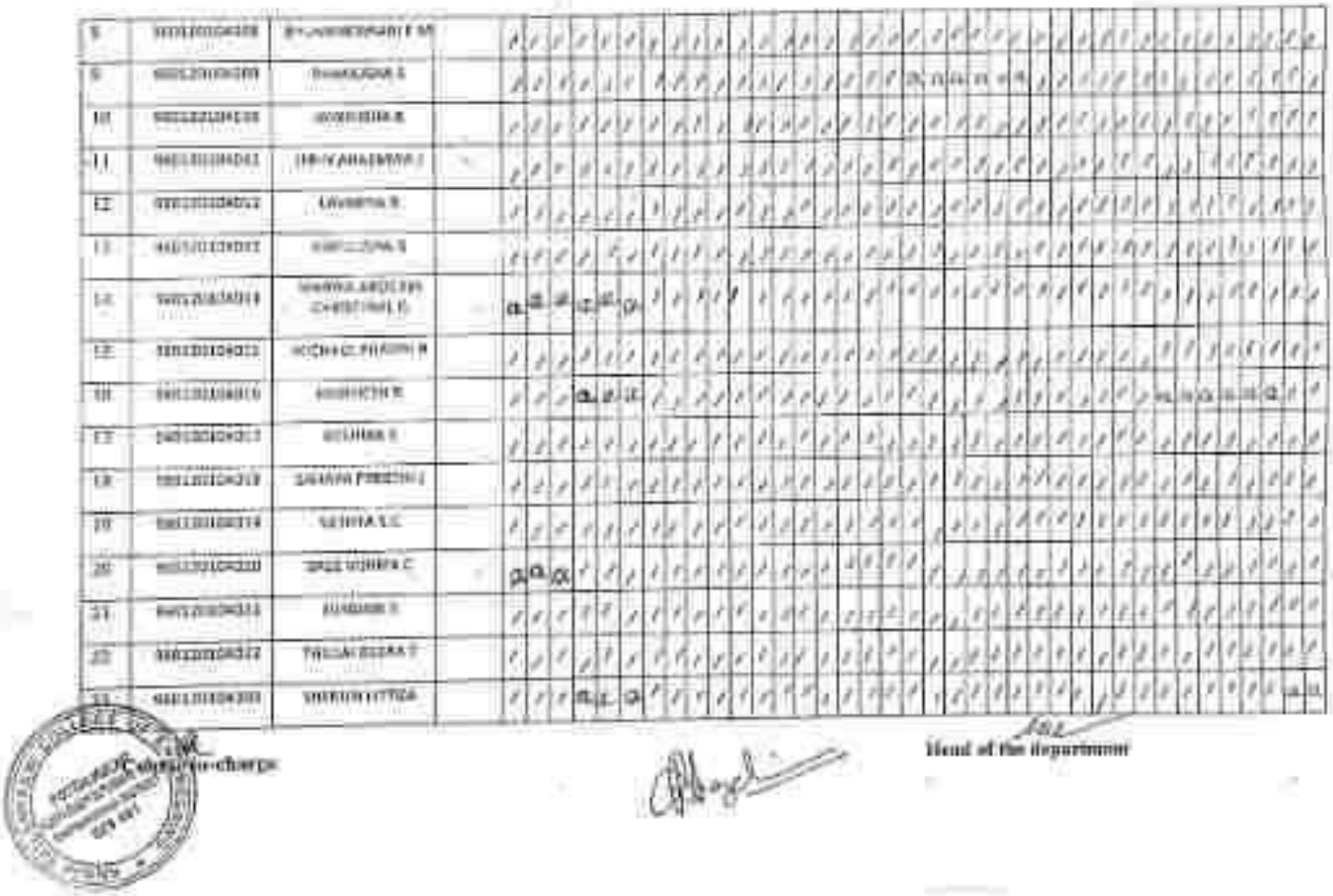
Year: III

Name of the Course: THE JOY OF COMPUTING USING PYTHON

Course In-Charge: Swathy Prabhu

Duration: 30 Hrs

| Sl No. | Register No | Name of the student | Month | | |



Head of the department

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

MARK STATEMENT

Year: III

Semester: V

Year: 2023-2024 (ODD SEMESTER)

Subject Name: [illegible]

No	Register No	Students Name	Test Mark	Viva-Voce	Total Mark
1	[illegible]	[illegible]	76	14	90
2	[illegible]	[illegible]	75	15	90
3	[illegible]	[illegible]	76	14	90
4	[illegible]	ARUN A	72	13	85
5	[illegible]	ASHOK A	74	14	88
6	[illegible]	ASWATH U	75	15	90
7	[illegible]	[illegible]	73	12	85
8	[illegible]	[illegible]	75	13	88
9	[illegible]	[illegible]	76	15	91

PRINCIPAL

10	[redacted]	[redacted]	77	15	92
11	[redacted]	[redacted]	75	15	90
12	[redacted]	[redacted]	78	17	93
13	[redacted]	[redacted]	75	15	90
14	[redacted]	[redacted]	74	14	88
15	[redacted]	[redacted]	78	14	91
16	[redacted]	[redacted]	75	18	89
17	[redacted]	[redacted]	76	17	93
18	[redacted]	[redacted]	75	15	90
19	[redacted]	[redacted]	76	18	94
20	[redacted]	[redacted]	75	14	89
21	[redacted]	[redacted]	76	14	90
22	[redacted]	[redacted]	76	16	92
23	[redacted]	[redacted]	75	14	89

Course in-charge

PRINCIPAL

Head of the department

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Academic Year 2022-2023
Value Added Course

Programme Code & Name: 134, Computer Science and Engineering — Year: IV

Name of the Course: THE JOY OF COMPUTING USING PYTHON

Course in -Charge: — Duration: 30 Hrs

| Sl. No | Register No | Name of the student | Month | | |

1	[illegible]	[illegible]	
8	[illegible]	[illegible]	
9	[illegible]	[illegible]	
10	[illegible]	[illegible]	
11	[illegible]	[illegible]	
12	[illegible]	[illegible]	
13	[illegible]	[illegible]	
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16	[illegible]	[illegible]	
17	[illegible]	[illegible]	
18	[illegible]	[illegible]	

Course in-charge

Head of the department

PRINCIPAL
PUTTALIYAM

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

MARK STATEMENT

Year: IV

Semester: VII

Year: 2022-2023

Subject Name: THE JOY OF COMPUTING USING PYTHON

No	Register No	Student Name	Test Mark	Viva-Voce	Total Mark
1			74	16	90
2			78	13	91
3			75	16	91
4			78	18	96
5			75	15	90
6			74	16	90
7			72	18	90
8			75	16	91
9			76	17	93

10	[redacted]	[redacted]	75	15	90
11	[redacted]	[redacted]	76	14	90
12	[redacted]	[redacted]	77	14	91
13	[redacted]	[redacted]	76	16	92
14	[redacted]	[redacted]	75	16	91
15	[redacted]	[redacted]	75	15	90
16	[redacted]	[redacted]	74	15	89
17	[redacted]	[redacted]	74	16	90
18	[redacted]	[redacted]	75	16	91

Course in-charge

Head of the department

PRINCIPAL

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Avvai Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist - 629 401

DEPARTMENT OF CIVIL ENGINEERING

Course Feedback Form

Name of the student: Edwin Raj. R

Course Title: The Joy of Computing using Python

Year: 2022-2023 Semester: III

1. Are the objectives of the course clear to you? Y ☑ / N ☐
2. Is the course fully covered as per the syllabus as prescribed by the University? Y ☑ / N ☐
3. Is the course covered relevant topics beyond syllabus? Y ☑ / N ☐
4. The course contents met with your expectations
   - Strongly disagree ☐ Strongly agree ☑
5. The course content was well planned
   - Strongly disagree ☑ Strongly agree ☐
6. The course helped to new knowledge and practices
   - Strongly disagree ☐ Strongly agree ☑
7. The course contents compared with your expectations
   - Too theoretical ☐ Too empirical ☑
8. The lectures were clear and easy to understand
   - Strongly disagree ☐ Strongly agree ☑
9. The teaching aids were effectively used
   - Strongly disagree ☐ Strongly agree ☑
10. The course encouraged interaction and were helpful
    - Strongly disagree ☐ Strongly agree ☑
11. The course material handed out was adequate
    - Strongly disagree ☑ Strongly agree ☐

12. Any suggestions:

Edwin Raj. R
Signature of the Student

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM P.O.
KANYAKUMARI DISTRICT
629-401

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist - 629 401

DEPARTMENT OF CIVIL ENGINEERING

Course Feedback Form

Name of the student : Anisha. K

Course title : The joy of computing using Python

Academic year : 2022-2023 Sem : III

1. Were objectives of the course clear to you? Y ☑ / N ☐
2. Was the faculty covered entire syllabus as prescribed by university ? Y ☑ / N ☐
3. Was the faculty covered relevant topics beyond syllabus ? Y ☑ / N ☐
4. Course contents met with your expectations

   Strongly disagree ☐ Strongly agree ☑
5. The lecture sequence was well planned

   Strongly disagree ☑ Strongly agree ☐
6. The course exposed to new knowledge and practices

   Strongly disagree ☐ Strongly agree ☑
7. The course contents compared with your expectations

   Too theoretical ☐ Too empirical ☑
8. The lectures were clear and easy to understand

   Strongly disagree ☐ Strongly agree ☑
9. The teaching aids were effectively used

   Strongly disagree ☐ Strongly agree ☑
10. The instructors encouraged interaction and were helpful

    Strongly disagree ☐ Strongly agree ☑
11. The course material handed out was adequate

    Strongly disagree ☑ Strongly agree ☐

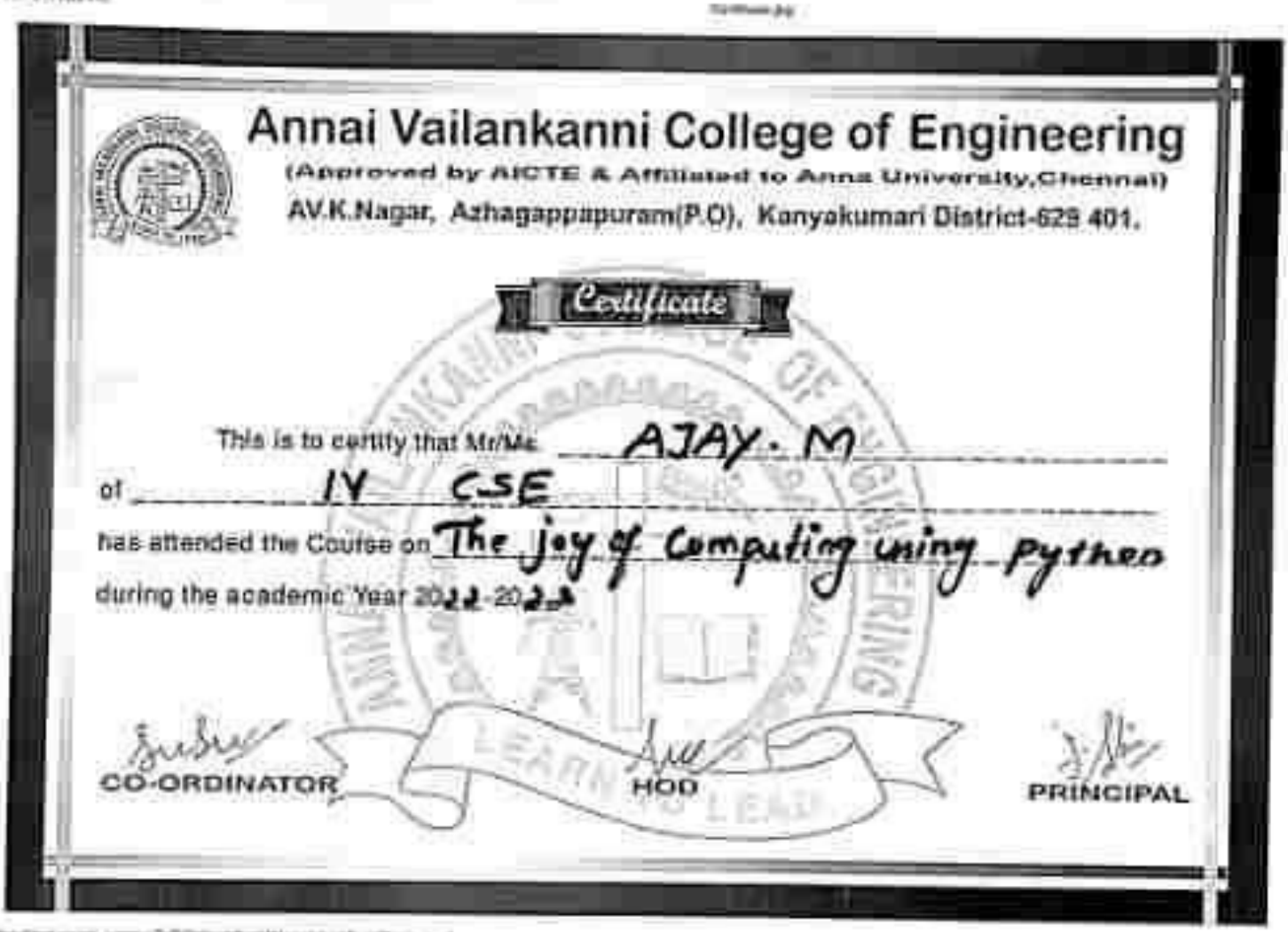
12. Any other suggestions:

Anisha. K

Signature of the Student

POTTALKULAM AZHAGAPPAPURAM P.O. KANYAKUMARI DISTRICT 629 401

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM,
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.



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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

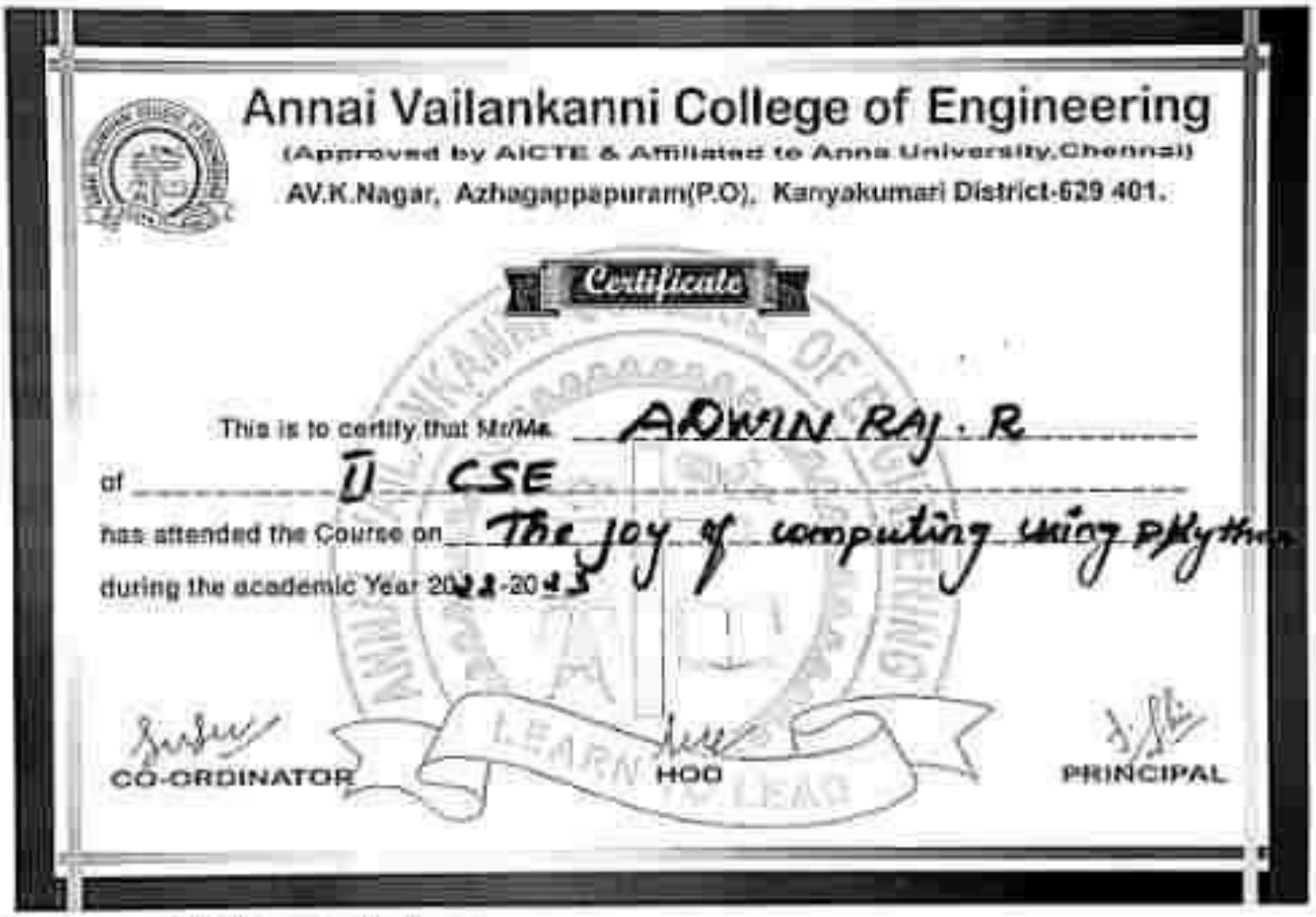
This is to certify that Mr/Ms. AJAY. M

of IV CSE

has attended the Course on The joy of Computing using Python

during the academic Year 2022-2023

CO-ORDINATOR HOD PRINCIPAL



Annai Vailankanni College of Engineering

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Certificate

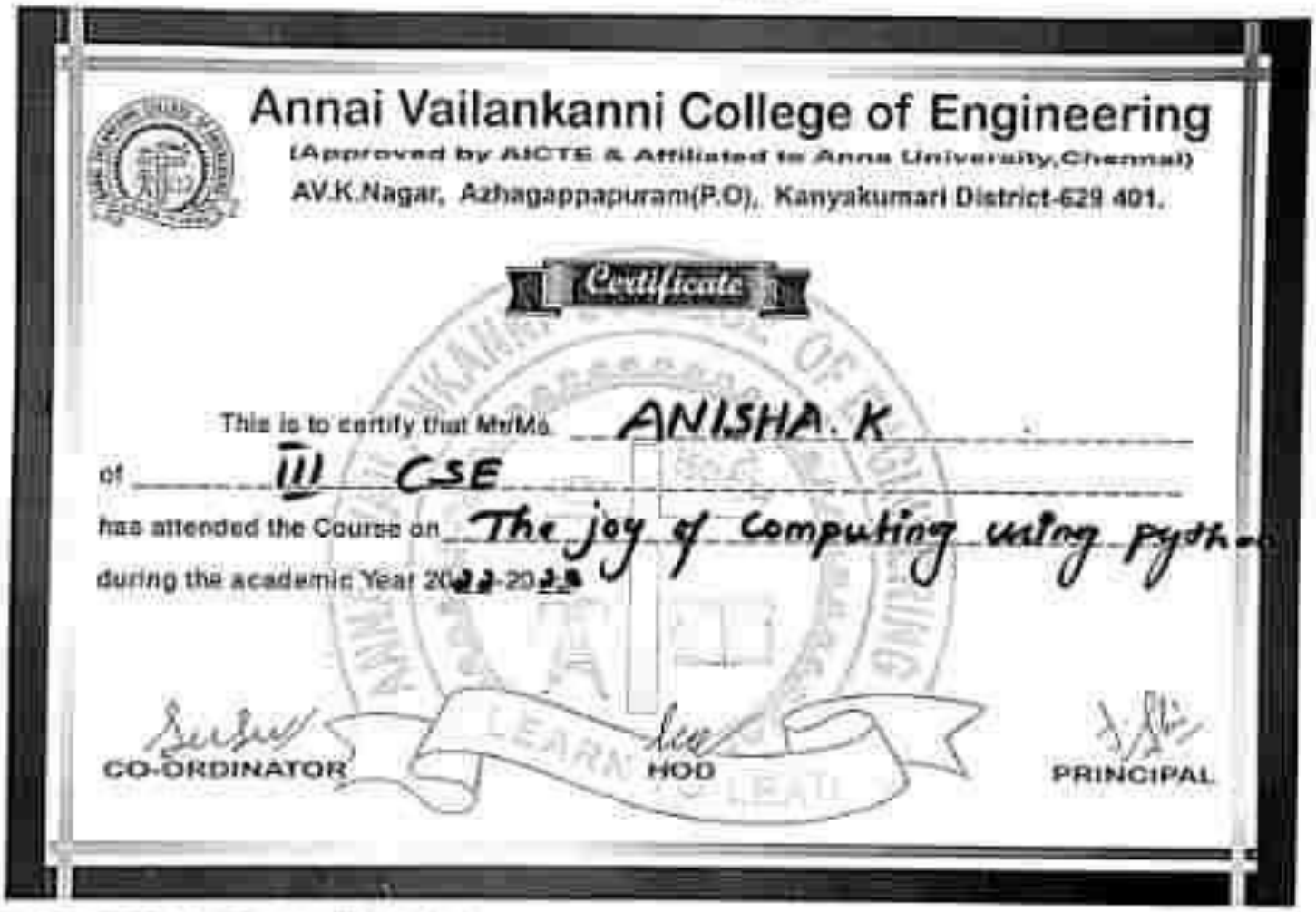
This is to certify that Mr/Ms. ADWIN RAJ . R

of II CSE

has attended the Course on The joy of computing using Python

during the academic Year 2022-2023

CO-ORDINATOR HOD PRINCIPAL



Annai Vailankanni College of Engineering

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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. ANISHA. K

of III CSE

has attended the Course on The joy of Computing using Pytho

during the academic Year 2022-2023

CO-ORDINATOR HOD PRINCIPAL

ANNAI VAILANKANNI
COLLEGE OF ENGINEERING

Department of
CSE
presents

Value Added Course
On
UOI USING RASPBERRY PI
25-01-2023 -05-02-2023

About the Course

UOI enables global electronic design innovation and plays an essential role in the creation of today's integrated circuits and electronics. Customers use software and hardware, Methodologies, and services to design and verify advanced semiconductors, consumer electronics, networking and telecommunications equipment, and computer systems.

Resource Persons from
Dept. of CSE

Module 1
INTRODUCTION TO INTERNET OF THINGS (UOI)
Module 2
UOI AND M2M
Module 3
UOI Architecture and Python
Module4
Introduction to Rasberry-Pi
Module 5
Case Study

Registration Fee: Nil

Last Date for Registration:
21-01-2023

For further details, please contact:
Course Coordinator-
Mrs.Anugraha
Assistant Professor,
HOD – Dept. of CSE.,
8940137995
anugraha-cse@avce.edu.in

Certificate will be jointly issued by the

No Registration Fees

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

(A Christian Minority Institution)
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Recognized under section 2(f) of UGC Act 1956
Website: www.avce.edu.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2022-2023

CIRCULAR

16-01-2023

Ref: From the desk of the CSE HOD/ CSE, Ref No:2022-2023/CSE/ VACCSEUO22

It is decided to conduct **UOI USING RASPBERRY PI** Course for II, III & IV Year Computer Science and Engineering Students for the academic year 2022-2023. Students are asked to contact their respective Class in charge for the enrolment of the course on or before21/1/23.The course will be held from 27/1/23 for II, III & IV year Students in Computer Lab

Venue:

Computer Lab

Students are asked to use this opportunity to control electronic components for physical computing and explore the Internet of Things (IoT).

ALL THE BEST

HOD/CSE

Address:
AVK Nagar, Puthalkulam,
Achagoppakurichi Post, Kanyakumari District - 629401.

Email:
info@avce.edu.in

Phone:
+91-04651 11758
+91-04651 11753
+91-04651 11760

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE: UOI USING RASPBERRY PI

COURSE CODE: VACSCEUO22

DAY: I

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	27.01.2023	9.00 AM-10.30 AM	1.30
2	27.01.2023	11.00 AM-12.30 PM	1.30
SESSION II			
3	27.01.2023	1.00 PM-2.30 PM	1.30
4	27.01.2023	2.30 PM-4.00 PM	1.30

DAY: II

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	28.01.2023	9.00 AM-10.30 AM	1.30
2	28.01.2023	11.00 AM-12.30 PM	1.30
SESSION II			
3	28.01.2023	1.00 PM-2.30 PM	1.30
4	28.01.2023	2.30 PM-4.00 PM	1.30

DAY: III

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	30.01.2023	9.00 AM-10.30 AM	1.30
2	30.01.2023	11.00 AM-12.30 PM	1.30
SESSION II			
3	30.01.2023	1.00 PM-2.30 PM	1.30
4	30.01.2023	2.30 PM-4.00 PM	1.30

DAY: IV

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	31.01.2023	9.00 AM-10.30 AM	1.30
2	31.01.2023	11.00 AM-12.30 PM	1.30
SESSION II			
3	31.01.2023	1.00 PM-2.30 PM	1.30
4	31.01.2023	2.30 PM-4.00 PM	1.30

PRINCIPAL
ANNAI MIRAALAYAM COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

DAY : V

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	01.02.2023	9.00 AM-10.30 AM	1.30
2	01.02.2023	11.00 AM-12.30 PM	1.30
SESSION II			
3	01.02.2023	1.00 PM-2.30 PM	1.30
4	01.02.2023	2.30 PM-4.00 PM	1.30

DAY: VI

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	02.02.2023	9.00 AM-10.30 AM	1.30
2	02.02.2023	11.00 AM-12.30 PM	1.30
SESSION II			
3	02.02.2023	1.00 PM-2.30 PM	1.30
4	02.02.2023	2.30 PM-4.00 PM	1.30

DAY : VII

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	03.02.2023	9.00 AM-10.30 AM	1.30
2	03.02.2023	11.00 AM-12.30 PM	1.30
SESSION II			
3	03.02.2023	1.00 PM-2.30 PM	1.30
4	03.02.2023	2.30 PM-4.00 PM	1.30

DAY: VIII

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	04.02.2023	9.00 AM-10.30 AM	1.30
2	04.02.2023	11.00 AM-12.30 PM	1.30
SESSION II			
3	04.02.2023	1.00 PM-2.30 PM	1.30
4	04.02.2023	2.30 PM-4.00 PM	1.30

COURSE COORDINATOR

HOD

PRINCIPAL

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AZHAGAPPAPURAM P.O,KK DISTRICT,TAMIL NADU -629 401
VALUE ADDED COURSE: IOT USING RASPBERRY PI
COURSE CODE: VACCSEIO22
ATTENDANCE - SESSION I

Sl.NO.	NAME OF THE STUDENT	YEAR/SEPT.																
1	ABISHEK A	II CSE																
2	ADHITHYA S	II CSE																
3	AKSHA	II CSE																
4	ALISHA A	II CSE																
5	ANUSHA M	II CSE																
6	ARJUN	II CSE																
7	ASHLIN	II CSE																
8	ASWATHI	II CSE																
9	BAVITHA K	II CSE																
10	CATHERIN ANNISA	II CSE																
11	DEEPIKA V	II CSE																
12	[illegible]	II CSE																
13	DIVYA M	II CSE																
14	[illegible]	II CSE																
15	HARIHARAN J	II CSE																
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POTTALKULAM
AZHAGAPPAPURAM P.O.
KANYAKUMARI DISTRICT
629 401

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

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HOD

PRINCIPAL
ARUL VALANKANI COLLEGE OF [illegible]
POTTALKULAM
AZHAGARPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AZHAGAPPAPURAM, P.O, KK DISTRICT, TAMIL NADU - 629 001

VALUE ADDED COURSE: LOUSING RASPBERRY PI

COURSE CODE: VACCSEU022

ATTENDANCE - SESSION I

SLNO.	NAME OF THE STUDENT	DEPARTMENT																
1		II CSE																
2		II CSE																
3		II CSE																
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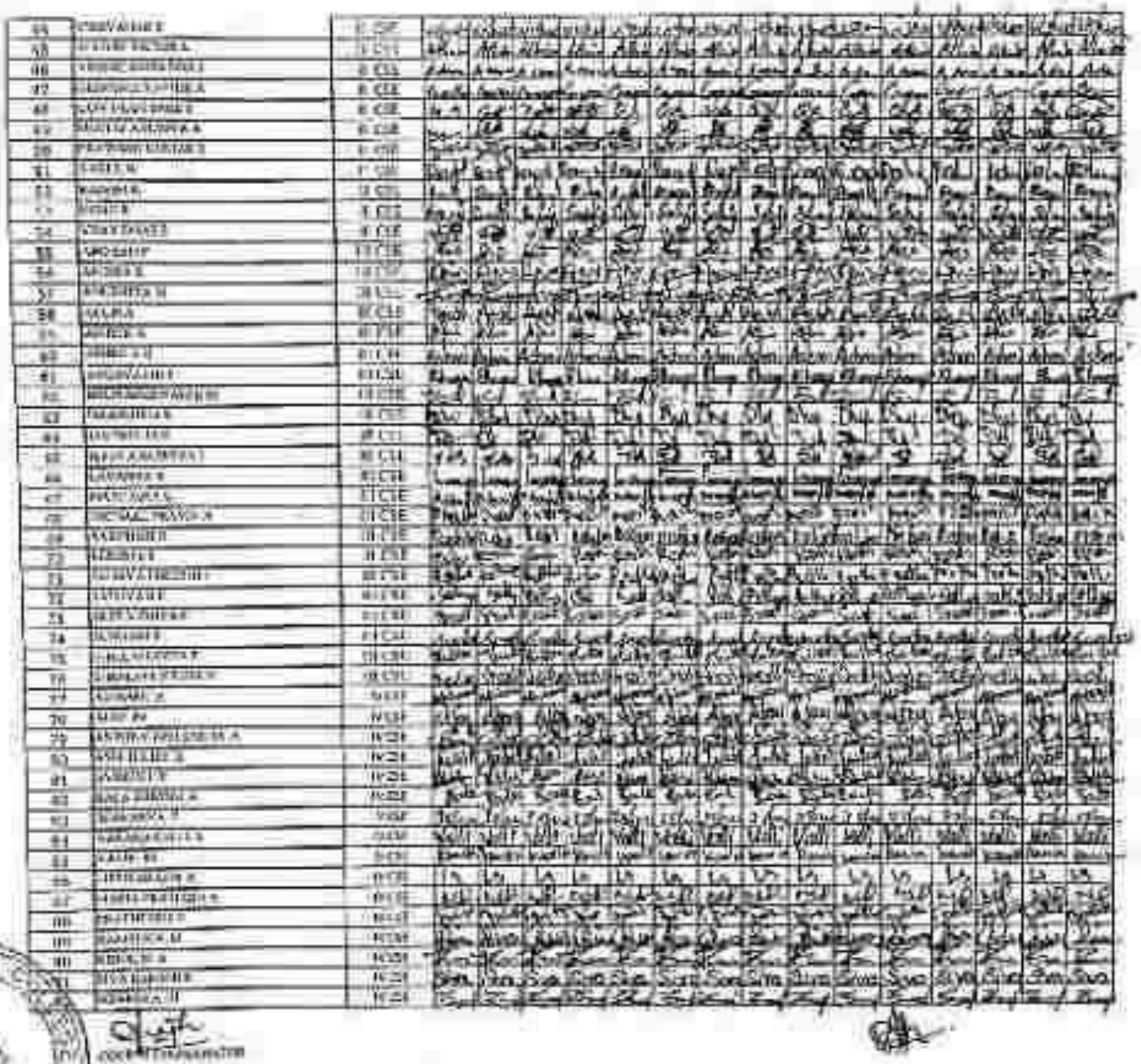
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AZHAGAPPAPURAM - 629 001

KANYAKUMARI DIST.



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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AZHAGAPPAPURAM,P.O,KK DISTRICT,TAMIL NADU -629 401
VALUE ADDED COURSE:UOI USING RASPBERRY PI
COURSE CODE: VACSCEUO22

SL.NO.	NAME OF THE STUDENT	YEAR/DEPT
1	ABISHEK A	II CSE
2	ADWIN RAJ.K	II CSE
3	ANISH.S	II CSE
4	ANISHA.A	II CSE
5	ANITHA.M	II CSE
6	ASHA.D	II CSE
7	ASHIKA.M	II CSE
8	ASWATHI.M	II CSE
9	DAVITHRA.K	II CSE
10	CATHERIN ROHCA.A	II CSE
11	DERVIN.R.V	II CSE
12	DINUSH.R	II CSE
13	DIVYA.M	II CSE
14	HARISH KRISHNAN.E	II CSE
15	HARISHMAN.S	II CSE
16	JAGATHEESH.J	II CSE
17	JENIFER.Y	II CSE
18	JENITH.P	II CSE
19	JOHN.S.E	II CSE
20	JINO.A	II CSE
21	JOTHI.M	II CSE
22	JUDWIN DINO.R	II CSE
23	KAVIYA.S	II CSE
24	MARIAMMAL.A	II CSE
25	MARIYAPPAN.A	II CSE
26	MICHAEL SUJITH	II CSE
27	R.T.MONICKA	II CSE
28	MURUNTHAN MANO.K	II CSE
29	NITHIN REHOBOTH BALAJ.D	II CSE

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ANNAI VAILANKANNI COLLEGE OF ENG
POTTALKULAM
AZHAGAPPAPURAM-629 4

30	PAVITHRA A	II CSE
31	PONSELVI A.S	II CSE
32	PRAVIN KUMAR.N	II CSE
33	PRIYANKA J	II CSE
34	PRIYANKA.S	II CSE
35	RAJA.L	II CSE
36	RAMA KRISHNAN.M	II CSE
37	SAM J DUFORT	II CSE
38	SIVA AKASH	II CSE
39	SRITHAR.S	II CSE
40	SUBITHA A	II CSE
41	SUDITHA.S	II CSE
42	THANAM SELVAN	II CSE
43	VIJAY PRASATH	II CSE
44	VISHVAHAR S	II CSE
45	ALLWIN VICTOR L	II CSE
46	ARONIC SNOWDON J	II CSE
47	GESKOME XAVIER A	II CSE
48	GOWTHAM SREE S	II CSE
49	MUTHU ANUSIYA A	II CSE
50	PRATHISH KUMAR E	II CSE
51	RAGUL R	II CSE
52	RAJESH R	II CSE
53	SAMI R	II CSE
54	VIJAY DHAS S	II CSE
55	ABINESH P	III CSE
56	ANISHA K	III CSE
57	ANUSHIYA M	III CSE
58	ARUN A	III CSE
59	ASHICK A	III CSE
60	ASHMI A.U	III CSE
61	BAGAVATHI T	III CSE
62	BHUVANESWARI E M	III CSE
63	DHANUSHA S	III CSE

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENG
POTTALKULAM
AZHAGAPPAYURAM
KANYAKUMARI DIST.

64	JAVENISHA D	III CSE
65	JERIN AHASMIYA J	III CSE
66	LAVANYA R	III CSE
67	MANUSHA G	III CSE
68	MICHAEL PRAVIN N	III CSE
69	RARINESH R	III CSE
70	RUSHMA S	III CSE
71	SAHAYA PREETHI J	III CSE
72	SATHYA S.C	III CSE
73	SREE VIDHYA C	III CSE
74	SUNDARI S	III CSE
75	THILLAI DEEPA T	III CSE
76	SHERLIN LITTIZIA V	III CSE
77	ABIRAMI .A	IV CSE
78	AJAY .M	IV CSE
79	ANTONY NIVI SNEHA .A	IV CSE
80	ASIA JULIET .S	IV CSE
81	AVINESH .V	IV CSE
82	BALA SURESH .K	IV CSE
83	ISHWARYA .P	IV CSE
84	KANAKAVALLI .L	IV CSE
85	KAVIN .M	IV CSE
86	LIPTO SHAIN .R	IV CSE
87	MARIA PRATHIBA .A	IV CSE
88	PRATHEESH .P	IV CSE
89	RANJITHA .M	IV CSE
90	RONALD .A	IV CSE
91	SIVA RANJITH .K	IV CSE
92	SOWMIYA .M	IV CSE

COURSE COORDINATOR

HOD

PRINCIPAL

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, Pumbuhar, Anbagappapuram P.O, Kanyakumari District -629401

VACCSEUO22
UOI Using Raspberry Pi



TABLE OF CONTENTS

CHAPTER NO	TITLE		PAGE NO
	INTRODUCTION TO UOI		
	1.1	Definition	1
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	1.3.1	Application of UOI	1
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SYLLABUS

UNIT 1. INTRODUCTION TO INTERNET OF THINGS (UOI)

Definition and characteristics of UOI, physical design of UOI, logical design of UOI, UOI enabling technologies, UOI levels and deployment, domain specific UOIs.

UNIT 2. UOI AND M2M

Introduction, M2M, difference between UOI and M2M, software defined networking (SDN) and network function virtualization (NFV) for UOI, basics of UOI system management with NETCONF-YANG

UNIT 3. UOI Architecture and Python

UOI Architecture: State of the art introduction, state of the art, Architecture and reference modelPythonand its benefits.

UNIT 4 . Introduction to Rasberry-Pi

Introduction to Raspberry Pi interfaces (Serial, SPI, I2C),Gpio

UNIT 5.Case Study

Case studies illustrating UOI design – home automation, smart cities, smart environment

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VALUE ADDED COURSE: IOT USING RASPBERRY PI

COURSE CODE: VACCSEU022

MULTIPLE CHOICE QUESTIONS

NAME OF THE STUDENT:

1. _____ allows us to control electronic components
   a. RETful API
   b. RESTful API
   c. HTTP
   d. MQTT

2. Is MQTT a Standard?
   a. Yes
   b. No

3. IANA stands for:
   a. Internal Assessment Numerical Access
   b. Internet Association Numbers Authority
   c. International Aid for Network Automation
   d. Internet Assigned Numbers Authority

4. Standard port number for secure MQTT is:
   a. 1883
   b. 8080
   c. 8883
   d. 8888

5. Is CoAPa IETF standard?
   a. True
   b. False

6. Bluetooth 5.0 promises:
   a. 4x Speed, 2x Range, 2x Data
   b. 6x Speed, 3x Range, 3x Data
   c. 2x Speed, 4x Range, 8x Data
   d. 3x Speed, 4x Range, 8x Data

7. CGI stands for:
   a. Common Gateway Interest
   b. Common Gateway Interrupt
   c. Common Gate Interference
   d. Common Gateway Interface

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8. MQTT stands for _____
   a) MQ Telemetry Things
   b) MQ Transport Telemetry
   c) MQ Transport Things
   d) MQ Telemetry Transport
9. What is the java extension file in IoT?
   a) .jar
   b) .c
   c) .exe
   d) .py

10. The message is sent to the input queue of a message flow that contains a _____
   a) Substriber
   b) Server
   c) Publication node
   d) Client

11. Publish command message is sent from _____
   a) Only publisher to broker
   b) Only broker to publisher
   c) Publisher to broker and broker to publisher
   d) Server to client

12. _____ and _____ saves the publish and subscribe keys that we have generated with the PubNub Admin portal.
   a) public_key and subscribe_key
   b) Public-key and subscribe-key
   c) publickey and subscribekey
   d) Key_public and key_subscribe

13. _____ specifies the function that will be called when there is a new message received from the channel.
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   b) Error
   c) Connect
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14. _____ specifies the function that will be called on an error event.
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15. _____ Specifies the function that will be called when a successful connection with the PubNub cloud.
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   c) Connect
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16. _____ specifies the function that will be called when a successful re-connection is completed.
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b. Layer 3 (Network)
c. Layer 1 (Physical)
d. Layer 4 (Transport)

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a. Only Destination IP Address
b. Only Source IP Address
c. None of Above
d. Source and destination IP Addresses

23. What is the standard length of MAC address:
a. 16 bits
b. bits

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c. 48 bits
d. 64 bits

24.What does VNC stand for:
a. Various Network computers
b. Virtual Network Computing
c. None of the above
d. Virtual Network Communication
25.What is the purpose of bin directory in Linux environment:
a. Contains essential device files
b. Contains essential binary commands
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a) True
b) False

30.Does RPi have an internal memory?
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31. What do we use to connect TV to RPi?
a) Male HDMI

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b) Female HDMI
c) Male HDMI and Adapter
d) Female HDMI and Adapter

32.How power supply is done to RPi?
a) USB connection
b) Internal battery
c) Charger
d) Adapter

33.What is the Ethernet/LAN cable used in RPi?
a) Cat5
b) Cat5e
c) Cat6
d) RJ45

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a) Port_Name and Bits
b) Speed and Port_Names
c) Speed and Parity
d) Stop bit and Flow Control

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a) Sudo add -G {dialout} your_name
b) Screen Port_Name115200
c) Minicom -b 115200 -o -D Port_Name
d) Prompt> # help

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a) X86
b) MSP
c) AVR
d) ARM

37.. What is the default user in Debain on Raspberry Pi?
a) Default
b) User
c) Pi
d) Root

38. What are the distributions are supported by raspberry Pi?
a) Arch Linux
b) Debain
c) Fedora Remix
d) Arch Linux, Debain, and Fedora Remix

39. What bit processor is used in Pi 3?
a) 64-bit
b) [illegible]-bit

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c) 128-bit
d) Both 64 and 32 bit

40.What is the speed of operation in Pi 3?
a) 900MHz
b) 1.2GHz
c) 1GHz
d) 500MHz

41. WiFi is not present in which of the following models?
a) Raspberry Pi3
b) Raspberry Pi Zero WH
c) Raspberry Pi Zero W
d) Raspberry Pi Zero

42. Does micro SD card present in all modules?
a) True
b) False

43. How many USB ports are present in Raspberry Pi 3?
a) 1
b) 2
c) 4
d) 3

44.HTTP resources are located by
a. unique resource locator
b. unique resource identifier
c. none of the mentioned
d. uniform resource identifier

45.PWM stands for:
a. None of the above
b. Pulse Width Mode
c. Pulse With Modulation
d. Pulse Width Modulation

46.CGI stands for:
a. Common Gateway Interest
b. Common Gateway Interrupt
c. Common Gate Interference
d. Common Gateway Interface

47.An interconnected collection of piconet is called
a. mirconet
b. scatternet
c. mininet
d. none of the mentioned

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48.In a piconet, there can be up to _____ parked nodes in the net.

a. 511
b. 63
c. 255
d. 127

49.Secure shell (SSH) network protocol is used for

a. remote command-line login
b. remote command execution
c. all of the mentioned
d. secure data communication

50.Ethernet frame consists of

a. none of the mentioned
b. IP address
c. both (a) and (b)
d. MAC address

51.Machine learning is

a. The selective acquisition of knowledge through the use of manual programs
b. The autonomous acquisition of knowledge through the use of manual programs
c. The selective acquisition of knowledge through the use of computer programs
d. The autonomous acquisition of knowledge through the use of computer programs

52.WPA is a security mechanism in

a. WiFi
b. Cloud
c. Bluetooth
d. Ethernet

53.IPSec provides security at:

a. Physical Layer
b. Network Layer
c. Transport Layer
d. Session Layer

54.WPA is a security mechanism in

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a. WiFi
b. Cloud
c. Bluetooth
d. Ethernet

55.Network topology with a central hub or switch is
a. Mesh
b. Token ring
c. Star
d. Token bus

56.What is internet?
a. interconnection of local area networks
b. a vast collection of different networks
c. a single network
d. none of the mentioned

57.DNS database contains
a. hostname aliases
b. hostname-to-address records
c. all of the mentioned
d. name server records

58.MQTT is:
a. Based on client-server architecture
b. Based on publish-subscribe architecture
c. Based on both of the above
d. Based on none of the above

59.The number of elements in the Open IoT Architecture?
a) 6 elements
b) 8 elements
c) 7 elements
d) 5 elements

60.Global Sensor Network is built for _____
a) Reducing cost and time for development

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b) Reducing cost and increasing time for development
c) Increasing cost and increasing time for development
d) Increasing cost and decreasing time for development

61. One of the main characteristics of Linked Stream Data is "Live Streaming".
a) True
b) False

62. The huge number of devices connected to the Internet of Things has to communicate automatically, not via humans. What is this called?
a) Skynet
b) Bot 2 Bot
c) Machine 2 Machine
d) Intercloud

63.Internet of Things needs a lot of network connection. What is the proposed "white Space" radio standard called?
a) Bluetooth
b) WiMax
c) Weightless
d) Zigbee

64.What is the sensor/protocol used in GSN?
a) HTTP protocol
b) CoAP protocol
c) MQTT protocol
d) XMPP protocol

65. Which is the core wrapper of GSN?
a) Serial
b) UDP
c) GPSTest
d) ZeroMQWrapper

66.Open IoT ontology is extending the W3C SSN ontology which supports the description of the physical and processing structure of sensors.
a) True
b) False

67. Open IoT manages the registration, data acquisition, deployment of sensors and interconnected of objects, through which network?
a) GSN
b) X-GSN
c) LSM
d) HTTP

68.Which environment does Global Sensor Network work on?
a) C++
b) JAVA



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c) HTML
d) C

69._____ is a community that is working together to establish an IoT architecture.
a) Eclipse IoT
b) Red Hat
c) Intercloud
d) Bot 2 Bot

70._____ provides a middleware and application container for IoT gateway.
a) Eclipse Kura
b) Red Hat
c) Intercloud
d) Bot 2 Bot

71. By clicking which key the PubNub will display public, subscribe, and secret keys.
a) Pane
b) Demo Keyset
c) Portal
d) Network

72. The messageChannel class declares the _____ class attribute that defines the key string.
a) command_key
b) command-key
c) commandkey
d) Key_command

73. _____ method saves the received arguments in three attributes.
a) __ init
b) Init__
c) __Init__
d) __ init

74. To avoid aliasing we use a _____ filter.
a) Digital filter
b) Aliasing filter
c) Analog filter
d) Anti-aliasing filter

75. Nyquist rate is defined as _____
a) twice the lowest frequency
b) trice the highest frequency
c) twice the highest frequency
d) trice the lowest frequency

76. Clock jitters is caused by _____
a) Sampling rate
b) Spectrum

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c) Phase noise
d) Sampling frequency

77. Does HomePod allow voice controlling?
a) True
b) False

78. Sonos is a system that uses _____ wireless speakers.
a) Wifi
b) Hi5
c) Zigbee
d) Bluetooth

79. What is the facility Sonos provides?
a) It provides high quality 3D audio
b) Can here only to a restricted area
c) Call connectivity
d) Choose to play what you want in different rooms

80. Smart Fitness clothing mainly has which device?
a) Battery
b) Bluetooth
c) Sensors
d) Internet

81. What are Revolv means?
a) In built programming of all devices
b) Movement of device
c) A simple robot
d) Bringing all devices under a single command

82. Which of the following is the Compiler kit?
a) CA51
b) FK51
c) A51
d) A52

83. _____ is a complete line of home IoT devices that includes smart switches.
a) Awair
b) Canary
c) Belkin's WeMo
d) Cinder

84. Which device is a home security system?
a) Belkin's WeMo
b) Awair



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c) Canary
d) Cinler

85. _____ also offers a huge lineup of products related to home automation.
a) GE connected appliances
b) Honeywell
c) Eversense
d) Cinder

86. _____ is known for its deadbolts and doorknobs.
a) GE connected appliances
b) Eversense
c) Nest
d) Schlage

87. _____ is known for its deadbolts and doorknobs.
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b) Eversense
c) Nest
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88. RS232 is used for long range wired communication.
a) True
b) False

89. Which error occurs when the receiver can't process the character?
a) Overrun error
b) Underrun error
c) Framing error
d) Break condition

90. Which error occurs when the designated start and stop bits are not found?
a) Overrun error
b) Underrun error
c) Framing error
d) Break condition

91. The term break derives from _____ signaling.
a) Current loop
b) Voltage loop
c) Power loop
d) Current and Power loop

97. Communication in UART is_____
a) Only simple

b) Only duplex
c) Only full duplex
d) Simplex, half duplex, full duplex

93. What are the key components of a M2M system?
a) Vortex DDS
b) Smart Homes
c) Sensors and Wi-Fi
d) Protocols

94. Request field is present in which message format?
a) Request message
b) Response message
c) Both request and response
d) Neither request nor response

95. URI and content type support is which protocol feature?
a) SPI
b) UDP
c) HTTP
d) CoAP

96. Does HTTP protocol take more power.
a) True
b) False

97. Response is made up of a _____ status code.
a) two-digit
b) three-digit
c) five-digit
d) six-digit

98. Which protocol provides server push?
a) SPI
b) MQTT
c) CoAP
d) HTTP

99. Status line is present in which message format?
a) Request message
b) Response message

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c) Both request and response
d) Neither request nor response

100. Which level is the network layer in the OSI model?
a) Third level
b) Fourth level
c) Second level
d) Fifth layer

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VALUE ADDED COURSE: UOI USING RASPBERRY PI

COURSE CODE: VACCSEUO22

MULTIPLE CHOICE QUESTIONS- ANSWER KEY

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   b. RESTful API
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d. **Common Gateway Interface**

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c) Connect
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31. What do we use to connect TV to RPi?
a) Male HDMI
b) Female HDMI
c) Male HDMI and Adapter
d) Female HDMI and Adapter

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a) USB connection
b) Internal battery
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d) Adapter

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a) True
b) False

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a) 5
b) 2
c) 4
d) 3

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a. unique resource locator

b. unique resource identifier

c. none of the mentioned

d. uniform resource identifier

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a. None of the above

b. False Width Mode

c. Pulse With Modulation

d. Pulse Width Modulation

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a. Bluetooth

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b. scatternet
c. mininet
d. none of the mentioned

48.In a piconet, there can be up to _____ parked nodes in the net.
a. 511
b. 63
c. 255
d. 127

49.Secure shell (SSH) network protocol is used for
a. remote command-line login
b. remote command execution
c. all of the mentioned
d. secure data communication

50.Ethernet frame consists of
a. none of the mentioned
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c. both (a) and (b)
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KARUR(DIST)

d. Session Layer

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POTTAVELIPALAYAM
AZHAGAPPAPURAM - 639 005
KARAIKUDI (DT).

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a) Sampling rate
b) Spectrum
c) Phase noise
d) Sampling frequency

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c) Power loop
d) Current and Power loop

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92. Communication in UART is _____
a) Only simple
b) Only duplex
c) Only full duplex
d) Simplex, half duplex, full duplex

93. What are the key components of a M2M system?
a) Vertex DDS
b) Smart Homes
c) Sensors and Wi-Fi
d) Protocols

94. Request field is present in which message format?
a) Request message
b) Response message
c) Both request and response
d) Neither request nor response

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b) UDP
c) HTTP
d) CoAP

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b) False

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d) six-digit

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99. Status line is present in which message format?
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100. Which level is the network layer in the OSI model?
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98/100

MARIA PRATHIBA A
IV CSE

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VALUE ADDED COURSE: UOI USING RASPBERRY PI
COURSE CODE: VACCSEUO22
MULTIPLE CHOICE QUESTIONS

NAME OF THE STUDENT:

1. _____ allows us to control electronic components
   a. RETful API
   b. RESTful API
   c. HTTP
   d. MQTT

2. Is MQTT a Standard?
   a. Yes
   b. No

3. IANA stands for:
   a. Internal Assessment Numerical Access
   b. Internet Association Numbers Authority
   c. International Aid for Network Automation
   d. Internet Assigned Numbers Authority

4. Standard port number for secure MQTT is:
   a. 1883
   b. 8000
   c. 8883
   d. 8888

5. Is CoAPs IETF standard?
   a. True
   b. False

6. Bluetooth 5.0 promises:
   a. 4x Speed, 2x Range, 2x Data
   b. 6x Speed, 3x Range, 3x Data
   c. 2x Speed, 4x Range, 8x Data
   d. 3x Speed, 4x Range, 8x Data

7. CGI stands for:
   a. Common Gateway Internet
   b. Common Gateway Interrupt
   c. Common Gate Interference
   d. Common Gateway Interface

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8. MQTT stands for _____
   a) MQ Telemetry Things
   b) MQ Transport Telemetry
   c) MQ Transport Things
   d) MQ Telemetry Transport
9. What is the java execution file in IoT?
   a) .jar
   b) .o
   c) .exe
   d) .py

10. The message is sent to the input queue of a message flow that contains a _____
   a) Subscriber
   b) Server
   c) Publication node
   d) Client

11. Publish command message is sent from _____
   a) Only publisher to broker
   b) Only broker to publisher
   c) Publisher to broker and broker to publisher
   d) Server to client

12 _____ and _____ saves the publish and subscribe keys that we have generated with the PubNub Admin portal.
   a) public_key and subscribe_key
   b) Public-key and subscribe-key
   c) publickey and subscribekey
   d) Key_public and key_subscribe

13. _____ specifies the function that will be called when there is a new message received from the channel.
   a) Reconnect
   b) Error
   c) Connect
   d) Callback

14 _____ specifies the function that will be called on an error event.
   a) Callback
   b) Error
   c) Connect
   d) Reconnect

15. _____ Specifies the function that will be called when a successful connection with the PubNub cloud.
   a) Callback
   b) Error
   c) Connect
   d) Reconnect

16. _____ specifies the function that will be called when a successful re-connection is completed.
a) Callback
b) Error
c) Connect
d) Reconnect

17. _____ specifies the function that will be called when the client disconnects.
a) Callback
b) Error
c) Connect
d) Disconnect

18. Which transport layer protocols is used by DHCP?
a. RSVP
b. TCP
c. DCCP
d. UDP

19. Which layer is called a port layer in OSI model:
a. Session
b. Application
c. Presentation
d. Transport

20. What is a firewall in computer networks:
a. A system designed to prevent unauthorized access
b. A web browser
c. The physical boundary of network
d. The Network Operating System

21. Router operate at _____ layer of OSI reference model?
a. Layer 2 (Data Link)
b. Layer 3 (Network)
c. Layer 1 (Physical)
d. Layer 4 (Transport)

22. Each IP packet must contain:
a. Only Destination IP Address
b. Only Source IP Address
c. None of Above
d. Source and destination IP Addresses

23. What is the standard length of MAC address:
a. 16 bits
b. 32 bits

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KARUR (DT), TAMIL NADU

c. 32 bits
d. 64 bits

24. What does VNC stand for:
a. Various Network computers
b. Virtual Network Computing
c. None of the above
d. Virtual Network Communication

25. What is the purpose of bin directory in Linux environment:
a. Contains essential device files
b. Contains essential binary commands
c. Containing configuration files
d. Contains user home directories

26. What is Inter Integrated Communication(I2C):
a. An application layer protocol
b. A networking communication protocol for multi-master support
c. An OS for distributed network communication
d. A cellular communication protocol

27. How many wires does SPI protocol use:
a. 2
b. 3
c. 1
d. 4

28. What does LTE stand for:
a. Long Term Errors
b. Long Term Evolution
c. Lengthy Terminal Estimation
d. Long Term Estimates

29. Does Raspberry Pi need external hardware?
a) True
b) False

30. Does RPi have an internal memory?
a) True
b) False

31. What do we use to connect TV to RPi?
a) Male HDMI

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Pottayadi
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Kanyakumari Dist.

b) Female HDMI
c) Male HDMI and Adapter
d) Female HDMI and Adapter

32.How power supply is done to RPi?
a) USB connection
b) Internal battery
c) Charger
d) Adapter

33.What is the Ethernet/LAN cable used in RPi?
a) Cat5
b) Cat5e
c) Cat6
d) RJ45

34. What are the parameters that are default values?
a) Port_Name and Bits
b) Speed and Port_Names
c) Speed and Parity
d) Stop bit and Flow Control

35. What is the command used for easy using of GNU screen?
a) Sosetadd -G {dialout} your_name
b) Screen Port_Name115200
c) Minicom -b 115200 -o -D Port_Name
d) Prompt> # help

36. Which instruction set architecture is used in Raspberry PI?
a) X86
b) MSP
c) AVR
d) ARM

37.. What is the default user in Debain on Raspberry Pi?
a) Default
b) User
c) Pi
d) Root

38. What are the distributions are supported by raspberry Pi?
a) Arch Linux
b) Debain
c) Fedora Remix
d) Arch Linux, Debain, and Fedora Remix

39. What bit processor is used in PI 3?
a) 64-bit

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c) 128-bit
d) Both 64 and 32 bit

40.What is the speed of operation in Pi 3?
a) 900MHz
b) 1.2GHz
c) 1GHz
d) 500MHz

41. WiFi is not present in which of the following models?
a) Raspberry Pi3
b) Raspberry Pi Zero WH
c) Raspberry Pi Zero W
d) Raspberry Pi Zero

42. Does micro SD card present in all modules?
a) True
b) False

43. How many USB ports are present in Raspberry Pi 3?
a) 5
b) 2
c) 4
d) 3

44.HTTP resources are located by
a. unique resource locator
b. unique resource identifier
c. none of the mentioned
d. uniform resource identifier

45.PWM stands for:
a. None of the above
b. Pulse Width Mode
c. Pulse With Modulation
d. Pulse Width Modulation

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a. Common Gateway Interpt
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AVADI-600 054

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b) Only duplex
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c) Both request and response
d) Neither request nor response

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a) Third level
b) Fourth level
c) Second level
d) Fifth layer



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HAGAPPAPURAM.P.O,KK DISTRICT,TAMIL NADU -629 401
VALUE ADDED COURSE:IOI USING RASPBERRY PI
COURSE CODE: VACSCEUO22
MARKS

SL.NO.	NAME OF THE STUDENT	YEAR/DEPT	MARKS (100)
1	ABISHEK A	II CSE	94
2	ADWIN RAJE	II CSE	87
3	ANISH	II CSE	80
4	ANISHA.A	II CSE	60
5	ANITHA.M	II CSE	67
6	ASHA.D	II CSE	89
7	ASHIKA.M	II CSE	91
8	ASWATHI.M	II CSE	82
9	BAVITHRA.K	II CSE	83
10	CATHERIN ROTICA.A	II CSE	76
11	DERVIN.R,V	II CSE	69
12	DINESH.R	II CSE	97
13	DIVYA.M	II CSE	60
14	HARISH KRISHNAN.E	II CSE	75
15	HARISHMAN.S	II CSE	85
16	JAGATHEESH.J	II CSE	96
17	JENIFER.Y	II CSE	74
18	JENITH.P	II CSE	77
19	JIJIN.S,E	II CSE	83
20	JINO.A	II CSE	91
21	JOTHI.M	II CSE	84
22	JUDWIN DINO.B	II CSE	72
23	KAVIYA.N	II CSE	78
24	MARIAMMAL.A	II CSE	62
25	MARIYAPPAN.A	II CSE	67
26	MICHAEL SUJITH	II CSE	79
27	R.T.MONICKA	II CSE	61
28	MUGUNTHAN MANOJ.K	II CSE	62

29	NITHIN KUMARAVELU SALALD	II CSE	91
30	PAVITHRA.A	II CSE	63
31	PONSELVI.A.S	II CSE	72
32	PRAVIN KUMAR.N	II CSE	68
33	PRIYANKA.J	II CSE	97
34	PRIYANKA.S	II CSE	93
35	RAJA.L	II CSE	77
36	RAMA KRISHNAN.M	II CSE	93
37	SAM J DUFORT	II CSE	86
38	SIVA AKASH	II CSE	68
39	SRITHAR.S	II CSE	74
40	SUBITHA.A	II CSE	79
41	SUBITHA.S	II CSE	75
42	DHANAM SEELAN	II CSE	70
43	VIJAY PRASATH	II CSE	93
44	VISHVAHAR S	II CSE	71
45	ALLWIN VICTOR L	II CSE	88
46	ARONIC SNOWSON J	II CSE	74
47	GESHONE XAVIER A	II CSE	76
48	GOWTHAM SREE S	II CSE	95
49	MUTHU ANUSIYA A	II CSE	97
50	PRATHISH KUMAR E	II CSE	71
51	RAGUL R	II CSE	80
52	RAVESH R	II CSE	74
53	SASUI R	II CSE	65
54	VIJAY DHAS S	II CSE	100
55	ABHISHI P	III CSE	96
56	ANSUA K	III CSE	93
57	ANUSHIYA M	III CSE	79
58	ARUN A	III CSE	74
59	ASHICK A	III CSE	68
60	ASHMI A.U	III CSE	92
61	BAGAVATHI T	III CSE	82
62	BHUVANESWARI E M	III CSE	83

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF DIPLOMAS
POTTALKULAM
KANYAKUMARI DIST.

63	DHANISHA S	III CSE	91
64	JAYENISHA B	III CSE	94
65	JERIN AHASMIYA J	III CSE	63
66	LAVANYA R	III CSE	99
67	MANUSHA G	III CSE	69
68	MICHAEL PRAVIN K	III CSE	77
69	RABINESH R	III CSE	78
70	[illegible] S	III CSE	96
71	SAHAYA PREETHI J	III CSE	78
72	SATHYA S.C	III CSE	81
73	SREE VIDHYA C	III CSE	85
74	SUNDARI S	III CSE	93
75	THILLAI DEEPA T	III CSE	90
76	SHIRLIN LITTIZIA V	III CSE	95
77	ADIRAMI .A	IV CSE	94
78	AJAY .M	IV CSE	93
79	ANTONY NIVI SNEHA .A	IV CSE	90
80	ASIA JULIET .S	IV CSE	100
81	AVINESH .V	IV CSE	95
82	BALA SURESH .K	IV CSE	98
83	ISHWARYA .P	IV CSE	92
84	KANAKAVALLI .L	IV CSE	90
85	KAVIN .M	IV CSE	93
86	LIFTO SHAJIN .R	IV CSE	94
87	MARIA PRATHIBA A	IV CSE	98
88	PRADEEPSH .T	IV CSE	86
89	RANISHKA .M	IV CSE	93
90	RONALD .A	IV CSE	92
91	SIVA RANJITH .K	IV CSE	94
92	SOWMIYA .M	IV CSE	90

COURSE COORDINATOR

HOD

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
ADHIRAMPATTINAM - 613 401
THANJAVUR Dist.

Annai Vailankanni College of Engineering

(Approved by AICTE & Affiliated to Anna University,Chennai)

AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. MARIA THATHEEBA.A

of ANNAI VAILANKANNI COLLEGE OF ENGINEERING

has attended the Course on IOT USING RASPERRY PI

during the academic Year 2022-2023

CO-ORDINATOR HOD PRINCIPAL

Annai Vailankanni College of Engineering

(Approved by AICTE & Affiliated to Anna University,Chennai)

AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. ASIA JULIET.S

of ANNAI VAILANKANNI COLLEGE OF ENGINEERING.

has attended the Course on THE JOY OF COMPUTING USING PYTHON.

during the academic Year 2022-2023.

CO-ORDINATOR HOD PRINCIPAL

ASIA JULIET. S
IV CSE

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

FEEDBACK

(Value added Course Training)

Name of the Program	:	Certificate Course Training		
Topic	:	IOT using Raspberry PI		
Date:	:	27/1/23 - 4/2/23	*Time:*	9.00 AM - 4.00 PM
Year	:	I/II/III/IV/Others		

1. The quality of the course content:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

2. The sequence of the Training plan:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

3. Your Expectation and level of the Training:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

4. Interaction/ Hands-on Sessions of the faculty:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

5. The quality of course material:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

6. The training was clear and easy understand:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

7. Suggestion for improvement if any: The course was very useful.

8. Overall rating about certificate course Value added Course Training :

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

Asia Juliet

Name & Signature of the Participant

ASIA JULIET. S

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI
COLLEGE OF ENGINEERING

Department of
Mechanical
Engineering
presents

Value Added Course

INTRODUCTION TO SPACE TECHNOLOGY

01/08/2022 to 09/08/2022

About the Course

Space Technology Courses provide the students with the skills and knowledge required to design, develop, and operate space technologies like satellites, rockets, spacecraft, etc, and their practical applications. Some of the topics covered under space technology courses include Spacecraft design and engineering, orbital mechanics, space navigation, space science, astronomy, innovation, etc. Engineers have a massive part in space. Aerospace engineers work on various flight, spacecraft development, design and production. They also work on missiles and any other equipment. Computer engineers work on developing new applications used in space systems.

Resource Persons from Dept. of Mechanical Engineering

Registration Fee: Nil

Last Date for Registration:
27-07-2022

For further details, please contact:

Course Coordinator-
Mr.N.Manikandan
Assoistant Professor,
Departmentof MECH,
AVCE
9488389817

Register Fast to Ensure your Sessions.

Certificate will be issued by the Institution

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

(A Christian Minority Institution)

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

Recognized under section 2(f) of UGC Act 1956

Website: www.avce.edu.in

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year 2022-2023

CIRCULAR

26/7/22

Ref: From the desk of the MECH HOD/ MECH Ref No: 2022-2023/MECH/ VAC2K22MEST

It is decided to conduct **INTRODUCTION TO SPACE TECHNOLOGY** Course for II, III & IV Year Mechanical Engineering Students for the academic year 2022-2023. Students are asked to contact their respective Class in charge for the enrolment of the course on or before 29/7/22.The course will be held from 01/8/22 for II, III & IV year Students.

Venue:

CONFERENCE HALL

Students are asked to use this opportunity to familiarize with space mechanics and space missions.

ALL THE BEST

HOD/MECH

Address:
AVK Nagar, Pottalkulam,
Achuthapuram Post, Kanyakumari District - 629401.

Email:
info@avce.edu.in

Phone:
+91-04651 11758
+91-04651 11759
+91-04651 11760

DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE: INTRODUCTION TO SPACE TECHNOLOGY

COURSE CODE: VAC2K22MEST

DAY: I

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	01.08.2022	9.00 AM-10.30 AM	1.30
2	01.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	01.08.2022	1.00 PM-2.30 PM	1.30
4	01.08.2022	2.30 PM-4.00 PM	1.30

DAY: II

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	02.08.2022	9.00 AM-10.30 AM	1.30
2	02.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	02.08.2022	1.00 PM-2.30 PM	1.30
4	02.08.2022	2.30 PM-4.00 PM	1.30

DAY: III

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	03.08.2022	9.00 AM-10.30 AM	1.30
2	03.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	03.08.2022	1.00 PM-2.30 PM	1.30
4	03.08.2022	2.30 PM-4.00 PM	1.30

DAY: IV

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	04.08.2022	9.00 AM-10.30 AM	1.30
2	04.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	04.08.2022	1.00 PM-2.30 PM	1.30
4	04.08.2022	2.30 PM-4.00 PM	1.30

PRINCIPAL
POTTAIYAGARI
KANYAKUMARI DIST.

DAY : V

SESSION I			
PERIOD	**DATE**	**TIMINGS**	**HOURS**
1	05.08.2022	9.00 AM-10.30 AM	1.30
2	05.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	05.08.2022	1.00 PM-2.30 PM	1.30
4	05.08.2022	2.30 PM-4.00 PM	1.30

DAY: VI

SESSION I			
PERIOD	**DATE**	**TIMINGS**	**HOURS**
1	06.08.2022	9.00 AM-10.30 AM	1.30
2	06.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	06.08.2022	1.00 PM-2.30 PM	1.30
4	06.08.2022	2.30 PM-4.00 PM	1.30

DAY : VII

SESSION I			
PERIOD	**DATE**	**TIMINGS**	**HOURS**
1	08.08.2022	9.00 AM-10.30 AM	1.30
2	08.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	08.08.2022	1.00 PM-2.30 PM	1.30
4	08.08.2022	2.30 PM-4.00 PM	1.30

DAY: VIII

SESSION I			
PERIOD	**DATE**	**TIMINGS**	**HOURS**
1	09.08.2022	9.00 AM-10.30 AM	1.30
2	09.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	09.08.2022	1.00 PM-2.30 PM	1.30
4	09.08.2022	2.30 PM-4.00 PM	1.30

CLUB COORDINATOR

HOD

PRINCIPAL

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AZHAGAPPAPURAM P.O,KK DISTRICT,TAMIL NADU -629 401
VALUE ADDED COURSE:INTRODUCTION TO SPACE TECHNOLOGY
COURSE CODE: VAC2K22MEST

SL.NO.	NAME OF THE STUDENT	YEAR/DEPT
1	ABINESH K	II MECH
2	ANBU SI	II MECH
3	ANNIES RAVI K R	II MECH
4	BHUVNRAJ T	II MECH
5	INFANT SANJAY A	II MECH
6	JUBIN A	II MECH
7	KARTHIGAISELVAN G	II MECH
8	KING SHERIN C	II MECH
9	KRISHNAN G	II MECH
10	MANIMURUGESWARAN A	II MECH
11	PRAKASH S	II MECH
12	RAJA S	II MECH
13	RAM PRASAD S	II MECH
14	SELVA G	II MECH
15	SHUO	II MECH
16	SIVA RANJITH P	II MECH
17	SUBIN R	II MECH
18	SUBOJ S	II MECH
19	SURESH M	II MECH
20	THANUSH A	II MECH
21	TINIS CHRISTAN JOE T C	II MECH
22	VIJITH T	II MECH
23	ABDUL RASAK T	II MECH
24	ABDUL RAZAK A	II MECH
25	ABIRAM A	II MECH
26	ABIRAM T	II MECH
27	ABISHEK A L	II MECH
28	AJAY A	II MECH
29	AJAY R	II MECH
30	ARJUN S	II MECH
31	ARUN KUMAR G	II MECH
32	ARAVIND V	II MECH
33	ARUN GANDHI K	II MECH
34	CHANDRU S	II MECH
35	DEVA PRIYAN S	II MECH

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

36	[illegible]	II MECH
37	[illegible]	II MECH
38	[illegible]	II MECH
39	[illegible]	II MECH
40	[illegible]	II MECH
41	[illegible]	II MECH
42	[illegible]	II MECH
43	[illegible]	II MECH
44	[illegible]	II MECH
45	[illegible]	II MECH
46	[illegible]	II MECH
47	[illegible]	II MECH
48	[illegible]	II MECH
49	[illegible]	II MECH
50	[illegible]	II MECH
51	[illegible]	II MECH
52	[illegible]	II MECH
53	[illegible]	II MECH
54	[illegible]	II MECH
55	[illegible]	III MECH
56	[illegible]	III MECH
57	[illegible]	III MECH
58	[illegible]	III MECH
59	[illegible]	III MECH
60	[illegible]	III MECH
61	[illegible]	III MECH
62	[illegible]	III MECH
63	[illegible]	III MECH
64	[illegible]	III MECH
65	[illegible]	III MECH
66	[illegible]	III MECH
67	[illegible]	III MECH
68	[illegible]	III MECH
69	[illegible]	III MECH
70	[illegible]	III MECH
71	[illegible]	III MECH
72	[illegible]	III MECH
73	[illegible]	III MECH
74	[illegible]	III MECH
75	[illegible]	III MECH
76	[illegible]	III MECH

77	THANISH T	III MECH
78	ARSITK	III MECH
79	AJAY DEV D T	III MECH
80	ALDRIN ANTONY HARIMUM	III MECH
81	ARUL RAJ J	III MECH
82	ARUN KANNAN V	III MECH
83	CLBIN JOSHUA B	III MECH
84	ESAKKIAPPAN A	III MECH
85	GEORGE JOYSON G	III MECH
86	KRISHNA BHARATHY K	III MECH
87	PRAVEEN J	III MECH
88	RAMA CHANDRAN T	III MECH
89	RATHEESH R	III MECH
90	SALAN VINISH S	III MECH
91	SANJITH L	III MECH
92	SIVANESH M	III MECH
93	SOOSAI SHYAM C	III MECH
94	SOUNDRAR RAJAN K	III MECH
95	SUDALAI MANI R	III MECH
96	SURESH R	III MECH
97	SUYAMBU LINGAM P	III MECH
98	VESU RAJAN N	III MECH
99	ANANTHA KANNAN S	IV MECH
100	ASHOK KUMAR J	IV MECH
101	BENGLIN J.M	IV MECH
102	DINESH KUMAR L	IV MECH
103	JENISH KUMAR .V	IV MECH
104	KARTHICK .A	IV MECH
105	KAVIYARASU .R	IV MECH
106	MRILIN SANJAY .S	IV MECH
107	MUBSH .M	IV MECH
108	MUTHU VIJAYAN .T	IV MECH
109	NAGA SELVAN .S	IV MECH
110	NAVEEN .V	IV MECH
111	NITHEESH .R	IV MECH
112	PALANI RAJ .S	IV MECH
113	SANGEETH .S	IV MECH
114	SATHISH KUMAR .G	IV MECH
115	SIVA ARULESH .K	IV MECH
116	SIVA SANKAR .N	IV MECH
117	SUMITHRA .S	IV MECH
118	THANESH .J	IV MECH
119	THARMA RAJ .M	IV MECH
120	UDAYA KUMAR .S	IV MECH
121	VASANTH .M	IV MECH
122	VINOTH R	IV MECH
123	YUVARAJA VISHNU .R	IV MECH
124	ABHISHEK A	IV MECH
125	ASHOK KUMAR C	IV MECH
126	GEORGE NISHANTH A	IV MECH
127	MUTHUKUMAR M	IV MECH
128	MOHANA RENGAN E	IV MECH

COURSE COORDINATOR

PRINCIPAL

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AZHAGAPPAPURAM,P.O,KK DISTRICT,TAMIL NADU -629 401

VALUE ADDED COURSE: INTRODUCTION TO SPACE TECHNOLOGY

COURSE CODE:VAC2K22MEST

ATTENDANCE - SESSION I

SL.NO	NAME OF THE STUDENT	YEAR/DEPT	1/8	2/8	3/8	4/8	5/8	6/8	7/8	8/8	9/8	10/8	11/8	12/8	13/8	14/8	15/8
1	ABHISHEK	II MECH															
2	ANDRUM	II MECH															
3	ANNIES RAVIN R	II MECH															
4	BOBBY RAJ P	II MECH															
5	BYAVI SANJAY A	II MECH															
6	DEEPA	II MECH															
7	EARTHIGAIRELVAN G	II MECH															
8	KINGSTERIN C	II MECH															
9	KRISHNAN G	II MECH															
10	MARIMUTHUESWARAN A	II MECH															
11	PRAGADISH S	II MECH															
12	RAM S	II MECH															
13	RAM PRASAD S	II MECH															
14	SELVA G	II MECH															
15	SHIO	II MECH															
16	SIVA RANJITH P	II MECH															
17	SURIYA K	II MECH															
18	SURIYA S	II MECH															
19	SURJITH M	II MECH															
20	THANUSH A	II MECH															
21	TMH CHRISTAN JOE T C	II MECH															
22	VINOTH T	II MECH															
23	ABDUL RASAK I	II MECH															
24	ABDUL RAZAK A	II MECH															
25	ABIZAH A	II MECH															
26	ABINAM T	II MECH															
27	ABISHEK A L	II MECH															
28	AJAY A	II MECH															
29	AJAY R	II MECH															
30	ANEEJA	II MECH															
31	ANTO KIRUBAKU	II MECH															
32	ARAVINDV	II MECH															
33	ARUN GANDHI K	II MECH															

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ANNAI VAILANKANNI COLLEGE OF EN
POTTALKULAM
AZHAGAPPAPURAM - 62
KANYAKUMARI DIST

34	CHANDRU S	II MECH
35	DEVA PRIETHA E	II MECH
36	DHARMA SELVAN R	II MECH
37	GRACIA SUBY E	II MECH
38	GUNASEKARAN S	II MECH
39	HARI SUDHARSANARAJA	II MECH
40	JOSEPH DENNIS	II MECH
41	KARTHIK G	II MECH
42	MAHIM SOLOMAN A	II MECH
43	MANIKANDAN E	II MECH
44	MARIMUTHU M	II MECH
45	MOHAMED ASHRAF ALI A	II MECH
46	PALANI S	II MECH
47	RAMACHANDRAN A	II MECH
48	SARAN KANNAN S	II MECH
49	SAMUEL RAJ D	II MECH
50	THANGEJA SELVAM M	II MECH
51	SIVA ANAND R	II MECH
52	SIVA KUMAR L	II MECH
53	SRIRAM D	II MECH
54	THANDIR K	II MECH
55	ANBUSELVAN M	III MECH
56	ARESH K	III MECH
57	ARUNA	III MECH
58	AMAL RAJ B	III MECH
59	ASIN THILOTTEE	III MECH
60	KAVIN KUMAR K	III MECH
61	MAHALAKSHMI P	III MECH
62	MATHAN M	III MECH
63	PRIYAKG	III MECH
64	RUKESH K	III MECH
65	MURUGAN N	III MECH
66	NARAYANA MANI P	III MECH
67	NITISH M	III MECH
68	PON REBUCE V	III MECH
69	SANJAY M	III MECH
70	SANTHOSH B	III MECH
71	SRIHARATHI C	III MECH
72	SIVA SARAVANA K	III MECH
73	VEE MANIKANDAN S	III MECH
74	VIKRAMAN R	III MECH

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POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.



PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF
POTTAL KULAM
AZHAGAPPAPURAM - 623 101
RAMANATHAPURAM DIST.

118	DHANUSH J	IV MECH	
119	DHARMA RAJ M	IV MECH	
120	UDAYA KUMAR S	IV MECH	
121	VASANTH M	IV MECH	
122	VINOTH R	IV MECH	
123	YUVARAJA VISHNU R	IV MECH	
124	ABISHEK A	IV MECH	
125	ASHOK KUMAR C	IV MECH	
126	GEORGE NIHANTH A	IV MECH	
127	MUTHUKUMAR M	IV MECH	
128	MOHANA BENGAN E	IV MECH	

COORDINATOR

HOD

PRINCIPAL
ARUNAI ENGINEERING COLLEGE
POTTALKULAM
ARUNACHIPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AZHAGAPPAPURAM,P.O,KK DISTRICT,TAMIL NADU -629 401

VALUE ADDED COURSE: INTRODUCTION TO SPACE TECHNOLOGY

COURSE CODE: VAC2K22MEST

ATTENDANCE - SESSION II

SL.NO.	NAME OF THE STUDENT	YEAR/DEPT	2/8	3/8	5/8	6/8	7/8	8/8	9/8	10/8	11/8	12/8	13/8	16/8	17/8	18/8	19/8	20/8
1	ABISHEK K	II MECH																
2	ANISH H	II MECH																
3	ANOOS RAVIN R	II MECH																
4	BIBIN RAJ S	II MECH																
5	DHANUSANJAY A	II MECH																
6	HARIHARAN A	II MECH																
7	KARTHIKAIPELVAN G	II MECH																
8	KAVIYASHREE C	II MECH																
9	KRISHNAN G	II MECH																
10	MANIMURUGESWARAN A	II MECH																
11	PRAKASH S	II MECH																
12	RAM S	II MECH																
13	RAM PRASAD S	II MECH																
14	SELVA M	II MECH																
15	SHAM	II MECH																
16	SIVA RANJITH P	II MECH																
17	SURYA K	II MECH																
18	SURYA S	II MECH																
19	SURESH M	II MECH																
20	THANUSH A	II MECH																
21	UNIS CHRISTAN JOE T	II MECH																
22	VINOTH T	II MECH																
23	ABDUL BASAR I	II MECH																
24	ABDUL RAZAK A	II MECH																
25	ABIRAMI A	II MECH																
26	ANBARASI T	II MECH																
27	ARSHAK A L	II MECH																
28	AJAY A	II MECH																
29	ARUN K	II MECH																
30	ARUN J S	II MECH																
31	ARUNKUMAR G	II MECH																
32	ARAVIND V	II MECH																
33	ARUN GANDHI K	II MECH																

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM P.O
KANYAKUMARI DIST.
629 401

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

34	CHANDRU S	II MECH
35	DEVAPRASHAD	II MECH
36	DHANUSH SELVAN R	II MECH
37	GRACIA SURIYA S	II MECH
38	GURUDARAN B S	II MECH
39	HARI SUBRAMANIAN M	II MECH
40	JOSEPH DELDO R M	II MECH
41	KARTHICU	II MECH
42	MAHA BUSHANA A	II MECH
43	MANIKANDAN K	II MECH
44	MARIMUTHU M	II MECH
45	MOHAMED ASHRAF ALI A	II MECH
46	PALANI S	II MECH
47	RAMACHANDIRAN A	II MECH
48	SABARI KANNAN S	II MECH
49	SAHUL HAMID	II MECH
50	SHANMUGA SELVAM M	II MECH
51	SIVA ANANDH B	II MECH
52	SIVA KUMAR L	II MECH
53	SRIKANTH	II MECH
54	THANGAVEL K	II MECH
55	ABINESH M	III MECH
56	ABISHEK	III MECH
57	ABISHA	III MECH
58	AMALRAJ D	III MECH
59	BIBIN THOMAS P V	III MECH
60	KAVIN KUMAR K	III MECH
61	MANIKANDAN P	III MECH
62	MATHAN M	III MECH
63	MATHAN G	III MECH
64	MUKESH K	III MECH
65	MURUGAN N	III MECH
66	NARAYANA RAMU P	III MECH
67	NITHIN M	III MECH
68	PONREDDICE V	III MECH
69	SANJAY M	III MECH
70	SANTHOSH R	III MECH
71	SETHUVATHEL C	III MECH
72	SIVA SABARISH K	III MECH
73	VELU MANIKANDAN S	III MECH
74	BOOKARESH R	III MECH

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75	SUMITH RAJ M	III MECH	
76	SURENDAR J	III MECH	
77	THANUSH T	III MECH	
78	ABISH K	III MECH	
79	AJAY DEV ST	IV MECH	
80	AZHRIN ANTONY HARISH M	IV MECH	
81	ARUL RAJ T	III MECH	
82	ARUN KANNAN V	III MECH	
83	EBEN JOSHUA B	III MECH	
84	ESAKKIAPPAN A	III MECH	
85	GEORGE SOLOMON G	III MECH	
86	KRISHNA BHASKARAN R	III MECH	
87	PRAVEEN J	III MECH	
88	RAMA CHANDRAN T	III MECH	
89	RATHEESH R	III MECH	
90	SALAN VINISH S	III MECH	
91	SANJITH L	III MECH	
92	SIVAGNANAM	III MECH	
93	SOORAJ SHYAM C	III MECH	
94	SOUNDAR RAJAN K	III MECH	
95	SUDALAI MANI R	III MECH	
96	SURESH K	III MECH	
97	SUYAMBU LINGAM P	III MECH	
98	VELU RAJAN N	III MECH	
99	ANANTHA KARTHAN S	III MECH	
100	ASHISH KUMAR J	IV MECH	
101	BINOLIN .O.M	IV MECH	
102	DINESH KUMAR L	IV MECH	
103	JENSEN KUMAR .V	IV MECH	
104	KARTHICK .A	IV MECH	
105	KAVIYARASU .R	IV MECH	
106	MERLIN SANJAY .S	IV MECH	
107	MURUGAN .M	IV MECH	
108	MUTHU VIJAYAN .T	IV MECH	
109	NAGA SELVAM .S	IV MECH	
110	NAVEEN .V	IV MECH	
111	NITHEESH .R	IV MECH	
112	PALANI RAJ .S	IV MECH	
113	SANGEETH .S	IV MECH	
114	SATHISH KUMAR .G	IV MECH	
115	SIVA ARUNESH .K	IV MECH	
116	SIVA SANKAR .N	IV MECH	
117	VASUDEVAN .S	IV MECH	

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118	THANUSH J	IV MECH																
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121	VASANTH M	IV MECH																
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124	ABINESH A	IV MECH																
125	ASHOK KUMAR C	IV MECH																
126	GEORGE NISHANTH A	IV MECH																
127	MUTHUKUMAR M	IV MECH																
128	MOHANA RENGAN E	IV MECH																

COURSE COORDINATOR

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pottalkulam, Azhagappapuram P.O, Kanyakumari District -629401



DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE: INTRODUCTION TO SPACE TECHNOLOGY

COURSE CODE: VAC2K22MEST

DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR: 2022-2023
COURSE CONTENT
VAC21622MEST- INTRODUCTION TO SPACE TECHNOLOGY

PURPOSE
To familiarize the student with space mechanics and space missions.

INSTRUCTIONALOBJECTIVES
To study the basic concepts of orbital Mechanics with particular emphasison Interplanetary trajectories

MODULE I-BASICCONCEPTS **(6 hours)**
The Solar System – References Frames and Coordinate Systems – The Celestial Sphere–The Ecliptic-Motion of Vernal Equinox –Sideral Time-Solar Time-Standard Time–The Earth's Atmosphere.

MODULE II-THE GENERAL N-BODY PROBLEM **(6 hours)**
The many body Problem – Langrange – Jacobian Identity – The Circular Restricted Three Body Problem – Libration Points – Relative Motion in the N-body Problem – Two – Body Problem – Satellite Orbits – Relations Between Position and Time–Orbital Elements.

MODULE III-SATELLITE INJECTION AND SATELLITE ORBIT PERTURBATIONS(6 hours)
General Aspects of satellite Injections – Satellite Orbit Transfer – VariousCases – Orbit Deviations Due to Injection – Errors – Special and General Perturbations-Cowell'sMethod-Encke'sMethod-Methodof vibrations of Orbital Elements-General Perturbations Approach.

MODULE IV-INTER PLANET ARYTRAJECTORIES **(6 hours)**
Two Dimensional Interplanetary Trajectories – Fast Interplanetary Trajectories–Three Dimensional Interplanetary Trajectories – Three Dimensional Interplanetary Trajectories-Launch if Interplanetary Space craft-Trajectory about the Target Planet.

MODULE V-BALLISTIC MISSILE TRAJECTORIES AND MATERIALS **(6 hours)**
The Boost Phase – The Ballistic Phase – Trajectory Geometry – Optimal Flights – Time of Flight – Re-entry Phase – The Position of the Impact Point –Influence Coefficients. Space Environment- Peculiarities -Effect of Space Environment on the Selection of Space craft Material.

Course Outcome

- broad and multi-disciplinary knowledge in space technology
- in-depth knowledge on satellite orbits, satellite platform technology, and link budgets
- good knowledge on the space environment and the effects of microgravity
- good knowledge on space applications such as earth observation, navigation and communication

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VALUE ADDED COURSE: INTRODUCTION TO SPACE TECHNOLOGY

COURSE CODE: VAC2K22MEST

MULTIPLE CHOICE QUESTIONS

1. Which space agency successfully landed the first human on the Moon?

a) NASA

b) ESA

c) Roscosmos

d) CNSA

Answer: a) NASA

2.What is the purpose of the Hubble Space Telescope?

a) Studying distant galaxies

b) Monitoring weather patterns

c) Tracking asteroids

d) Observing Earth's climate

Answer: a) Studying distant galaxies

3.Which planet in our solar system has the most moons?

a) Earth

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b) Saturn

c) Uranus

d) Jupiter

Answer: d) Jupiter

4.Who was the first person to orbit the Earth?

a) Yuri Gagarin

b) Neil Armstrong

c) John Glenn

d) Buzz Aldrin

Answer: a) Yuri Gagarin

5.What is the primary function of the International Space Station (ISS)?

a) Conducting scientific research

b) Testing new spacecraft technologies

c) Observing distant stars

d) Studying the Earth's atmosphere

Answer: a) Conducting scientific research

6.Which space agency launched the Mars rovers Spirit and Opportunity?

a) NASA

b) ESA

c) Roscosmos

d) CNSA

Answer: a) NASA

7.What is the purpose of the Kepler space telescope?

a) Searching for exoplanets

b) Studying black holes

c) Monitoring solar flares

d) Investigating dark matter

Answer: a) Searching for exoplanets

8.Which space agency successfully landed the Philae probe on a comet?

a) NASA

b) ESA

c) Roscosmos



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d) CNSA

Answer: b) ESA

9.What is the main purpose of the SpaceX Falcon Heavy rocket?

a) Launching satellites into orbit

b) Transporting astronauts to the International Space Station

c) Exploring other planets

d) Building a permanent lunar base

Answer: a) Launching satellites into orbit

10.Which planet is known for its prominent rings?

a) Mars

b) Jupiter

c) Saturn

d) Uranus

Answer: c) Saturn

11.Who was the first American woman to travel to space?

a) Sally Ride



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b) Valentina Tereshkova

c) Mae Jemison

d) Eileen Collins

Answer: a) Sally Ride

12.What is the purpose of the Mars Science Laboratory mission, including the Curiosity rover?

a) Studying the Martian atmosphere

b) Searching for signs of past or present life on Mars

c) Observing the behavior of Martian dust storms

d) Analyzing the composition of Martian soil

Answer: b) Searching for signs of past or present life on Mars

13.Which space agency successfully landed the Chang'e-4 spacecraft on the far side of the Moon?

a) NASA

b) ESA

c) Roscosmos



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d) CNSA

Answer: d) CNSA

14.What is the purpose of the Global Positioning System (GPS)?

a) Studying climate patterns on Earth

b) Tracking space debris

c) Monitoring volcanic activity

d) Providing precise navigation and positioning on Earth

Answer: d) Providing precise navigation and positioning on Earth

15.Which space agency launched the Voyager probes to explore the outer planets?

a) NASA

b) ESA

c) Roscosmos

d) CNSA

Answer: a) NASA

16.What is the name of the most powerful rocket currently in operation?

a) Falcon Heavy



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b) Delta IV Heavy

c) Atlas V

d) Long March 5

Answer: a) Falcon Heavy

17.Which planet is known as the "Red Planet"?

a) Venus

b) Jupiter

c) Mars

d) Mercury

Answer: c) Mars

18.What is the purpose of the Cassini-Huygens mission?

a) Studying the rings and moons of Saturn

b) Investigating the atmosphere of Venus

c) Exploring the surface of Mars

d) Monitoring solar flares

Answer: a) Studying the rings and moons of Saturn

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19.Which space agency successfully landed the InSight spacecraft on Mars to study the planet's interior?

a) NASA

b) ESA

c) Roscosmos

d) CNSA

Answer: a) NASA

20.What is the purpose of the James Webb Space Telescope?

a) Studying distant galaxies and the early universe

b) Monitoring space weather

c) Investigating the atmosphere of Mars

d) Searching for exoplanets

Answer: a) Studying distant galaxies and the early universe

21.Which space agency launched the Chandrayaan-2 mission to the Moon?

a) NASA

b) ESA



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c) ISRO

d) CNSA

Answer: c) ISRO

22.What is the purpose of the New Horizons mission?

a) Studying Jupiter and its moons

b) Investigating the atmosphere of Saturn

c) Exploring the outer regions of the solar system, including Pluto

d) Monitoring solar flares

Answer: c) Exploring the outer regions of the solar system, including Pluto

23.Which space agency launched the Parker Solar Probe to study the Sun?

a) NASA

b) ESA

c) Roscosmos

d) CNSA

Answer: a) NASA





24.What is the purpose of the Lunar Reconnaissance Orbiter (LRO)?

a) Studying the geological features of the Moon

b) Investigating the atmosphere of Venus

c) Exploring the surface of Mars

d) Monitoring space debris

Answer: a) Studying the geological features of the Moon

25.Which planet is known for its prominent Great Red Spot?

a) Mars

b) Jupiter

c) Saturn

d) Uranus

Answer: b) Jupiter

26.Who was the first woman to walk in space?

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KANYAKUMARI DIST.

d) Svetlana Savitskaya

Answer: d) Svetlana Savitskaya

27.What was the purpose of the Apollo program?

a) Studying the Moon's surface

b) Establishing a permanent human presence on the Moon

c) Investigating the atmosphere of Mars

d) Exploring the outer regions of the solar system

Answer: a) Studying the Moon's surface

28.Which space agency successfully landed the Perseverance rover on Mars?

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Answer: a) NASA

29.What is the purpose of the Juno mission?

a) Studying the rings and moons of Saturn

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b) Investigating the atmosphere of Venus

c) Exploring Jupiter and its moons

d) Monitoring solar flares

Answer: c) Exploring Jupiter and its moons

30.Which space agency launched the XMM-Newton space telescope to study X-rays from space?

a) NASA

b) ESA

c) Roscosmos

d) CNSA

Answer: b) ESA





S. Raja
II MCA

97/100

VALUE ADDED COURSE: INTRODUCTION TO SPACE TECHNOLOGY

COURSE CODE: VAC2K22MEST

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b) Searching for signs of past or present life on Mars

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b) Monitoring space weather

c) Investigating the atmosphere of Mars

d) Searching for exoplanets

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c) Exploring the surface of Mars

d) Monitoring space debris

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VALUE ADDED COURSE:INTRODUCTION TO SPACE TECHNOLOGY
COURSE CODE: VAC2K22IEST
MARKS

SL.NO.	NAME OF THE STUDENT	YEAR/DEPT	MARKS (100)
1	ABINESH K	II MECH	94
2	ANISH M	II MECH	87
3	ANNIES KAVIN E	II MECH	80
4	BEBIN RAJ E	II MECH	69
5	DHANT SANJAY A	II MECH	62
6	JEBIN A	II MECH	89
7	KARTHIGAISELVAN G	II MECH	91
8	KING SHEBIN C	II MECH	82
9	KRISHNAN G	II MECH	83
10	MANIMURUGESWARAN A	II MECH	76
11	PRAKASH S	II MECH	69
12	RAJA S	II MECH	97
13	RAM PRASAD S	II MECH	60
14	SELVA G	II MECH	75
15	SHOJO	II MECH	85
16	SIVA RANJITH P	II MECH	86
17	SUBIN K	II MECH	74
18	SUBIN S	II MECH	77
19	SURESH M	II MECH	83
20	THANUSH A	II MECH	91
21	TINIS CHRISTAN JOE T C	II MECH	84
22	VINITH T	II MECH	72
23	ABDUL RASAK I	II MECH	76
24	ABDUL RAZAK A	II MECH	62
25	ABIRAM A	II MECH	67
26	ABIRAM T	II MECH	79
27	ABISHEK A L	II MECH	61
28	AJAY A	II MECH	62
29	AJAY R	II MECH	91
30	AJITH J S	II MECH	63
31	AJITH KUMAR G	II MECH	72
32	ARAVIND V	II MECH	68
33	ARUN GANDHI E	II MECH	97
34	CHANDRU S	II MECH	93
35	DEVA PREETHA S	II MECH	77

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36	DHARMA SEELAN R	II MECH	93
37	GRACIA SUJIN Y S	II MECH	86
38	GOKUBARAN R S	II MECH	68
39	HARI SUBRAMANIAN M	II MECH	74
40	JOSEPH DELIN X M	II MECH	79
41	KARTHIK G	II MECH	75
42	MAHIM ROSHAN A	II MECH	70
43	MANIKANDAN K	II MECH	93
44	MARIMUTHU M	II MECH	71
45	MOHAMED ASHRAF ALI A	II MECH	88
46	PALANI S	II MECH	74
47	RAMACHANDIRAN A	II MECH	76
48	SABARI KANNAN S	II MECH	85
49	SAMUEL RAJ D	II MECH	97
50	SHANMUGA SELVAM M	II MECH	71
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52	SIVA KUMAR L	II MECH	74
53	SRIRAM B	II MECH	65
54	THANISH K	II MECH	100
55	ABHISHEK M	III MECH	93
56	AJESH K	III MECH	79
57	AJISH A	III MECH	74
58	AMAL RAJ R	III MECH	68
59	IDIN THIRUTH I	III MECH	92
60	KAVIN KUMAR K	III MECH	82
61	MANIKANDAN P	III MECH	83
62	MATHAN M	III MECH	91
63	MESHAK G	III MECH	94
64	MUGESH K	III MECH	63
65	MURUGAN N	III MECH	99
66	NARAYANA MANI P	III MECH	89
67	NITHIN M	III MECH	77
68	PON REGINCE Y	III MECH	78
69	SANJAY M	III MECH	96
70	SANTHOSH R	III MECH	78
71	SUTHIRTHU C	III MECH	81
72	SIVA SABARISH K	III MECH	87
73	SREE MANIKANDAN S	III MECH	93
74	SRI RAJESH R	III MECH	90
75	SUNEETH RAJ M	III MECH	95
76	SURENDAR J	III MECH	94

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77	THANISH T	III MECH	93
78	ABISH K	III MECH	90
79	AJAY DEV D T	III MECH	100
80	ALDRIN ANTONY HARISH M	III MECH	95
81	ARUL RAJ J	III MECH	98
82	ARUN KANNAN V	III MECH	92
83	ELDIN JOSHUA B	III MECH	90
84	ESAKKIAPPAN A	III MECH	93
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86	KUSUMA BHARATHY K	III MECH	98
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88	RAMA CHANDRAN T	III MECH	83
89	RATHEESH R	III MECH	92
90	SALAN VINESH S	III MECH	94
91	SANJITH L	III MECH	90
92	SIVANESH M	III MECH	82
93	SOOSAI SHYAM C	III MECH	80
94	SOUNDARARAJAN K	III MECH	75
95	SUBALAI MANI R	III MECH	74
96	SUBESH K	III MECH	60
97	SUYAMBU LINGAM P	III MECH	82
98	VISU RAJAN M	III MECH	85
99	ANANTHA KANNAN S	III MECH	88
100	ANISH KUMAR J	IV MECH	85
101	BINOLIN J.M	IV MECH	90
102	DINESH KUMAR L	IV MECH	92
103	JENISH KUMAR V	IV MECH	84
104	KARTHICK A	IV MECH	88
105	KAVIYARASU R	IV MECH	82
106	MERLIN SANJAY S	IV MECH	85
107	MUDHU M	IV MECH	90
108	MUTHU VIJAYAN J	IV MECH	75
109	NAGA SELVAN . S	IV MECH	78
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111	NITHEESH R	IV MECH	82
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114	SATHISH KUMAR G	IV MECH	100
115	SIVA ARJUNA R	IV MECH	85
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117	SUSITHRA S	IV MECH	100
118	THANUSH J	IV MECH	92
119	THARMA RAJ M	IV MECH	95
120	UDAYA KUMAR S	IV MECH	85
121	VASANTH M	IV MECH	88
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123	VUVANGAIA VISHNU R	IV MECH	100
124	ABINESH A	IV MECH	85
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126	GEORGE SEBASTHITH A	IV MECH	84
127	MUTHUKUMAR M	IV MECH	86
128	MUTHANA RENGANI E	IV MECH	90

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Annai Vailankanni College of Engineering

(Approved by AICTE & Affiliated to Anna University,Chennai)

AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms R. Yuvaraja Vishnu

of Annai Vailankanni College of Engineering

has attended the Course on Introduction to Space Technology.

during the academic Year 2022-2023.

CO-ORDINATOR HOD PRINCIPAL

R. Vinoth
IV Mech

DEPARTMENT OF MECHANICAL ENGINEERING

FEED BACK

(Value added Course Training)

Name of the Program	:	Certificate Course Training		
Topic	:	Introduction to Space Technology		
Date:	:	1/8/22 - 9/8/22	*Time:*	9.00am-4.00pm
Year	:	I/II/III/IV/Others		

1. The quality of the course content:

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1. Poor

2. The sequence of the Training plan:

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

3. Your Expectation and level of the Training:

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

4. Interaction/ Hands-on Sessions of the faculty:

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

5. The quality of course material:

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

6. The training was clear and easy understand:

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1. Poor

7. Suggestion for improvement if any : Need more value added Courses

8. Overall rating about certificate course /Value added Course Training :

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

Name& Signature of the Participant

R. VINOTH

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AZHAGAPPAPURAM - 629 851
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ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Department of ECE
presents



Value Added Course
on
Electronics Design Automation

01.08.2022-09.08.2022

About the Course

Electronic design automation, also referred to as electronic computer-aided design, is a category of software tools for designing electronic systems such as integrated circuits and printed circuit boards.

The Features of EWB are

- Design better circuits in less time.
- World's only interactive circuit simulator – become a simulation expert fast.
- Every schematic instantly ready for simulation.
- Unique features, industry-leading ease of use, and advanced functionality.

Resource Persons from
Dept. of EEE,CSE & AI&DS

Course Modules

- Basics of Electronic Workbench and multisim
- Building a Circuit:
- Editing a component.
- Simulating and performing analyses
- Using an HDL and generating a report

Registration Fee: Nil

Last Date for Registration:
27 JULY 2022

For further details, please contact:

Course Coordinator:
Mrs.P.RenugaAssistant Professor,
HOD – Dept. of ECE,
Annai Vailankanni College of Engineering,Pottaikulam.
9443671072
hod-ece@avce.edu.in

Register Fast to Ensure your Sessions.

Certificate will be issued by the institution

No Registration Fees

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year 2022-2023

CIRCULAR

26/7/22

Ref: From the desk of the ECE HOD/ ECE. Ref No:2022-2023/ECE/ VACECEED22

It is decided to conduct **ELECTRONIC DESIGN AUTOMATION**Course for II, III & IV Year Electronics & Communication Engineering Students for the academic year 2022-2023. Students are asked to contact their respective Class in charge for the enrolment of the course on or before 29/7/22.The course will be held from 01/8/22 for II, III & IV year Students in Simulation Lab

Venue:

Simulation Lab

Students are asked to use this opportunity to design and analyze circuits without using bread boards.

ALL THE BEST

HOD/ECE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE: ELECTRONICS DESIGN AUTOMATION

COURSE CODE: VACECEED22

DAY: I

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	01.08.2022	9.00 AM-10.30 AM	1.30
2	01.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	01.08.2022	1.00 PM-2.30 PM	1.30
4	01.08.2022	2.30 PM-4.00 PM	1.30

DAY: II

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	02.08.2022	9.00 AM-10.30 AM	1.30
2	02.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	02.08.2022	1.00 PM-2.30 PM	1.30
4	02.08.2022	2.30 PM-4.00 PM	1.30

DAY: III

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	03.08.2022	9.00 AM-10.30 AM	1.30
2	03.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	03.08.2022	1.00 PM-2.30 PM	1.30
4	03.08.2022	2.30 PM-4.00 PM	1.30

DAY: IV

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	04.08.2022	9.00 AM-10.30 AM	1.30
2	04.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	04.08.2022	1.00 PM-2.30 PM	1.30
4	04.08.2022	2.30 PM-4.00 PM	1.30

DAY : V

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	05.08.2022	9.00 AM-10.30 AM	1.30
2	05.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	05.08.2022	1.00 PM-2.30 PM	1.30
4	05.08.2022	2.30 PM-4.00 PM	1.30

DAY: VI

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	06.08.2022	9.00 AM-10.30 AM	1.30
2	06.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	06.08.2022	1.00 PM-2.30 PM	1.30
4	06.08.2022	2.30 PM-4.00 PM	1.30

DAY : VII

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	08.08.2022	9.00 AM-10.30 AM	1.30
2	08.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	08.08.2022	1.00 PM-2.30 PM	1.30
4	08.08.2022	2.30 PM-4.00 PM	1.30

DAY: VIII

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	09.08.2022	9.00 AM-10.30 AM	1.30
2	09.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	09.08.2022	1.00 PM-2.30 PM	1.30
4	09.08.2022	2.30 PM-4.00 PM	1.30

COURSE COORDINATOR

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VACECEED22

ELECTRONIC DESIGN AUTOMATION

Department of Electronics and Communication Engineering

(2022-2023)

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SYLLABUS

Unit 1: Basics of Electronic Workbench and multisim

Introduction to Electronics Workbench - Installing multisim – Uninstalling multisim – Introduction to multisim- Customizing multisim.

Unit 2: Building a Circuit

Introduction – Building and testing a Circuit- Placing first component- Placing the Next component and placing other Components on circuit window – Wiring components – Adding text to circuit.

Unit 3: Editing a components

Editing a component – adding instrument to your circuit – adding and connecting instruments – configuring instrument settings

Unit 4: Simulating and performing analyses

Viewing simulation result – performing analysis on your circuit – transient analysis – running the analysis

Unit 5: Using an HDL and generating a report

About HDL in multisim – using a VHDL modeled component – simulating the circuit – interfacing to programmable logic synthesis – generating a report – creating and printing BOM

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VALUE ADDED COURSE: ELECTRONIC DESIGN AUTOMATION

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SL.NO	NAME OF THE STUDENT	YEAR/DEPT
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COURSE CODE: VACECEED22

ATTENDANCE - SESSION I

SL.NO	NAME OF THE STUDENT	YEAR/DEPT	1/8	1/8	2/8	2/8	2/8	2/8	2/8	2/8	2/8	2/8	2/8	2/8	2/8	2/8	2/8
1	AHILA ET	II/ECE															
2	ALWIN SENAKADJI	II/ECE															
3	BENO SAM J	II/ECE															
4	JEGAN CHANA MOORTHI M	II/ECE															
5	JEYADHARANI. S	II/ECE															
6	JOTHISH KUMAR A	II/ECE															
7	JOTHIRAMALI M	II/ECE															
8	PRABHAHARI S	II/ECE															
9	RAVATHIA R	II/ECE															
10	SIVA C	II/ECE															
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20	SREE VINDHYA SHALINI P S	II/ECE															
21	THAMARAI T.S	II/ECE															
22	WILSON JOSHUA J	II/ECE															
23	JUDESON DAVID R	II/ECE															
24	KARTHICK	II/ECE															
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26	DHEVA D	II/ECE															
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30	AKILAN M	II/ECE															
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34	KAVITHA V	II/ECE															
35	SAKUL	II/ECE															

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ATTENDANCE - SESSION II

SL.NO	NAME OF THE STUDENT	YEAR/DEPT	1/8	2/8	3/8	4/8	5/8	6/8	7/8	8/8	9/8	10/8	11/8	12/8	13/8	14/8	15/8	16/8
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MULTIPLE CHOICE QUESTIONS

1. The circuit window is used to ————
   a) Displays useful information
   b) Builds circuit design
   c) Commonly performing operation
2. Which of the following is not the function of design bar as central component of multisim
   a) Zoom in and out
   b) Component editing
   c) Instrument design
   d) Transfer
3. What is not the type of tool bar in customizing the interface
   a) system toolbar
   b) transfer toolbar
   c) zoom toolbar
   d) design toolbar
4. Multisim, Multicap, Ultiboard, Ultiroute, Multivhdl are the main components of
   a) matlab
   b) industrial automation
   c) electronic work Bench
   d) object oriented programming
5. The circuit uses connections between the Counter Control and Digital Counter sections
   a) grounding
   b) labeling
   c) virtual wiring
   d) shielding
6. Virtual instrumentation will simulate the circuit with ———
   a)virtual oscilloscope
   b)Cathode ray oscilloscope
   c)digital multimeter
   d)digital voltmeter
7. CTRL r is for the function of ———— in the circuit window
   a) Properties
   b) zoom in and out
   c) rotation
   d) simulation of the circuit

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8. AC analysis is for the———
   a)Amplitude response
   b) phase correction
   c) output response
   d) frequency response
9. The grapher is for ——
   a) View, adjust, save
   b) output analysis manipulation
   c) generate reports
   d) simulation
10. Which of the following is the function of multisim
   a) Bill of Materials (BOM)
   b) Component Detail Report
   c) Schematic Statistics
   d) all the above
11. The ——button is not the one in the standard toolbar
   a) create component button
   b) Grapher/Analyses button
   c) Open button
   d) both a and b
12. Toggle Full Screen , Increase Decrease zoom ,Zoom Area ,Zoom Fit to Page are the buttons of——
   a) view toolbar
   b) menu bar
   c) standard toolbar
   d) component toolbar
13. What are all the buttons of Components Toolbar in the below?
   a) Diode button, Transistor button
   b) Basic button.
   c) Source button
   d) both b and c
14. Placing text is the function belonging to —— toolbar
   a) Virtual
   b) Graphic Annotation
   c) component
   d) instrument
15. Which of the following versions of Multisim do not include all of the instruments noted below?
   a) Multimeter
   b) Function Generator button

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c) Four Channel Oscilloscope
d) all of the above

16. Spectrum Analyzer is used to analyse the ---------- phenomenon
a) Voltage
b) power
c) frequency
d) phase

17. What is the function of pop up menu?
a) Save, edit, copy
b) drawing ellipse, arc
c) both a and b
d) mathematical operations

18. Pasting the contents of the clipboard onto the workspace as a ——
a) Sub system
b) circuit
c) sub circuit
d) all of the above

19. Which of the below is not the function of pop up menu
a) Mathematical operation
b) edit, paste, cut
c) flip vertical and horizontal
d) none of the above

20. If you right-click on a selected wire on the circuit window, which is not a appropriate commands appears in pop up menu.
a) Delete
b) Segment Color
c) Properties
d) Reverse Probe Direction

21. The circuit, workspace, PCB, wiring, font are the terms confined to ——
a) Sheet properties
b) component box
c) status toolbar
d) main toolbar

22. Positive phase shift direction is the tab of ——————
a) preference part
b) preference general
c) preference path
d) none of the above.

23. [illegible] and Wire width are the tab in the----------
a) circuit

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b) workspace
c) wiring
d) all of the above

24. What is the first stage of developing the circuit with component dragging, connecting, wiring with proper orientation
a) capturing
b) labeling
c) schematic capture
d) all of the above.

25. What is the button for rotating the component 90 degrees counter-clockwise and flips the component vertically in the keyboard
a) CTRL-SHIFT-R ,ALT-X
b) CTRL-R ,ALT-Y
c) CTRL-SHIFT-Z ,ALT-Y
d) CTRL-SHIFT-R ,ALT-Y

26. TTL operates from
a) 4V supply
b) 3V supply
c) 2V supply
d) 5V supply

27. The Output of an AND gate with three inputs A,B, C is HIGH when
a) A=1, B=1, C=1
b) A=1, B=1, C=1
c) A=1, B=1, C=1
d) A=1, B=1, C=1

28. When used with an IC what does the word "QUAD" means?
a) 3-circuits
b) 4-circuits
c) 2-circuits
d) 5-circuits

29. The Output of OR gate with three inputs A,B, C is LOW when
a) A=0, B=0, C=0
b) A=0, B=1, C=0
c) A=0, B=0, C=1
d) A=1, B=1, C=1

30. Which tool bar contains buttons for each instrument available with your edition of Multisim?
a) Measurement toolbar
b) Instrumentation toolbar

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c) Both a and b
d) all the above

31. To Flip the Component Horizontally, you should click _____
a) Flip
b) Flip Vertically
c) Flip horizontally
d) All the above

32. Which is a design tool that provides you with all the components and Instruments?
a) EWB
b) SRAM
c) Either a or b
d) Both a and b

33. Which of the following memories uses one transistor and one capacitor as basic Memory unit?
a) EWB
b) SRAM
c) either a or b
d) Both a and b

34. A latch is _____ sensitive.
a) Route
b) Flip
c) either a or b
d) level

35. How many entries will be in the truth table of a 3 input NAND gate?
a) 3
b) 4
c) 5
d) 7

36. Which toolbar contains buttons for commonly-performed functions?
a) Desktop toolbar
b) System and desktop toolbar
c) System toolbar
d) none of the above

37. Short cut key to flip the component vertically.
a) Alt+y
b) Alt+x
c) Alt+z
d) Alt+v

38. What is HDL?
b) Hardware Details Language

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b) Hardware Description Language
c) Hard Disk Language
d) All the above

39. To see the results, click _____.
a) Simulate
b) Simulink
c) Simulate and simulink
d) none of the above

40. The _____ offers a variety of tools for examining the results of your simulation and analysis.
(a) Grapher
(b)Multizim grapher
(c) transient analysis tab
(d) none o the above

41. To create a BOM for the circuit, click the _____ from the design bar and choose Bill of Materials from the menu that appears.
a) Restore Button
b) Reports Button and Restore
c) Report button
d) all the above

42. To restore your previously saved settings click _____
(a) previous button
(b) undo button
(c) restore default
(d) redo button

43. The _____, where you set the parameters for this particular analysis.
a) Analysis Parameter Tab
b) Restore Default
c) Reports Button
d) all the above

44. The _____, where you specify which nodes are to be analyzed and what is to be done with the results.
a) Output Variables tab
b) Summary Tab
c) VHDL and Verilog HDL
d) none of the above

45. The _____, where, if you wish, you can see a consolidated view of all the settings for the analysis.
(a) summary tab
(b) analysis parameter tab



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(c) output variable tab
(d) miscellaneous option tab.

46. Multisim supports both _____ and _____.
(a) VHDL
(b) Verilog
(c) VHDL and Veilog
(d) none o the above.

47. Multisim also provides complete VHDL and Verilog HDL design, simulate and debug capabilities for designing your circuits for implementation in _____ and _____.
a) FPGAs and CPLD
b) VHDL CPLD
c) Verilog HDL FPGA
d) none of the above

48. Primary input voltage, magnetizing impedence, leakage impedance,winding resistance are the properties of ——— model
a) two winding linear transformer
b) linear transformer
c) buck Converter
d) MOSFET

49. Virtual Instruments have two views: _____ you attach to your circuit and the opened instrument, where you set the instrument's controls and display options.
a) The Instrument Icon.
b) Summary Tab
c) Output Variables tab
d) all the above

50. The _____contains buttons for each instrument available with your edition of Multisim.
(a) system tool bar
(b) instrument tool bar
(c) Zoom tool bar
(d) multi design bar

51. Electronic Workbench is used for simulating_____
(a) Electronic circuits
(b) Mathematical circuits
(c) Both (a) & (b)
(d) All the above

52. Electronic Workbench is_____
(a) Fast and easy
(b) Fast and difficult

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(c) Slow and easy
(d) None of the above

53. An Electronic Workbench is opened by_____
(a) Icon—toolbars
(b) Icon—file
(c) Icon—elements
(d) None of the above

54. How to place the components on the circuit window?
(a)File/New/ Parts Bin toolbar
(b) File/New/workbench
(c) Both (a) & (b)
(d) File/circuit

55. Circuit elements are arranged by_____
(a)CTRL+click, or by
(b) Dragging the mouse
(c) Both (a) & (b)
(d) Either (a) or (b)

56. Components can be wired together by_____
(a) dragging black dot
(b) dragging wire
(c) dragging circuit
(d) All the above

57. Compooents values can be set using_____
(a) Double-click/ VALUE
(b) click/ VALUE
(c) either (a) or (b)
(d) none of the above

58. Designed circuit can be saved by_____
(a)File-new
(b) File-Save
(c) File-compose
(d) none of the above

59. The voltmeter in the designed circuit can be attached by _____
(a) Drag voltmeter
(b) Toolbar/Drag voltmeter
(c) Toolbar/voltmeter
(d) All the above

60. Changes and additions in the designed circuits are done by _____
(a) Add/value
(b) components/change

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(c) Add/components/change/value
(d) none of the above

61. How the main lastruments like Function Generator, Oscilloscope etc., in the circuit are used?
(a) using the parameter
(b) dragging the component
(c) both (a) & (b)
(d) changing the wave form and frequency

62. Do most oscilloscopes cannot produce an internal offset that is much larger than the full scale display range?
(a) True
(b) False
(c) cannot be determined
(d) partly correct

63. To get a larger image of the circuit, click the _____ button.
(a) Enlarge
(b) Expand
(c) Zoom
(d) None of the above

64. How to use Piecewise Linear Source?
(a) Drag PWL
(b) Double-click
(c) Drag PWL/Double-click
(d) All the above

65. In Pulse Source _____parameters that can be modified
(a) Initial Value
(b) Pulsed Value
(c) both (a) & (b)
(d) All the above

66. Multisim is to perform_____
(a) Large component database
(b) schematic entry
(c) full analog/digital SPICE simulation
(d) All the above

67. How to add text to the circuit?
(a) Place/Place Text
(b) Place Text
(c) Edit
(d) place/edit

68. Simulate the circuit by_____

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(a) simulate/save
(b) simulate/Run/open
(c) Simulate/Run
(d) Simulate/open

69. Write the procedure for performing Analysis for the designed circuit
(a) Output Variables tab
(b) Miscellaneous Options tab
(c) Summary tab
(d) All the above

70. Multisim computes Transient Analysis by _____
(a) function of steady state
(b) function of response
(c) function of time
(d) All the above

71. How to Set Noise Figure Analysis Parameters for Normal Use?
(a) Input noise/Output node/drop-down list
(b) Output node/drop-down list
(c) Input noise/Output node
(d) Input noise/drop-down list

72. Write a starting code of SPICE model for a typical transistor
(a) RB=1.500
(b) BF=99.655
(c) MODEL BF517 NPN
(d) KF=1.000F

73. To find a matching network _____ to be done?
(a) Match Net Designer button
(b) Impedance Matching tab
(c) Impedance Matching tab /Auto Enable
(d) Match Net. Designer button/ Impedance Matching tab.

74. Model Data Report can be generated using_____
(a) Report/Component Detail Report
(b) Database, Group, Family and Component
(c) Both (a) & (b)
(d) none of the above

75. What is Bill of Materials?
(a) Place the PCB
(b) debug the circuit
(c) either (a) or (b)
(d) Manufacture the circuit board

76. Components of Bill of Materials is_____

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(a) Quantity
(b) Description, including its type and value
(c) RefDes
(d) All the above

77. Which of the below is not a virtual component toolbar.
(a) Power Source
(b) Signal Source Components
(c) Diodes toolbar
(d) none of the above

78. Analog component toolbar consist of------
(a)PLL opt coupler
(b) comparator, opamp
(c) 7-segment display
(d) monostable & astable

79. 555 Timer; Analog Switch; Crystal; DCD Hex; Current Rated Fuse; Lamp are the toolbars
a)Miscellaneous Components toolbar
b) Analog Components toolbar
c) Transistor Components toolbar
d) Measurement Components toolbar.

80. Basic component toolbar specifically consist of ---------- buttons.
a) capacitor; coreless coil; inductor; magnetic core coil
b) addition, subtraction, division
c) DC current and voltage source
d) both a and b.

81. Which is not a transistor component toolbar?
a)BJT NPN; BJT PNP
b) diode, zenor diode
c) JFET N; JFET P
d) GaASFET N; GaASFET P

82. What button has to be selected To copy a part of the screen to the clipboard?
a) Tools/Capture Screen Area
b) View/Toolbars
c) toolbars/ Comment/Probe
d) Tools/Description Box.

83. What are the limits of tab stop position?
a) 1.25",2"
b) 5"6"
c) 3.5",4"
d) 5",5"

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84. The ---------- button save the selection as a textfile which is the feature is not available in all versions of Multisim.
a) Export to Excel button
b) Export to CSV File button
c) Export to Textfile button
d) Export to file button

85. The ----------is a specialized graphics editor that allows you to create or modify a block.
a) Title Block Editor
b) spreadsheet editor
c) circuit editor
d) all the above

86. Which of the function not belong to Graphics Menu?
a) Rectangle
b) multiline and text
c) square
d) half ellipse arc

87. Which is not a tab in Zoom Toolbar?
a) Zoom in
b) zoom 100%
c) zoom out
d) contrast toolbar

88. What is the button that separates the joined elements in the circuit window?
a)Resize Boundary Box button
b) Group button
c) Horizontal button
d) Snap to Grid button

89. The ---------- creates and displays a report detailing connection errors (such as an output pin connected to a power pin) and unconnected pins.
a) Connection checking
b) Electrical Rules Checking
c) Component checking
d) None of the above

90. Electric rules check dialog box consist of ---------- connections.
a) OffPage Connectors
b) Hierarchical Block Pins
c) Bus Offpage Connectors
d) All the above

91. The Version Control dialog box is for the—
integrated simulation

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b) Importing the circuit present version
c) Back up current version
d) none of above

92. What is the function of component browser?
a) edit ,save, paste
b) database , group , function
c) font size, contrast
d) all the above.

93. Family, name, function, vendor are the main components of ———
a) Database manager
b) component browser
c) files manager
d) none of the above

94. The ————is the process through creating a component.
a) database creater
b) components creater
c) Component Wizard
d) database wizard

95. In editing a component symbol, the spread sheet is to declare the
a) number orientation
b) font size
c) both a and b
d) none of above

96. Bezier is the button related to the ——
a) Multiline
b) line
c) curve
d) arc

97. Multisim supports models created using standard—— syntax
a) Matlab Simulink
b) Spice
c) Java
d) all the above

98. ————model is not created by the model maker
a) Transmission line
b) random noise generator
c) operational amplifier
d) buck and boost converter

99. The primitive model is available for ——— in the given below
a) ammeter, voltmeter

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b) wiring between the components
c) voltage and current source
d) lossy transmission line

100. Number of poles, rated voltage, stator winding inductance and resistance are the component properties of ——— model maker.
a) Active component
b) dependent source
c) BJT
d) three phase AC motor.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ELECTRONIC DESIGN AUTOMATION

ANSWER KEY

1. The circuit window is used to ————

   B) Builds circuit design

2. Which of the following is not the function of design bar as central component of multisim
   i. **Zoom in and out**
3. What is not the type of tool bar in customizing the interface **b) transfer toolbar**
4. Multisim, Multicap, Ultiboard, Ultiroute, MultiVHDL are the main components of

   c) Electronic work Bench

5. The circuit uses connections between the Counter Control and Digital Counter sections is called ———— **c) virtual wiring**
6. Virtual instrumentation will simulate the circuit with ———— **(a)the virtual oscilloscope**
7. CTRL r is for the function of ———— in the circuit window

   c) Rotation

8. AC analysis is for the————

   d) Frequency response

9. The grapher is for ——

   (a)View, adjust, save

10. Which of the following is the function of multisim

    d) All the above

11. The ——button is not the one in the standard toolbar

    d) Both a and b

12. Toggle Full Screen , Increase Decrease zoom ,Zoom Area ,Zoom Fit to Page are the buttons of—— **a) view toolbar**

13. What are all the buttons of Components Toolbar in the below?

d) All the above

14. Placing text is th function belonging to ——— toolbar

B) Graphic Annotation

15. Which of the following versions of Multisim do not include all of the instruments noted below?

a)Multimeter

16. Spectrum Analyzer is used to analyse the ———————— phenomenon

c) Frequency

17. What is the function of pop up menu?

c) Both a&b

18. Pasting the contents of the clipboard onto the workspace as a ——

c) Sub circuit

19. Which of the below is not the function of pop up menu

1. **Mathematical operation**

20. If you right-click on a selected wire on the circuit window, which is not a appropriate commands appears in pop up menu. **d) Reverse Probe Direction**

21. The circuit, workspace, PCB, wiring, font are the terms confined to ——

i. **Sheet properties**

22. Positive phase shift direction is the tab of ———————— **c) preference path**

23. Bus and wire width are the tab in the———————— **c) wiring**

24. What is the first stage of devolping the circuit with component dragging, connecting, wiring with proper orientation **c) schematic capture**

25. What is the button for rotating the component 90 degrees counter-clockwise and flips the component vertically in the keyboard **d) CTRL-SHIFT-R ,ALT-Y**

26. TTL operates from

upply

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27. The Output of an AND gate with three inputs A,B, C is *HIGH* when

c) A=1, B=1,C=1

28. When used with an IC what does the word "QUAD" means?

b) 4-circuits

29. The Output of OR gate with three inputs A,B, C is LOW when

a). A=0,B=0,C=0

30. Which tool bar contains buttons for each instrument available with your edition of Multisim?

b). Instrumentation toolbar

31. To Flip the Component Horizontally, you should click _____

c). Flip horizontally

32. Which is a design tool that provides you with all the components and Instruments?

A). EWB

33. Which of the following memories uses one transistor and one capacitor as basic Memory unit?

b). SRAM

34. A latch is _____ sensitive

d) Level

35. How many entries will be in the truth table of a 3 input NAND gate?

a). 3

36. Which toolbar contains buttons for commonly-performed functions?

c) System toolbar

37. Short cut key to flip the component vertically

a). Alt+y

38. What is HDL?

b) Hardware Description Language

39. To see the results, click _____

i. **Simulate**

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40. The _____ offers a variety of tools for examining the results of your simulation and analysis.

b) Multisim Grapher

41. To create a BOM for the circuit, click the _____ from the design bar and choose Bill of Materials from the menu that appears.

c) Report button

42. To restore your previously saved settings click _____

(c) Restore Default

43. The _____, where you set the parameters for this particular analysis.

i. **Analysis Parameter Tab**

44. The _____, where you specify which nodes are to be analyzed and what is to be done with the results.

i. **Output Variables tab**

45. The _____, where, if you wish, you can see a consolidated view of all the settings for the analysis.

A) Summary Tab

46. Multisim supports both _____ and _____.

(C) VHDL and Verilog HDL.

47. Multisim also provides complete VHDL and Verilog HDL design, simulate and debug capabilities for designing your circuits for implementation in _____ and _____.

i. **FPGAs and CPLD**

48. Primary input voltage, magnetizing impedence, leakage impedance,winding resistance are the properties of ——— model

b) linear transformer

49. Virtual Instruments have two views: _____ you attach to your circuit and the opened instrument, where you set the instrument's controls and display options.

(a)The Instrument Icon.

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50. The _____contains buttons for each instrument available with your edition of Multisim.

b) instrument tool bar

51. Electronic WorkBench is used for simulating_____

a. **Electronic circuits**

52. Electronic WorkBench is_____

i. **Fast and easy**

53. An Electronic WorkBench is opened by_____

a. **icon—toolbars**

54. How to place the components on the circuit window?

(a)File/New/ Parts Bin toolbar

55. Circuit elements are arranged by_____

(c) Both (a) & (b)

56. Components can be wired together by_____

Dragging black dot

57. Components values can be set using_____

(a)Double-click/ VALUE

58. Designed circuit can be saved by_____

(b)File-Save

59. The voltmeter in the designed circuit can be attached by _____

(b)Toolbar/Drag voltmeter

60. Changes and additions in the designed circuits are done by _____

(c)Add/components/change/value

61. How the main instruments like Function Generator, Oscilloscope etc., in the circuit are used?

(d) Changing the wave form and frequency

62. Do most oscilloscopes cannot produce an internal offset that is much larger than the full scale display range?

i. **True**

63. To get a larger image of the circuit, click the _____ button.

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(b) Expand

64. How to use Piecewise Linear Source?

(c)Drag PWL/Double-click

65. In Pulse Source _____parameters that can be modified

(d)All the above

66. Multisim is to perform_____

(c) Full analog/digital SPICE simulation

67. How to add text to the circuit?

(a)Place/Place Text

68. Simulate the circuit by_____

(c)Simulate/Run

69. Write the procedure for performing Analysis for the designed circuit

(d)All the above

70. Multisim computes Transient Analysis by _____

(c) Function of time

71. How to Set Noise Figure Analysis Parameters for Normal Use?

(a)Input noise/Output node/drop-down list

72. Write a starting code of SPICE model for a typical transistor

(c)MODEL BF517 NPN

73. To find a matching network _____to be done?

(d)Match Net. Designer button/Impedance Matching tab.

74. Model Data Report can be generated using_____

(c) Both (a) & (b)

75. What is Bill of Materials?

(d) Manufacture the circuit board

76. Components of Bill of Materials is _____

(d)All the above

77. Which of the below is not a virtual component toolbar.

(d) None of the above

78. Analog component toolbar consist of ------

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(b) Comparator, opamp

79. 555 Timer; Analog Switch; Crystal; DCD Hex; Current Rated Fuse; Lamp are the toolbars of **a)Miscellaneous Components toolbar**

80. Basic component toolbar specifically consist of ———— buttons.

Capacitor; coreless coil; inductor; magnetic core coil

81. Which is not a transistor component toolbar?

b) Diode, zener diode

82. What button has to be selected To copy a part of the screen to the clipboard?

(a)Tools/Capture Screen Area

83. What are the limits of tab stop position? **a)1.25",2"**

84. The ———— button save the selection as a textfile which is the feature is not available in all versions of Multisim.

c) Export to Textfile button

85. The ————is a specialized graphics editor that allows you to create or modify a block. **a) Title Block Editor**

86. Which of the function not belong to Graphics Menu?

c) Square

87. Which is not a tab in **Zoom** Toolbar?

d) Contrast toolbar

88. What is the button that separates the joinded elements in the circuit window?

B) Group button

89. The ———— creates and displays a report detailing connection errors (such as an output pin connected to a power pin) and unconnected pins.

b) Electrical Rules Checking

90. Electric rules check dialog box consist of ———— connections.

d) All the above

91. The Version Control dialog box is for the—— circuit present version **c) Back up current version**

92. What is the function of component browser? **b)database , group , function**

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93. Family, name, function, vendor are the main components of ———

(A)database manager

94. The ——————is the process through creating a component. **c)Component Wizard**

95. In editing a component symbol, the spread sheet is to declare the **c) both a and b**

96. Bezier is the button related to the ——

c) Curve

97. Multisim supports models created using standard——— syntax

b) Spice

98. ——————model is not created by the model marker

(a)transmission line

99. The primitive model is available for ——— in the given below **d) lossy transmission line**

100. Number of poles, rated voltage, stator winding inductance and resistance are the component properties of ——— model maker. **d) Three phase AC motor.**

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T.S. Thanusha
III ECE

95/100

VALUE ADDED COURSE: ELECTRONIC DESIGN AUTOMATION

COURSE CODE: VACECEED22

MULTIPLE CHOICE QUESTIONS

1. The circuit window is used to ————
   a) Displays useful information
   b) Builds circuit design
   c) Commonly performing operation
2. Which of the following is not the function of design bar as central component of multisim
   a) Zoom in and out
   b) Component editing
   c) Instrument design
   d) Transfer
3. What is not the type of tool bar in customizing the interface
   a) system toolbar
   b) transfer toolbar
   c) zoom toolbar
   d) design toolbar
4. Multisim, Multicap, Ultiboard, Ultiroute, Multivhdl are the main components of
   a) matlab
   b) industrial automation
   c) electronic work Bench
   d) object oriented programming
5. The circuit uses connections between the Counter Control and Digital Counter sections
   a) grounding
   b) labeling
   c) virtual wiring
   d) shielding
6. Virtual instrumentation will simulate the circuit with ———
   a)virtual oscilloscope
   b)Cathode ray oscilloscope
   c)digital multimeter
   d)digital voltmeter
7. CTRL r is for the function of ———— in the circuit window
   a) Properties
   b) zoom in and out
   c) rotation
   d) simulation of the circuit

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8. AC analysis is for the--------
   a)Amplitude response
   b) phase correction
   c) output response
   d) frequency response
9. The grapher is for ------
   a) View, adjust, save
   b) output analysis manipulation
   c) generate reports
   d) simulation
10. Which of the following is the function of multisim
   a) Bill of Materials (BOM)
   b) Component Detail Report
   c) Schematic Statistics
   d) all the above
11. The ------button is not the one in the standard toolbar
   a) create component button
   b) Grapher/Analyses button
   c) Open button
   d) both a and b
12. Toggle Full Screen , Increase Decrease zoom ,Zoom Area ,Zoom Fit to Page are the buttons of------
   a) view toolbar
   b) menu bar
   c) standard toolbar
   d) component toolbar
13. What are all the buttons of Components Toolbar in the below?
   a) Diode button, Transistor button
   b) Basic button.
   c) Source button
   d) both b and c
14. Placing text is the function belonging to ------ toolbar
   a) Virtual
   b) Graphic Annotation
   c) component
   d) instrument
15. Which of the following versions of Multisim do not include all of the instruments noted below?
   a) Multimeter
   b) Function Generator button



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c) Four Channel Oscilloscope
d) all of the above

16. Spectrum Analyzer is used to analyse the ———— phenomenon
a) Voltage
b) power
c) frequency
d) phase

17. What is the function of pop up menu?
a) Save, edit, copy
b) drawing ellipse, arc
c) both a and b
d) mathematical operations

18. Pasting the contents of the clipboard onto the workspace as a -----
a) Sub system
b) circuit
c) sub circuit
d) all of the above

19. Which of the below is not the function of pop up menu
a) Mathematical operation
b) edit, paste, cut
c) flip vertical and horizontal
d) none of the above

20. If you right-click on a selected wire on the circuit window, which is not a appropriate commands appears in pop up menu.
a) Delete
b) Segment Color
c) Properties
d) Reverse Probe Direction

21. The circuit, workspace, PCB, wiring, font are the terms confined to ——
a) Sheet properties
b) component box
c) status toolbar
d) main toolbar

22. Positive phase shift direction is the tab of ----------
a) preference part
b) preference general
c) preference path
d) none of the above.

23. Hits and wire width are the tab in the----------
a) circuit

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b) workspace
c) wiring
d) all of the above

24. What is the first stage of devolping the circuit with component dragging, connecting, wiring with proper orientation
a) capturing
b) labeling
c) schematic capture
d) all of the above.

25. What is the button for rotating the component 90 degrees counter-clockwise and flips the component vertically in the keyboard
a) CTRL-SHIFT-R ,ALT-X
b) CTRL-R ,ALT-Y
c) CTRL-SHIFT-Z ,ALT-Y
d) CTRL-SHIFT-R ,ALT-Y

26. TTL operates from
a) 4V supply
b) 3V supply
c) 2V supply
d) 5V supply

27. The Output of an AND gate with three inputs A,B, C is HIGH when
a) A=1, B=1, C=1
b) A=1, B=1, C=1
c) A=1, B=1, C=1
d) A=1, B=1, C=1

28. When used with an IC what does the word "QUAD" means?
a) 3-circuits
b) 4-circuits
c) 2-circuits
d) 5-circuits

29. The Output of OR gate with three inputs A,B, C is LOW when
a) A=0, B=0, C=0
b) A=0, B=1, C=0
c) A=0, B=0, C=1
d) A=1, B=1, C=1

30. Which tool bar contains buttons for each instrument available with your edition of Multisim?
a) Measurement toolbar
b) Multi-instrumentation toolbar

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c) Both a and b
d) all the above

31. To Flip the Component Horizontally, you should click _____
a) Flip
b) Flip Vertically
c) Flip horizontally
d) All the above

32. Which is a design tool that provides you with all the components and Instruments?
a) EWB
b) SRAM
c) Either a or b
d) Both a and b

33. Which of the following memories uses one transistor and one capacitor as basic Memory unit?
a) EWB
b) SRAM
c) either a or b
d) Both a and b

34. A latch is _____ sensitive.
a) Rotate
b) Flip
c) either a or b
d) level

35. How many entries will be in the truth table of a 3 input NAND gate?
a) 3
b) 4
c) 5
d) 7

36. Which toolbar contains buttons for commonly-performed functions?
a) Desktop toolbar
b) System and desktop toolbar
c) System toolbar
d) none of the above

37. Short cut key to flip the component vertically.
a) Alt+y
b) Alt+x
c) Alt+z
d) Alt+v

38. What is HDL?
Hardware Details Language

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b) Hardware Description Language
c) Hard Disk Language
d) All the above

39. To see the results, click _____.
a) Simulate
b) Simulink
c) Simulate and simulink
d) none of the above

40. The _____ offers a variety of tools for examining the results of your simulation and analysis.
(a) Grapher
(b) Multisim grapher
(c) transient analysis tab
(d) none o the above

41. To create a BOM for the circuit, click the _____ from the design bar and choose Bill of Materials from the menu that appears.
a) Restore Button
b) Reports Button and Restore
c) Report button
d) all the above

42. To restore your previously saved settings click _____
(a) previous button
(b) undo button
(c) restore default
(d) redo button

43. The _____, where you set the parameters for this particular analysis.
a) Analysis Parameter Tab
b) Restore Default
c) Reports Button
d) all the above

44. The _____, where you specify which nodes are to be analyzed and what is to be done with the results.
a) Output Variables tab
b) Summary Tab
c) VHDL and Verilog HDL
d) none of the above

45. The _____, where, if you wish, you can see a consolidated view of all the settings for the analysis.
a) Summary tab
b) Miscellaneous parameter tab

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(c) output variable tab
(d) miscellaneous option tab.

46. Multisim supports both _____ and _____.
(a) VHDL
(b) Verilog
(c) VHDL and Veilog
(d) none o the above.

47. Multisim also provides complete VHDL and Verilog HDL design, simulate and debug capabilities for designing your circuits for implementation in _____ and _____.
a) FPGAs and CPLD
b) VHDL CPLD
c) Verilog HDL FPGA
d) none of the above

48. Primary input voltage, magnetizing impedence, leakage impedance,winding resistance are the properties of ——— model
a) two winding linear transformer
b) linear transformer
c) buck Converter
d) MOSFET

49. Virtual instruments have two views: _____ you attach to your circuit and the opened instrument, where you set the instrument's controls and display options.
a) The Instrument Icon.
b) Summary Tab
c) Output Variables tab
d) all the above

50. The _____contains buttons for each instrument available with your edition of Multisim.
(a) system tool bar
(b) instrument tool bar
(c) Zoom tool bar
(d) multi design bar

51. Electronic Workbench is used for simulating_____
(a) Electronic circuits
(b) Mathematical circuits
(c) Both (a) & (b)
(d) All the above

52. Electronic Workbench is_____
(a) Fast and easy
(b) Fast and difficult

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(c) Slow and easy
(d) None of the above

53. An Electronic Workbench is opened by_____
(a) Icon---toolbars
(b) Icon---file
(c) Icon---elements
(d) None of the above

54. How to place the components on the circuit window?
(a)File/New/ Parts Bin toolbar
(b) File/New/workbench
(c) Both (a) & (b)
(d) File/circuit

55. Circuit elements are arranged by_____
(a)CTRL+click, or by
(b) Dragging the mouse
(c) Both (a) & (b)
(d) Either (a) or (b)

56. Components can be wired together by_____
(a) dragging black dot
(b) dragging wire
(c) dragging circuit
(d) All the above

57. Components values can be set using_____
(a) Double-click/ VALUE
(b) click/ VALUE
(c) either (a) or (b)
(d) none of the above

58. Designed circuit can be saved by_____
(a)File-new
(b) File-Save
(c) File-compose
(d) none of the above

59. The voltmeter in the designed circuit can be attached by _____
(a) Drag voltmeter
(b) Toolbar/Drag voltmeter
(c) Toolbar/voltmeter
(d) All the above

60. Changes and additions in the designed circuits are done by _____
(a) Add/value
(b) Components/change

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(c) Add/components/change/value
(d) none of the above

61. How the main instruments like Function Generator, Oscilloscope etc., in the circuit are used?
(a) using the parameter
(b) dragging the component
(c) both (a) & (b)
(d) changing the wave form and frequency

62. Do most oscilloscopes cannot produce an internal offset that is much larger than the full scale display range?
(a) True
(b) False
(c) cannot be determined
(d) partly correct

63. To get a larger image of the circuit, click the _____ button.
(a) Enlarge
(b) Expand
(c) Zoom
(d) None of the above

64. How to use Piecewise Linear Source?
(a) Drag PWL
(b) Double-click
(c) Drag PWL/Double-click
(d) All the above

65. In Pulse Source _____parameters that can be modified
(a) Initial Value
(b) Pulsed Value
(c) both (a) & (b)
(d) All the above

66. Multisim is to perform_____
(a) Large component database
(b) schematic entry
(c) full analog/digital SPICE simulation
(d) All the above

67. How to add text to the circuit?
(a) Place/Place Text
(b) Place Text
(c) Edit
(d) place/edit

68. Simulate the circuit by_____

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(a) simulate/save
(b) simulate/Run/open
(c) Simulate/Run
(d) Simulate/open

69. Write the procedure for performing Analysis for the designed circuit
(a) Output Variables tab
(b) Miscellaneous Options tab
(c) Summary tab
(d) All the above

70. Multisim computes Transient Analysis by _____
(a) function of steady state
(b) function of response
(c) function of time
(d) All the above

71. How to Set Noise Figure Analysis Parameters for Normal Use?
(a) Input noise/Output node/drop-down list
(b) Output node/drop-down list
(c) Input noise/Output node
(d) Input noise/drop-down list

72. Write a starting code of SPICE model for a typical transistor
(a) RB=1.500
(b) BF=99.655
(c) MODEL BF517 NPN
(d) KF=1.000F

73. To find a matching network _____ to be done?
(a) Match Net Designer button
(b) Impedance Matching tab
(c) Impedance Matching tab /Auto Enable
(d) Match Net. Designer button/ Impedance Matching tab.

74. Model Data Report can be generated using_____
(a) Report/Component Detail Report
(b) Database, Group, Family and Component
(c) Both (a) & (b)
(d) none of the above

75. What is Bill of Materials?
(a) Place the PCB
(b) debug the circuit
(c) either (a) or (b)
(d) Manufacture the circuit board

76. Components of Bill of Materials is_____

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(a) Quantity
(b) Description, including its type and value
(c) RefDes
(d) All the above

77. Which of the below is not a virtual component toolbar.
(a) Power Source
(b) Signal Source Components
(c) Diodes toolbar
(d) none of the above

78. Analog component toolbar consist of ------
(a) PLL opt coupler
(b) comparator, opamp
(c) 7-segment display
(d) monostable & astable

79. 555 Timer; Analog Switch; Crystal; DCD Hex; Current Rated Fuse; Lamp are the toolbars
(a) Miscellaneous Components toolbar
b) Analog Components toolbar
c) Transistor Components toolbar
d) Measurement Components toolbar.

80. Basic component toolbar specifically consist of ---------- buttons.
(a) capacitor, coreless coil; inductor; magnetic core coil
b) addition, subtraction, division
c) DC current and voltage source
d) both a and b.

81. Which is not a transistor component toolbar?
a) BJT NPN; BJT PNP
(b) diode, zener diode
c) JFET N; JFET P
d) GaASFET N; GaASFET P

82. What button has to be selected To copy a part of the screen to the clipboard?
(a) Tools/Capture Screen Area
b) View/Toolbars
c) toolbars/ Comment/Probe
d) Tools/Description Box.

83. What are the limits of tab stop position?
(a) 1.25"-2"
b) 5"-6"
c) 3.5"-4"
d) 2"-5"

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84. The ---------- button save the selection as a textfile which is the feature is not available in all versions of Multisim.
a) Export to Excel button
b) Export to CSV File button
c) Export to Textfile button
d) Export to file button

85. The ----------is a specialized graphics editor that allows you to create or modify a block.
a) Title Block Editor
b) spreadsheet editor
c) circuit editor
d) all the above

86. Which of the function not belong to Graphics Menu?
a) Rectangle
b) multiline and text
c) square
d) half ellipse arc

87. Which is not a tab in Zoom Toolbar?
a) Zoom in
b) zoom 100%
c) zoom out
d) context toolbar

88. What is the button that separates the joined elements in the circuit window?
a)Resize Boundary Box button
b) Group button
c) Horizontal button
d) Snap to Grid button

89. The ---------- creates and displays a report detailing connection errors (such as an output pin connected to a power pin) and unconnected pins.
a) Connection checking
b) Electrical Rules Checking
c) Component checking
d) None of the above

90. Electric rules check dialog box consist of ---------- connections.
a) Offpage Connectors
b) Hierarchical Block Pins
c) Bus Offpage Connectors
d) All the above

91. The Version Control dialog box is for the----
a) Interacted simulation

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b) Importing the circuit present version
c) Back up current version
d) none of above

92. What is the function of component browser?
a) edit ,save, paste
b) database , group , function
c) font,size, contrast
d) all the above.

93. Family, name, function, vendor are the main components of ———
a) Database manager
b) component browser
c) files manager
d) none of the above

94. The ————————is the process through creating a component.
a) database creater
b) components creater
c) Compenent Wizard
d) database wizard

95. In editing a component symbol, the spread sheet is to declare the
a) number orientation
b) font size
c) both a and b
d) none of above

96. Bezier is the button related to the ——
a) Multiline
b) line
c) curve
d) arc

97. Multisim supports models created using standard——— syntax
a) Matlab Simulink
b) Spice
c) Java
d) all the above

98. ————————model is not created by the model maker
a) Transmission line
b) random noise generator
c) operational amplifier
d) buck and boost converter

99. The primitive model is available for ——— in the given below
a) ammeter, voltmeter

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b) wiring between the components
c) voltage and current source
d) lossy transmission line

100. Number of poles, rated voltage, stator winding inductance and resistance are the component properties of ------ model maker.

a) Active component
b) dependent source
c) BJT
d) three phase AC motor.

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VALUE ADDED COURSE: ELECTRONIC DESIGN AUTOMATION

COURSE CODE: VACECEED22

SL.NO	NAME OF THE STUDENT	YEAR/DEPT	MARKS(100)
1	[illegible]	II/ECE	80
2	[illegible]	II/ECE	82
3	[illegible]	II/ECE	80
4	[illegible]	II/ECE	90
5	[illegible]	II/ECE	90
6	[illegible]	II/ECE	85
7	[illegible]	II/ECE	95
8	[illegible]	II/ECE	90
9	[illegible]	II/ECE	90
10	[illegible]	II/ECE	85
11	[illegible]	II/ECE	80
12	[illegible]	II/ECE	95
13	[illegible]	II/ECE	95
14	[illegible]	II/ECE	80
15	[illegible]	II/ECE	90
16	[illegible]	II/ECE	90
17	[illegible]	II/ECE	85
18	[illegible]	II/ECE	95
19	[illegible]	II/ECE	85
20	[illegible]	II/ECE	90
21	[illegible]	II/ECE	95
22	[illegible]	II/ECE	90
23	[illegible]	II/ECE	85
24	[illegible]	II/ECE	85
25	[illegible]	II/ECE	88
26	[illegible]	II/ECE	82
27	[illegible]	II/ECE	82
28	[illegible]	IV/ECE	95
29	[illegible]	IV/ECE	98
30	[illegible]	IV/ECE	82
31	[illegible]	IV/ECE	80
32	[illegible]	IV/ECE	78
33	[illegible]	IV/ECE	95
34	[illegible]	IV/ECE	82
35	[illegible]	IV/ECE	98
36	[illegible]	IV/ECE	80
37	[illegible]	IV/ECE	96
38	[illegible]	IV/ECE	98
39	[illegible]	IV/ECE	90
40	[illegible]	IV/ECE	94
41	[illegible]	IV/ECE	95
42	[illegible]	IV/ECE	94
43	[illegible]	IV/ECE	96
44	[illegible]	IV/ECE	98

COORDINATOR

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Annai Vailankanni College of Engineering

(Approved by AICTE & Affiliated to Anna University,Chennai)

AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. T.S.THANUSHA.

of ANNAI VAILANKANNI COLLEGE OF ENGINEERING.

has attended the Course on ELECTRONIC DESIGN AUTOMATION.

during the academic Year 2022-2023

CO-ORDINATOR HOD PRINCIPAL

M. Babisha
IV ECE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK

(Value added Course Training)

Name of the Program	:	Certificate Course Training		
Topic	:	Electronic Design automation		
Date:	:	1/8/22 - 9/8/22	*Time:*	9.00Am-4.00Pm
Year	:	I/II/III/IV/Others		

1. The quality of the course content:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

2. The sequence of the Training plan:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

3. Your Expectation and level of the Training:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

4. Interaction/ Hands-on Sessions of the faculty:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

5. The quality of course material:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

6. The training was clear and easy understand:

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

7. Suggestion for improvement if any : Make informative

8. Overall rating about certificate course Value added Course Training :

   5. Excellent 4. Very Good 3. Good 2. Satisfactory 1. Poor

Babisha
Name & Signature of the Participant

H. BABISHA

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Value Added Course on

VHDL PROGRAMMING

01/08/2022 to 09/08/2022

Conducted by

DEPARTMENT OF

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

About this Course:

- Explain design, test and implementation of digital hardware
- Explain the hierarchy and modelling of structures
- Introduces syntax, lexical conventions, data types and memory
- Explains the concept of test benches.

MODULE 1: INTRODUCTION

MODULE 2: OPERATORS

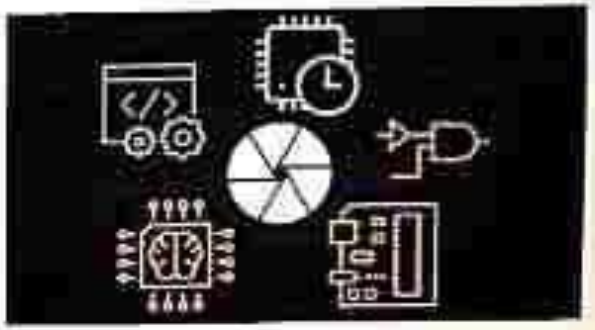
MODULE 3: SIGNAL ASSIGNMENTS

MODULE 4: THE STRUCTURE OF VERILOG MODELS

MODULE 5: THE TESTBENCH, ITS ROLE AND STRUCTURE

No Registration Fees

COURSE DURATION



Registration Fee: Nil

Last Date for Registration:
27/07/2022

For further details, please contact:

Course Coordinator-
Mrs.Berlin Shaheema,
HOD – Dept. of AI&DS,
9600300114
berlin-ai@avce.edu.in

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(A Christian Minority Institution)
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Recognized under section 2(f) of UGC Act 1956
Website: www.avce.edu.in

Department of Artificial Intelligence and Data Science

Academic Year 2022-2023

CIRCULAR

26-07-2022

Ref: From the desk of the HOD/ AI&DS. Ref No:2022-2023/ AI&DS /VACAIDSVI'22

It is decided to conduct **VHDL PROGRAMMING** Course for II & III Year Artificial Intelligence and Data Science students for the academic year 2022-2023. Students are asked to contact their respective Class in charge for the enrolment of the course on or before 27/7/22.The course will be held from 01/8/22 for II & III year Students in Computer Lab

Venue:

Computer Lab

Students are asked to use this opportunity to know more about design, test and implementation of digital hardware.

ALL THE BEST

HOD/AI&DS

Address:
AVE Nagar, Puttalkudam,
Azhagappapuram Post, Kanyakumari District - 629401.

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+91-98410 11758
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+91-98410 11760

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

VALUE ADDED COURSE: VHDL PROGRAMMING

COURSE CODE: VACAIDSVP22

DAY: I

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	01.08.2022	9.00 AM-10.30 AM	1.30
2	01.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	01.08.2022	1.00 PM-2.30 PM	1.30
4	01.08.2022	2.30 PM-4.00 PM	1.30

DAY: II

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	02.08.2022	9.00 AM-10.30 AM	1.30
2	02.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	02.08.2022	1.00 PM-2.30 PM	1.30
4	02.08.2022	2.30 PM-4.00 PM	1.30

DAY: III

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	03.08.2022	9.00 AM-10.30 AM	1.30
2	03.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	03.08.2022	1.00 PM-2.30 PM	1.30
4	03.08.2022	2.30 PM-4.00 PM	1.30

DAY: IV

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	04.08.2022	9.00 AM-10.30 AM	1.30
2	04.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	04.08.2022	1.00 PM-2.30 PM	1.30
4	04.08.2022	2.30 PM-4.00 PM	1.30

DAY : V

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	05.08.2022	9.00 AM-10.30 AM	1.30
2	05.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	05.08.2022	1.00 PM-2.30 PM	1.30
4	05.08.2022	2.30 PM-4.00 PM	1.30

DAY: VI

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	06.08.2022	9.00 AM-10.30 AM	1.30
2	06.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	06.08.2022	1.00 PM-2.30 PM	1.30
4	06.08.2022	2.30 PM-4.00 PM	1.30

DAY : VII

SESSION I			
PERIOD	DATE	TIMINGS	HOURS
1	08.08.2022	9.00 AM-10.30 AM	1.30
2	08.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	08.08.2022	1.00 PM-2.30 PM	1.30
4	08.08.2022	2.30 PM-4.00 PM	1.30

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DAY: VIII

SESSION I			
PERIOD	**DATE**	**TIMINGS**	**HOURS**
1	09.08.2022	9.00 AM-10.30 AM	1.30
2	09.08.2022	11.00 AM-12.30 PM	1.30
SESSION II			
3	09.08.2022	1.00 PM-2.30 PM	1.30
4	09.08.2022	2.30 PM-4.00 PM	1.30

COURSE COORDINATOR

HOD

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KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Anbagappapuram P.O, K.K.District ,Tamil Nadu - 629 401.

VALUE ADDED COURSE: VHDL PROGRAMMING

COURSE CODE: VACAI05VP22

SL.NO	NAME OF THE STUDENT	YEAR/DEPT
1	[redacted]	II AI&DS
2	[redacted]	II AI&DS
3	[redacted]	II AI&DS
4	[redacted]	II AI&DS
5	[redacted]	II AI&DS
6	[redacted]	II AI&DS
7	[redacted]	II AI&DS
8	[redacted]	II AI&DS
9	[redacted]	II AI&DS
10	[redacted]	II AI&DS
11	[redacted]	II AI&DS
12	[redacted]	II AI&DS
13	[redacted]	II AI&DS
14	[redacted]	II AI&DS
15	[redacted]	II AI&DS
16	[redacted]	II AI&DS
17	[redacted]	II AI&DS
18	[redacted]	II AI&DS
19	[redacted]	II AI&DS
20	[redacted]	II AI&DS
21	[redacted]	II AI&DS
22	[redacted]	II AI&DS
23	[redacted]	II AI&DS
24	[redacted]	II AI&DS
25	[redacted]	II AI&DS
26	[redacted]	II AI&DS
27	[redacted]	II AI&DS
28	[redacted]	II AI&DS
29	[redacted]	II AI&DS
30	[redacted]	II AI&DS
31	[redacted]	II AI&DS
32	[redacted]	II AI&DS
33	[redacted]	II AI&DS
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47	[redacted]	II AI&DS

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53	BENIL MARX G S	III AI&DS
54	CHANDRALEKA S	III AI&DS
55	HELAN MARY S	III AI&DS
56	JULIE SUBIKSHA S	III AI&DS
57	JINO T	III AI&DS
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59	MAGESH M	III AI&DS
60	MARIYAPPAN G	III AI&DS
61	MATHAN M	III AI&DS
62	MICHAEL SINGARAYAR THOMSON S	III AI&DS
63	MICHEAL THOMAS JEBA VALAN P	III AI&DS
64	MOHAN N	III AI&DS
65	NINESHA L	III AI&DS
66	PRADANYA M	III AI&DS
67	RAHULHARI J	III AI&DS
68	RAJA DONALD S	III AI&DS
69	RAJESH KUMAR I	III AI&DS
70	SANJAY S	III AI&DS
71	SATHISH N R	III AI&DS
72	SUPRIYA S	III AI&DS
73	VAHEDA S F	III AI&DS
74	AEBIA JUDE P S	III AI&DS
75	BALA SARAVANAN B	III AI&DS
76	RISHO MATTHEW R M	III AI&DS

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COURSE CODE: VACA1IDSVP22
ATTENDANCE - SESSION II

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1	ABIJITH S S	II AI&DS														
2	ABINESH H	II AI&DS														
3	ADITYAN V L	II AI&DS														
4	ANJU SANAYA ASWIN A	II AI&DS														
5	ARUN R	II AI&DS														
6	ASHA A	II AI&DS														
7	BELSI MARY S	II AI&DS														
8	BHAVADHARAN D	II AI&DS														
9	BRITTO SOLOMON M	II AI&DS														
10	DEEPAK M	II AI&DS														
11	DHARSHINI M	II AI&DS														
12	DINESH KUMAR K	II AI&DS														
13	HARISH R	II AI&DS														
14	ISHWARYA S	II AI&DS														
15	JERRY J	II AI&DS														
16	JEROME S DOMINIC	II AI&DS														
17	JINISHA L	II AI&DS														
18	JOHNSON JEBASEELAN I	II AI&DS														
19	KEERTHI SREE J	II AI&DS														
20	KANNIKA M	II AI&DS														
21	KAVASKER S	II AI&DS														
22	KEERTHI A L	II AI&DS														
23	LOKESH R	II AI&DS														
24	MAYOON RAJ J	II AI&DS														
25	MIRUN	II AI&DS														
26	MITHUNA	II AI&DS														
27	MOHITHA M	II AI&DS														
28	NANTHINI S	II AI&DS														
29	NISHA SANTHOSH M S	II AI&DS														
30	NIVETHAL M	II AI&DS														
31	PAVISHRA P	II AI&DS														
32	RACHEL D	II AI&DS														
33	RAGHUL R	II AI&DS														

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35	SARUHA C	III AI&DS	
36	SAMUEL BRES V	III AI&DS	
37	SELVA SHIVA J	III AI&DS	
38	SELVATHAKUR R R	III AI&DS	
39	SHANELI L K	III AI&DS	
40	SHANTHINI K	III AI&DS	
41	SHARMI J	III AI&DS	
42	SHEBA G	III AI&DS	
43	SHAMEEM AL HUSSAIN	III AI&DS	
44	VINOTH KUMAR A	III AI&DS	
45	VANMADAN B	III AI&DS	
46	[illegible]	III AI&DS	
47	[illegible]	III AI&DS	
48	ARUN T	III AI&DS	
49	ARUN V	III AI&DS	
50	ASIAL P	III AI&DS	
51	ANNA HARSHA T	III AI&DS	
52	ARTHUR GODSON C	III AI&DS	
53	BINU MOUK G S	III AI&DS	
54	CHANDRALEKA S	III AI&DS	
55	HELAN MARY E	III AI&DS	
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71	SATHISH N S	III AI&DS	
72	SUPRIYA S	III AI&DS	
73	VARSHA S P	III AI&DS	
74	ALEEA JUDITH	III AI&DS	

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76	KEJHO MATTHEW R.M	III AIDS														

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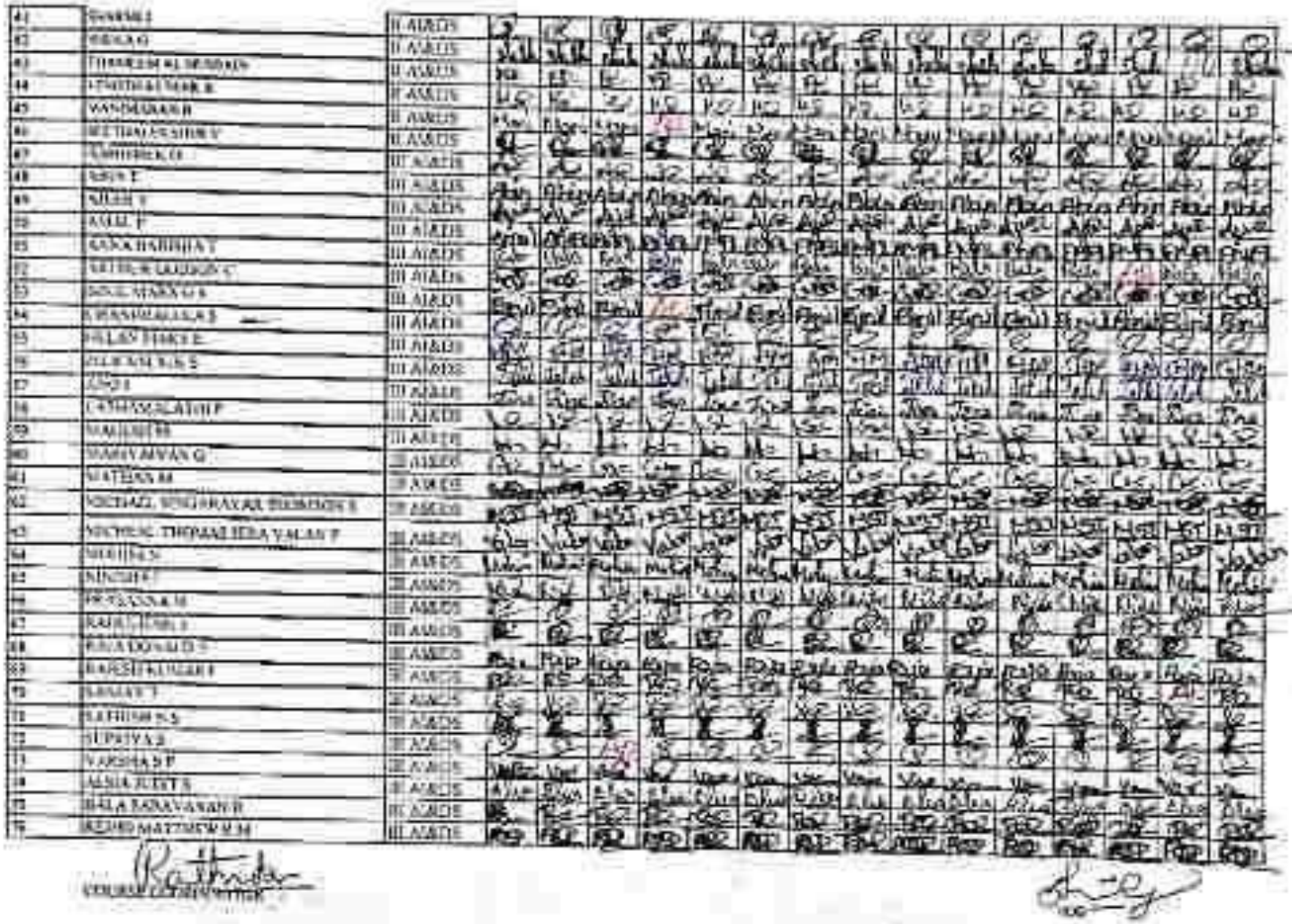
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COURSE CODE: VACAIDSVP22
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VHDL PROGRAMMING



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VHDL PROGRAGMMING
COURSE CODE: VACAIDSVP22

1. In what aspect, HDLs differ from other computer programming languages?
a) No aspect; both are same
b) HDLs describe hardware rather than executing a program on a computer
c) HDLs describe software and not hardware
d) Other computer programming languages have more complexity

2. Which of the following HDLs are IEEE standards?
a) VHDL and Verilog
b) C and C++
c) Altera and Xilinx
d) Quartus II and MaxPlus II

3. Why we needed HDLs while having many traditional Programming languages?
a) Traditional programming languages are complex
b) HDLs are complementary to traditional programming languages to complete the design process
c) Some characteristics of digital hardware couldn't be captured by traditional languages
d) HDLs offer more complexity than traditional programming languages.

4. An HDL can't describe Hardware at Gate level as well as switch level?
a) True
b) False

5. Why do we need concurrent processing for describing digital systems in HDLs?
a) Faster processing than conventional programming languages
b) Concurrent processing is easier than sequential processing
c) It allows taking timing constraints into consideration
d) Complexity of digital systems needs concurrent processing

6. An ASIC can be correctly designed by using programming languages like C or Assembly.
a) True b) False

7. verilog is based on which of the following programming languages?

a) ADA programming language
b) C
c) Assembly
d) PHP

8. What is the advantage of using VHDL instead of any other HDL?
a) Week typing
b) Based on ADA
c) Portability

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d) Easy to code

9. Which of the following is a characteristic of VHDL?
a) Case sensitive
b) Use of simple data types
c) Based on C programming language
d) Strongly typed language

10. Which of the following is a characteristic of Verilog HDL?
a) Strongly typed language
b) Case sensitive
c) Better library
d) Not portable

11. Which of the following is the basic building block of a design?
a) Architecture
b) Entity
c) Process
d) Package

12. Complete description of the circuit to be designed is given in _____
a) Architecture
b) Entity
c) Library
d) Configurations

13. An entity can have more than one architecture.
a) True
b) False

14. What is the use of Configuration statement?
a) To configure the components exactly in design
b) To complete the design process by adding libraries
c) To add more than one entities into a single architecture
d) To add some component in any entity architecture pair

15. Driver can be seen as a _____ of the signal.
a) Part
b) Type
c) Final value
d) Source

16. In Boolean algebra, the true statement is denoted by above as _____
a) logic one
b) logic 0

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c) either 0or 1
d) none of the

17. _____ chip is used in mobile phone
a) CMOS chip
b) TTL chip
c) Logic gates
d) none of the above

18. The aspect which differentiates verilog programming from normal programming
a) structure of gates
b) Multiple threads
c) HDL
d) none of the above

19.Module contain _____ type of statements
a) behavioural statement
b) structural statement
c) both behavioural and structural statements
d) none of the above

20. TTL stands for
a) transistor transistor logic
b) tristate logic
c) transistor tristate logic
d) tristate tristate logic

21. The circuit which is created by logic gates is called as
a) sequential circuit
b) combinational circuit
c) digital circuit
d) analog circuit

22. The circuit which selects many input signals and directs to only one output is called_____
a) encoder
b) Decoder
c) multiplexer
d) demultiplexer

23. The skew are used in clock to _____
a) reduce the delay
b) to increase the delay
c) to propagate the delay



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d) neither increase nor decrease the delay

24. The type of the skew in which the delays are not measured is called_____
a) local skew
b) Global skew
c) Useful skew
d) none of the above

25. HDL refers to
a) Hardware design language
b) Hardware design level
c) Hardware description language
d) none of the above

26.Does the order of input and output ports in the argument of module matters?
a) yes
b)no

27. Which of the following loops are supported by verilog:
a) If else
b) for loop
c) while loop
d) all the above

28. Which level of abstraction level is available in verilog but not in VHDL?
a) Behavioural level
b) Data flow level
c) Gate level
d) Switch level
29. Which logic level is not supported by verilog?
a) U
b) X
c) Z
d) none of the above

30. Which of the following is a difference between function and task?
a) A function can call another function and a task cannot
b) A function cannot call a task, a task can call another function
c) A function has one or more input ,a task has no input
d) A function argument may be an output, task's argument may only be input.

31. Which directive is used to include entire content of verilog source into another file?
a) `include
b) `ifdef
c) ifndef
d) none



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32. always @ (posedge clock)
begin
temp=b;
b=a;
a=temp;
end
The above verilog coding is used to swap the contents of two registers with
a) temporary register
b) without temporary register
c) with register
d) without register

33. PLI stands for _____
a) programming language interface
b) programming peripheral interface
c) programming logic interface
d) programming logic interval

34. The Verilog language has two forms of the procedural assignment statement: they are
a) conditional and non conditional
b)assignment and non assignment
c) blocking and non-blocking
d) inter-segment statements

35. _____ will only return a single value and can not use either output or inout statements.
a) tasks
b) functions
c) statements
d) none of the above

36. Execution of _____ can be viewed as a one-step process.
a) blocking assignments
b) non-blocking assignments
c) intra-segment assignments
d) inter-segment assignments

37. In a pure combinational circuit is it necessary to mention all the inputs in sensitivity disk other wise it will result in pre and post synthesis mismatch.
a) yes
b) no
38. always @ (posedge clk)
begin if (reset)
. . . end
which type of reset is present in the above verilog coding?
Synchronous reset

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Asynchronous reset
Combinational reset
Sequential reset

39. What Is The Difference Between The Following Two Lines Of Verilog Code?
#5 a = b; a = #5 b;

Statement1 waits for 5 time units and then the process is carried out
Statement 2 waits for 5 time units and then the process is carried out
Statement 1 stores the value of b in a without any delay
Statement 2 stores the value of b in a without any delay

40. What Is The Difference Between === And == ?
a) output of "===" cannot be 1, 0 or X
b) "==" is not used for comparison of only 1's and 0's
c) "===" is used for comparison of X also.
d) none of the above

41. The main difference between wire and reg is
a) wire can hold (store) the value
b) when there no connection wire looses value.
c) Reg can hold the value even if there in no connection.
d) none of the above

42. What Are Different Types Of Verilog Simulators ?
a) event driven and cycle based
b) interrupt driven and non-interruptdriven
c) stole-based simulators
d) current based simulators

43. A "full" case statement is a case statement in which all possible case-expression binary patterns can be matched to a case item or to a case default
A "parallel" case statement is a case statement in which it is only possible to match a case expression to one and only one case item.
Justify the statements :
a) Statement 1 is true and statement 2 is false
b) Statement 1is false and statement 2 is true
c) Statement 1 is false and statement 2 is false
d) Both the statements 1and 2 are true

44. _____ of Verilog HDL is a mechanism to interface Verilog programs with programs written in C language.
Programming language interface(PLI)
Programming peripherial interface(ppl)
Programmable logic control(plc)
Programmable interrupt

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45. _____ will only return a single value and can not use either output or inout statements.
a) function
b) tasks
c) assignments
d) none of the above

46. Will Case Infer Priority Register ?
a) true b) false

47. The easiest and efficient way to generate sine wave is using Algorithm.
a) CORDIC
b) ORCHID
a) PSEUDO
b) NONE OF THE ABOVE

48. A module can be used to implement a_____
a) counter
b) register
c) wire
d) none of the above

49. _____ statements in verilog coding are also similar to C with following modifications: { is replaced by begin, } is replaced by end.
a) sequential
b) blocking
c) non-blocking
d) conditional

50._____ symbol is used to specify the condition which should be satisfied for the execution of the always block
a) &
b)#
c)$
d)@

51. always @(posedge clk)
This statement is executed at every_____ edge of clk.
a) Negative
b) Positive
c) Alternative negative
d) Alternative positive

52. Each sub-module has a corresponding _____ file.
a) input file

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b) output file
c) verilog file
d) VHDL file

53. Verilog HDL is case sensitive. Is it?
a) true b) false

54. Negative numbers are represented in _____ form in verilog coding.
a) one's complement
b) without negative sign
c) 2's complement
d) none of the above

55. Verilog supports real _____
a) numbers alone
b) variables alone
c) decimal numbers alone
d) variables and constants

56. Which type of simulator/s neglect/s the intra-cycle state transitions by checking the status of target signals periodically irrespective of any events?
a. Event-driven Simulator
b. Cycle-based Simulator
c. Both a and b
d. None of the above

57) Which among the following is not a characteristic of 'Event-driven Simulator'?
a. Identification of timing violations
b. Storage of state values & time information
c. Time delay calculation
d. No event scheduling

58) Which among the following is an output generated by synthesis process?
a. Attributes & Library
b. RTL VHDL description
c. Circuit constraints
d. Gate-level net list

59.The utilization of CAD tools for drawing timing waveform diagram and transforming it into a network of logic gates is known as _____.
a. Waveform Editor
b. Waveform Estimator
c. Waveform Simulator
d. Waveform Evaluator

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60._____ are special characters used to put conditions or to operate the variables.
a)assignments
b) blocking statements
c) operators
d)concurrent statement

61._____ statements execute parallely
a) blocking statements
b)non-blocking statements
c) concurrent statements
d) intersegment statement

62. which statements execute sequentially?
a) blocking statements
b)non-blocking statements
c) concurrent statements
d) intersegment statement

63._____operators compare two operands and return the result in a single bit, 1 or 0.
a) arithematic operators
b) bit-wise operators
c) logical operators
d) relational operators

64. The operator '&' belongs to_____
a)bitwise OR
b) bitwise AND
c) bitwise equal
d) bitwise xor

65._____ are bit-wise operators and are used only for single-bit operands.
a) arithematic operators
b) bit-wise operators
c) relational operators
d)logical operators

66._____ which are shifting the first operand by the number of bits specified by second operand in the syntax.
a) logical operators
b) bit-wise operators
c) relation operators
d) shift operators

67. The _____ operator combines two or more operands to form a larger vector.
a) logical operators
b) bit-wise operators

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c) concatenation operators
d) shift operators

68. The operator is – {n{item}} (n fold replication of an item) used in _____ operation
a) logical
b) replication
c) relation
d) shift

69. _____ are constant-valued operands that are used in Verilog expressions.
a)constants
b)variables
c) literals
d) operands

70.The net data types represent physical connections between structural entities, their most frequently used type is
Wire
Jump
Register
None of these.

71.A is an abstraction of a data storage element.
a) Register
b) number
c) a call to a function that returns any of the above
d) bit- or part-select of wires or registers

72. Which is a logical operator?
a) &&,||
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73. The synchronizing effect can be coupled to the direction of the change by the keywords
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b) Case
c) always@
d) register

74. Operator which precedes the operand
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b) Binary
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d) None
75. Turn off delay means, gate output transition to
a)



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b) 0
c) x
d) z

76. What are the possible values of === operator
a) 0,1
b) 0,x
c) 1,x
d) 0,1,x

77. What is the time period of clock #10 clock = ~clock
a) 10
b) 20
c) 5
d) None

78. If A=1'b1,B=2'b01,C=2'b00 then y= {A,B[0],C[1]} equals
a) 3'b110
b) 3'b100
c) 3'b101
d) 1'b0

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a) x as dont care
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c) as dont care
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90. What is missing in top module of below code segment
```
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parameter p1 = 5;
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 ("displaying my_vrilog = %d",p1);
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a) Initial statement
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Answer key -vhdl									
1	b	21	b	41	c	61	a	81	c
2	a	22	c	42	a	62	b	82	b
3	d	23	c	43	d	63	b	83	a
4	b	24	a	44	a	64	b	84	d
5	c	25	c	45	a	65	d	85	a
6	a	26	b	46	a	66	d	86	c
7	b	27	d	47	c	67	c	87	b
8	d	28	c	48	a	68	b	88	d
9	d	29	a	49	b	69	a	89	b
10	b	30	d	50	d	70	a	90	a
11	b	31	a	51	d	71	a	91	a
12	a	32	a	52	b	72	a	92	b
13	a	33	a	53	a	73	a	93	c
14	a	34	c	54	c	74	a	94	b
15	d	35	b	55	d	75	d	95	d
16	d	36	a	56	b	76	a	96	d
17	d	37	a	57	c	77	a	97	c
18	a	38	b	58	d	78	d	98	a
19	c	39	d	59	a	79	a	99	b
20	a	40	c	60	a	80	b	100	b

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P. Pavithra
II AIDS

95/100

VHDL PROGRAGMMING
COURSE CODE: VACAIDSVP22

1. In what aspect, HDLs differ from other computer programming languages?
a) No aspect; both are same
b) HDLs describe hardware rather than executing a program on a computer
c) HDLs describe software and not hardware
d) Other computer programming languages have more complexity

2. Which of the following HDLs are IEEE standards?
a) VHDL and Verilog
b) C and C++
c) Altera and Xilinx
d) Quartus II and MaxPlus II

3. Why we needed HDLs while having many traditional Programming languages?
a) Traditional programming languages are complex
b) HDLs are complementary to traditional programming languages to complete the design process
c) Some characteristics of digital hardware couldn't be captured by traditional languages
d) HDLs offer more complexity than traditional programming languages.

4. An HDL can't describe Hardware at Gate level as well as switch level?
a) True
b) False

5. Why do we need concurrent processing for describing digital systems in HDLs?
a) Faster processing than conventional programming languages
b) Concurrent processing is easier than sequential processing
c) It allows taking timing constraints into consideration
d) Complexity of digital systems needs concurrent processing

6. An ASIC can be correctly designed by using programming languages like C or Assembly.
a) True b) False

7. verilog is based on which of the following programming languages?

a) ADA programming language
b) C
c) Assembly
d) PHP

8. What is the advantage of using VHDL instead of any other HDL?
a) Week typing
b) Based on ADA
c) Portability

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d) Easy to code

9. Which of the following is a characteristic of VHDL?
a) Case sensitive
b) Use of simple data types
c) Based on C programming language
d) Strongly typed language

10. Which of the following is a characteristic of Verilog HDL?
a) Strongly typed language
b) Case sensitive
c) Better library
d) Not portable

11. Which of the following is the basic building block of a design?
a) Architecture
b) Entity
c) Process
d) Package

12. Complete description of the circuit to be designed is given in _____
a) Architecture
b) Entity
c) Library
d) Configurations

13. An entity can have more than one architecture.
a) True
b) False

14. What is the use of Configuration statement?
a) To configure the components exactly in design
b) To complete the design process by adding libraries
c) To add more than one entities into a single architecture
d) To add some component in any entity architecture pair

15. Driver can be seen as a _____ of the signal.
a) Part
b) Type
c) Final value
d) Source

16. In Boolean algebra, the true statement is denoted by above as _____
a) logic one
b) logic 0

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c) either 0or 1
d) none of the

17. _____ chip is used in mobile phone
a) CMOS chip
b) TTL chip
c) Logic gates
d) none of the above

18. The aspect which differentiates verilog programming from normal programming
a) structure of gates
b) Multiple threads
c) HDL
d) none of the above

19.Module contain _____ type of statements
a) behavioural statement
b) structural statement
c) both behavioural and structural statements
d) none of the above

20. TTL stands for
a) transistor transistor logic
b) tristate logic
c) transistor tristate logic
d) tristate tristate logic

21. The circuit which is created by logic gates is called as
a) sequential circuit
b) combinational circuit
c) digital circuit
d) analog circuit

22. The circuit which selects many input signals and directs to only one output is called _____
a) encoder
b) Decoder
c) multiplexer
d) demultiplexer

23. The skew are used in clock to _____
a) reduce the delay
b) to increase the delay
c) to propagate the delay

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d) neither increase nor decrease the delay

24. The type of the skew in which the delays are not measured is called_____
a) local skew
b) Global skew
c) Useful skew
d) none of the above

25. HDL refers to
a) Hardware design language
b) Hardware design level
c) Hardware description language
d) none of the above

26.Does the order of input and output ports in the argument of module matters?
a) yes
b) no

27. Which of the following loops are supported by verilog:
a) If else
b) for loop
c) while loop
d) all the above

28. Which level of abstraction level is available in verilog but not in VHDL?
a) Behavioural level
b) Data flow level
c) Gate level
d) Switch level

29. Which logic level is not supported by verilog?
a) U
b) X
c) Z
d) none of the above

30. Which of the following is a difference between function and task?
a) A function can call another function and a task cannot
b) A function cannot call a task, a task can call another function
c) A function has one or more input ,a task has no input
d) A function argument may be an output, task's argument may only be input.

31. Which directive is used to include entire content of verilog souorce into another file?
a) 'include
b) 'ifdef
c) ifndef
d) none



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32. always @ (posedge clock)
begin
temp=b;
b=a;
a=temp;
end
The above verilog coding is used to swap the contents of two registers with
a) temporary register
b) without temporary register
c) with register
d) without register

33. PLI stands for _____
a) programming language interface
b) programming peripheral interface
c) programming logic interface
d) pregramming logic interval

34. The Verilog language has two forms of the procedural assignment statement: they are
a) conditional and non conditional
b)assignment and non assignment
c) blocking and non-blocking
d) inter-segment statements

35. _____ will only return a single value and can not use either output or inout statements.
a) tasks
b) functions
c) statements
d) none of the above

36. Execution of _____ can be viewed as a one-step process.
a) blocking assignments
b) nonblocking assignments
c) intra-segment assignments
d) inter-segment assignments

37. In a pure combinational circuit is it necessary to mention all the inputs in sensitivity disk other wise it will result in pre and post synthesis mismatch.
a) yes
b) no
38. always @ (posedge clk)
begin if (reset)
. . . end
which type of reset is present in the above verilog coding?
Synchronous reset

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Asynchronous reset
Combinational reset
Sequential reset

39. What Is The Difference Between The Following Two Lines Of Verilog Code?
#5 a = b; a = #5 b;

Statement 1 waits for 5 time units and then the process is carried out
Statement 2 waits for 5 time units and then the process is carried out
Statement 1 stores the value of b in a without any delay
Statement 2 stores the value of b in a without any delay

40. What Is The Difference Between === And ==?
a) output of "==" cannot be 1, 0 or X
b) "==" is not used for comparison of only 1's and 0's
c) "===" is used for comparison of X also.
d) none of the above

41. The main difference between wire and reg is
a) wire can hold (store) the value
b) when there no connection wire looses value.
c) Reg can hold the value even if there in no connection.
d) none of the above

42. What Are Different Types Of Verilog Simulators ?
a) event driven and cycle based
b) interrupt driven and non-interruptdriven
c) stole-based simulators
d) current based simulators

43. A "full" case statement is a case statement in which all possible case-expression binary patterns can be matched to a case item or to a case default
A "parallel" case statement is a case statement in which it is only possible to match a case expression to one and only one case item.
Justify the statements :
a) Statement 1 is true and statement 2 is false
b) Statement 1 is false and statement 2 is true
c) Statement 1 is false and statement 2 is false
d) Both the statements 1 and 2 are true

44. _____ of Verilog HDL is a mechanism to interface Verilog programs with programs written in C language.
Programming language interface(PLI)
Programming peripherial interface(ppi)
Programmable logic control(plc)
Programmable interrupt

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45. _____ will only return a single value and can not use either output or inout statements.
a) function
b) tasks
c) assignments
d) none of the above

46. Will Case Infer Priority Register ?
a) true b) false

47. The easiest and efficient way to generate sine wave is using Algorithm.
a) CORDIC
b) ORCHID
a) PSEUDO
b) NONE OF THE ABOVE

48. A module can be used to implement a _____
a) counter
b) register
c) wire
d) none of the above

49. _____ statements in verilog coding are also similar to C with following modifications: { is replaced by begin. ,} is replaced by end.
a) sequential
b) blocking
c) non-blocking
d) conditional

50. _____ symbol is used to specify the condition which should be satisfied for the execution of the always block
a) &
b) #
c) $
d) @

51. always @(posedge clk)
This statement is executed at every _____ edge of clk.
a) Negative
b) Positive
c) Alternative negative
d) Alternative positive

52. Each sub-module has a separate _____ file.
a) input file

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b) output file
c) verilog file
d) VHDL file

53. Verilog HDL is case sensitive. Is it?
a) true b) false

54. Negative numbers are represented in _____ form in verilog coding.
a) one's complement
b) without negative sign
c) 2's complement
d) none of the above

55. Verilog supports real _____
a) numbers alone
b) variables alone
c) decimal numbers alone
d) variables and constants

56. Which type of simulator/s neglect/s the intra-cycle state transitions by checking the status of target signals periodically irrespective of any events?
a. Event-driven Simulator
b. Cycle-based Simulator
c. Both a and b
d. None of the above

57) Which among the following is not a characteristic of 'Event-driven Simulator'?
a. Identification of timing violations
b. Storage of state values & time information
c. Time delay calculation
d. No event scheduling

58) Which among the following is an output generated by synthesis process?
a. Attributes & Library
b. RTL VHDL description
c. Circuit constraints
d. Gate-level net list

59. The utilization of CAD tools for drawing timing waveform diagram and transforming it into a network of logic gates is known as _____
a. Waveform Editor
b. Waveform Estimator
c. Waveform Simulator
d. Waveform Evaluator

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60._____ are special characters used to put conditions or to operate the variables.
a)assignments
b) blocking statements
c) operators
d)concurrent statement

61._____ statements execute parallely
a) blocking statements
b)non-blocking statements
c) concurrent statements
d) intersegment statement

62. which statements execute sequentially?
a) blocking statements
b)non-blocking statements
c) concurrent statements
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63._____operators compare two operands and return the result in a single bit, 1 or 0.
a) arithematic operators
b) bit-wise operators
c) logical operators
d) relational operators

64. The operator '&' belongs to _____
a)bitwise OR
b) bitwise AND
c) bitwise equal
d) bitwise xor

65._____ are bit-wise operators and are used only for single-bit operands.
a) arithematic operators
b) bit-wise operators
c) relational operators
d)logical operators

66._____ which are shifting the first operand by the number of bits specified by second operand in the syntax.
a) logical operators
b) bit-wise operators
c) relation operators
d) shift operators

67. The _____ operator combines two or more operands to form a larger vector.
a) logical operators
b) bit-wise operators

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c) concatenation operators
d) shift operators

68. The operator is – {n{item}} (n fold replication of an item) used in _____ operation
a) logical
b) replication
c) relation
d) shift

69. _____ are constant-valued operands that are used in Verilog expressions.
a) constants
b) variables
c) literals
d) operands

70. The net data types represent physical connections between structural entities, their most frequently used type is
Wire
Jump
Register
None of these.

71. A is an abstraction of a data storage element.
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b) number
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VALUE ADDED COURSE:VHDL PROGRAMMING

COURSE CODE: VACAIDSVP22

MARKSHEET

SL.NO	NAME OF THE STUDENT	YEAR/DEPT	MARKS(100)
1	ABILITH S S	II AI&DS	81
2	ABIRESH R	II AI&DS	77
3	ADITYAN V L	II AI&DS	77
4	ANTO SAHAYA JACINTA A	II AI&DS	86
5	ARUN R	II AI&DS	70
6	ASHA A	II AI&DS	83
7	BELSI MARY S	II AI&DS	85
8	BHARADWAJ D	II AI&DS	78
9	BRITTO SOLOMON M	II AI&DS	82
10	DEEPAK M	II AI&DS	83
11	DHARSHINI M	II AI&DS	92
12	DINESH KUMAR K	II AI&DS	73
13	HARIS A R	II AI&DS	75
14	GOWSALYA S	II AI&DS	84
15	[illegible]	II AI&DS	89
16	KARMEGA VARSHINI	II AI&DS	76
17	KINDIA L	II AI&DS	82
18	KRISHNA PRASANNA S	II AI&DS	90
19	KRISHNA PRIYA J	II AI&DS	91
20	KRISHNA K	II AI&DS	93
21	KAVYASREE S	II AI&DS	82
22	KEERTHANA L	II AI&DS	78
23	LOKESH M	II AI&DS	94
24	MADHAN KAJA T	II AI&DS	87
25	MOHAN	II AI&DS	85
26	NITHILIKA A	II AI&DS	89
27	MOHAMED M	II AI&DS	89
28	NAVEENRAJ S	II AI&DS	77
29	NISHA NANTHINI M S	II AI&DS	79
30	PRADEEPA M	II AI&DS	80
31	PAVETHRA P	II AI&DS	95
32	RACHEL D	II AI&DS	91
33	RAGHUL A	II AI&DS	83
34	RAKESH D	II AI&DS	93
35	SAHANA C	II AI&DS	87
36	SAMUEL ABISH T	II AI&DS	86
37	SELVA PRIYA J	II AI&DS	78
38	SELVATHARSHINI B	II AI&DS	89
39	SHAMILI A	II AI&DS	78
40	SHANTHINI S	II AI&DS	90
41	SHARU J	II AI&DS	93
42	SUDHA G	II AI&DS	81
43	SUHAIEM AL HUSSAIN	II AI&DS	83
44	VINOTH KUMAR A	II AI&DS	94
45	WASIMRAJA H	II AI&DS	91
46	SEETHALEKSHMI V	II AI&DS	75
47	JABISHA A O	III AI&DS	87

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AZHAGAPPAPURAM P.O
KANYAKUMARI DISTRICT
629 401

48	ADIN T	III AI&DS	84
49	ALDRIN Y	III AI&DS	90
50	AMAL P	III AI&DS	93
51	ANNA BABISHA T	III AI&DS	93
52	ARTHUR GODSON C	III AI&DS	80
53	BIBIL MARK G S	III AI&DS	85
54	CHANDRALEKHA S	III AI&DS	95
55	DILLAN MARY S	III AI&DS	79
56	JESICKEJKIE S	III AI&DS	84
57	JINOJ	III AI&DS	94
58	LATHAMALATHILP	III AI&DS	96
59	MAGESH M	III AI&DS	88
60	MARIYAPPAN G	III AI&DS	84
61	MATHAN M	III AI&DS	86
62	MICHAEL SINGARAYAR THOMSON S	III AI&DS	92
63	MICHEAL THOMAS JEBA VALAN P	III AI&DS	84
64	MOHINI N	III AI&DS	79
65	NISHIHA L	III AI&DS	82
66	PRASANNA M	III AI&DS	82
67	RAHULHARI J	III AI&DS	79
68	RAJA DONALD N	III AI&DS	85
69	RAJESH KUMAR T	III AI&DS	85
70	SANJAY T	III AI&DS	83
72	SATHISH K C	III AI&DS	87
72	SUPRIYA S	III AI&DS	89
73	VARSHA S P	III AI&DS	86
74	ALVIA JUDET S	III AI&DS	88
75	BALA SARAVANAN D	III AI&DS	80
76	BIJIHO MATTHEW R M	III AI&DS	83

CULTURAL COORDINATOR

HOD

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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. T. Sanjay

of Annai Vailankanni College of Engineering

has attended the Course on VHDL - Programming

during the academic Year 2022-2023

CO-ORDINATOR

HOD

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE ENGINEERING

FEEDBACK

(Value added Course Training)

Nameoftheprogram	:	CertificateCourseTraining		
Topic	:	VHDL Programming		
Date:	:	1/8/2022 - 9/8/2022	*Time:*	9.00am - 4.00pm
Year	:	I/II/III/IV/Others		

1. **Thequalityof thecoursecontent:**

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1. Poor

2. **Thesequenceofthe Training plan:**

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

3. **YourExpectationand levelofttheTraining:**

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

4. **Interaction/ Hands-onSessionsoftheFaculty:**

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

5. **Thequalityof coursematerial:**

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

6. **Thetrainingwasclear andeasyunderstand:**

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1. Poor

7. **Suggestionforimprovementifany** : VHDL Programming Course was very useful to us

8. **Overallratingsaboutcertificatecourse ValueaddedCourse Training** :

   5. Excellent 4.VeryGood 3.Good 2. Satisfactory 1.Poor

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Name& Signatureofthe Participant

LINDA MOLOMI P

1.2.1 Number of Add on / certificate/ Value Added Programs offered during the last five years

Total Number of Courses: 07

2021-2022

Sl.No	Name of Add on / Certificate Programs offered	Course Code	Duration of Course in hours	No of Students Enrolled in the year
1.	Value Added Course Aptitude and softskill training	PL2101	30 Hours	96
2.	Value Added Course Aptitude training by FACE	PL2102	45 Hours	78
3.	Certificate course NDT	ME2101	30 Hours	16
4.	Certificate course CREO	ME2102	30 Hours	28
5.	Certificate course PRO-E	ME2103	30 Hours	35
6.	Value Added Course Android application development	AI2101	30 Hours	46
7.	Value Added Course REVIT	CE2101	30 Hours	32
TOTAL STUDENTS				331

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1.2.1 Number of Add on / certificate/ Value Added Programs offered during the last five years

Total Number of Courses: 07

2021-2022

Sl.No	Name of Add on / Certificate Programs offered	Course Code	Duration of Course in hours	No of Students Enrolled in the year
1.	Value Added Course Aptitude and softskill training	PL2101	30 Hours	96
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7.	Value Added Course REVIT	CE2101	30 Hours	32
TOTAL STUDENTS				331

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ANNAI VAILANKANNI

College of Engineering

REPORT

on

Aptitude & Soft Skills Training by

Naandi Foundation in association with Titan LeAP

conducted from

27/12/2021 to 31/12/2021

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Training and Placement Cell

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Report on Aptitude and Soft skills training from 27h to 31st December 2021

Naandi Foundation in association with Titan LeAP conducted a 5-day Aptitude and Soft skills training from the 27th to the 31st of December 2021. Mr. Ganesh Babu (phone: 9994391312) was the Aptitude instructor and Mr. Revanth Bommu was the Soft skills instructor. A total of 96 final year students (Batch-1 = 53; Batch -2 = 43) participated in the training programme, which was held in the BOSCH training room and Robotics Lab on the campus of our college. Following is the list of students.

	BATCH - 1	
1	L MANIKANDAN	MECH
2	M NITHIN BABU	MECH
3	A VIJAY PRAKASH	MECH
4	M NITHYANANTHAN	MECH
5	T MUTHU KUMAR	CSE
6	R DEVA	CSE
7	S ESAKI SABARISHVARAN	CSE
8	A RAKESH	CSE
9	A MICHEAL FRANCIS KISHORE	CSE
10	S MUTHU KANNAN	CSE
11	M DINESH	CSE
12	E BARATHI RAJA	MECH
13	I MUTHU KUMAR GANESH	MECH
14	S ANTONY MICHEAL	CSE
15	A MUTHU VENKATESH	MECH

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16	S UTHAYA DURAI	MECH
17	P MANOJI	MECH
18	M BALA MURUGAN	CSE
19	A ABINESH ANTONY	MECH
20	K SIVA KUMAR	MECH
21	K SIVA SUBATHA	CSE
22	S VISHWA	MECH
23	J UMA GANESH	MECH
24	S MUTHU KUMAR	MECH
25	V KAUSALAYA	CSE
26	T PRIYA	CSE
27	M MUTHU BHARATHI	CSE
28	A NISHA	CSE
29	C SUBHASHINI	CSE
30	S DEVI	CSE
31	A SINTHUJA	CSE
32	N ABITHA	CSE
33	D MASANA MALATHI	CSE
34	A AROCKIA DIVYA	CSE
35	G ANTONY KISHORE	MECH
36	S SUYAMBU LINGAM	MECH
37	G AJAY KUMAR	MECH
38	V RITHISH	MECH
39	R ARUN RAKESH	MECH
40	M ABIMANYU	MECH
41	G GLAXTON SHAMUVEL	MECH
42	A ARVAINTH RAJ	MECH
43	K KINGS	MECH
44	R MURUGAMMAL	CSE
45	B ESAKKI DEVI	CSE
46	A MARIYA	CSE
47	K ARUN PRAKASH	MECH
48	V VINOTH	MECH

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49	J ANTO JEBIN	MECH
50	D STEFFIN GEORGE	MECH
51	A SUJIN GANESH	MECH
52	R RAJESH KUMAR	MECH
53	C VENKATESH	MECH
	BATCH – 2	
1	M KALAI SELVAN	CIVIL
2	S ARUN KUMAR	EEE
3	MUTHU SIVA SUBRA MANIAN	CIVIL
4	G AROCKIA STANLIN PRAKASH	ECE
5	C ESAKKI MUTHU	CIVIL
6	M SUJITH	EEE
7	S SURESH RAJA	CIVIL
8	R ABINESH	CIVIL
9	S JINS JEBA DHAS	EEE
10	R SENTHIL	EEE
11	E SANJAY KUMAR	ECE
12	A MUTHU BHARATHI	EEE
13	M MANJU	CSE
14	SABARISHA	CSE
15	S EMIMAL	CSE
16	A SELVA SUTHA	CSE
17	J ABISHA MOL	CSE
18	A ASIBA	CSE
19	B JANANI	CSE
20	J JEBA RESHMA	CSE
21	R DELMA ROSE	CSE
22	S MALLIKA	CSE
23	P PONNAZAGU MONISHA	CIVIL
24	ANNIE STEPHILA	CIVIL
25	B KARTHIKA	CIVIL
26	T RAMA LAKSHMI	ECE
27	C INBA MUKILA	ECE
28	P DIVYA JOTHI	EEE
29	Y JENSI	ECE
30	M SULAEBHA	ECE

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31	M BIBISHA	ECE
32	R AKILA	ECE
33	M PAVITHRA	ECE
34	E MASANAM	ECE
35	B INDHU MATHI	ECE
36	R SUMITHA	ECE
37	SUBATHRA S	ECE
38	M AJITH	EEE
39	V DINESH	EEE
40	R RAMASAMY	CSC
41	D GODWIN	CSC
42	O SRINATH	CIVIL
43	ARUN	EEE



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During the validictary function, the top eight students were recognised. The list of students is as follows: Mr. Ajay Kumar (MECH), Mr. Arun Rakesh (MECH), Ms. Malika (CSE), Ms. Muthu Bharathi (CSE), Ms. Arockia Divya (CSE), Ms. Subathra (ECE), Mr. Arockia Stanlin Prakash (ECE), Mr. Muthu Siva Subramanian (CIVIL).

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(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
AVK Nagar,, Pottalkualm, Azhagappapuram P.O.kanyakumari District-629 401

Department of Training and Placement

5 Days Skill Development Programme
Aptitude & Soft skills training
27th to 31st December 2021

Valedictory Ceremony

Programme Schedule

3:10 pm	Welcome address	Mr. Lalu Gladson Robin, TPO
3:12 pm	Principal address	Dr. A. Benham, Principal
3:20 pm	Feedback session:	
3:30 pm	Distribution of awards	Mr. Manikandan, Manager
3:35 pm	Vote of thanks	Dr. J. Sunil, Vice-Principal

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Attendance Sheet:

Sl. No.	Name	Department	Batch	27/12/21		28/12/21		29/12/21		30/12/21		31/12/21		Present
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Out of 10
1	L MANIKANDAN	MECH	1	P	A	A	A	A	A	A	A	A	A	1
2	M NITHIN BABU	MECH	1	P	A	A	A	A	A	A	A	A	A	1
3	A VIJAY PRAKASH	MECH	1	P	A	A	A	A	A	A	A	A	A	1
4	M NITHYANANTHAN	MECH	1	P	P	A	A	A	A	P	P	A	A	4
5	T MUTHU KUMAR	CSE	1	P	P	P	P	A	A	P	P	A	A	6

6	R DEVA	CSE	1	P	P	A	A	P	P	P	P	P	P	8
7	S ESAKI SABARISHVARAN	CSE	1	P	P	P	P	A	A	P	P	P	P	8
8	A RAKESH	CSE	1	P	P	P	P	P	P	P	P	A	A	8
9	A MICHEAL FRANCIS KISHORE	CSE	1	P	P	P	P	A	A	P	P	A	A	6
10	S MUTHU KANNAN	CSE	1	P	P	P	P	A	A	P	P	A	A	6
11	M DINESH	CSE	1	P	P	P	P	P	P	P	A	A	A	7
12	E BARATHI RAJA	MECH	1	P	P	P	P	P	P	P	P	P	P	10
13	I MUTHU KUMAR GANESH	MECH	1	P	P	P	P	A	A	P	P	A	A	6
14	S ANTONY MICHEAL	CSE	1	P	P	A	A	A	A	A	A	A	A	2
15	A MUTHU VENKATESH	MECH	1	P	P	P	P	P	P	P	P	P	P	10
16	S UTHAYA DURAI	MECH	1	P	P	P	P	P	P	P	P	P	P	10
17	P MANOJI	MECH	1	P	P	A	A	A	A	A	A	A	A	2
18	M BALA MURUGAN	CSE	1	P	P	P	P	P	P	P	P	A	A	8
19	A ABINESH ANTONY	MECH	1	P	P	A	A	P	P	P	P	P	P	8
20	K SIVA KUMAR	MECH	1	P	P	P	P	P	P	P	P	P	P	10
21	K SIVA SUBATHA	CSE	1	P	P	P	P	P	P	P	P	P	P	10
22	S VISHWA	MECH	1	P	P	P	P	A	A	A	A	A	A	4
23	J UMA GANESH	MECH	1	P	P	A	A	A	A	A	A	A	A	2
24	S MUTHU KUMAR	MECH	1	P	P	P	P	A	A	P	P	A	A	6
25	V KAUSALAYA	CSE	1	P	P	P	P	A	P	P	P	P	P	9
26	T PRIYA	CSE	1	P	P	P	P	P	P	P	P	P	P	10
27	M MUTHU BHARATHI	CSE	1	P	P	P	P	P	P	P	P	P	P	10
28	A NISHA	CSE	1	P	P	P	P	P	P	P	P	P	P	10
29	C SUBHASHINI	CSE	1	P	P	P	P	P	P	P	P	P	P	10
30	S DEVI	CSE	1	P	P	P	P	P	P	A	A	P	P	8
31	A SINTHUJA	CSE	1	P	P	P	P	P	P	A	A	A	A	6
32	N ABITHA	CSE	1	P	P	P	P	P	P	P	P	P	P	10

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33	D MASANA MALATHI	CSE	1	P	P	P	P	P	P	P	P	P	P	10
34	A AROCKIA DIVYA	CSE	1	P	P	P	P	P	P	P	P	P	P	10
35	G ANTONY KISHORE	MECH	1	P	P	P	P	P	P	P	P	P	P	10
36	S SUYAMBU LINGAM	MECH	1	P	P	A	A	A	A	A	A	A	A	2
37	G AJAY KUMAR	MECH	1	P	P	P	P	P	P	P	P	P	P	10
38	V RITHISH	MECH	1	P	P	P	P	P	P	P	P	P	P	10
39	R ARUN RAKESH	MECH	1	P	P	P	P	P	P	P	P	P	P	10
40	M ABIMANYU	MECH	1	P	P	P	P	P	P	A	A	P	P	8
41	G GLAXTON SHAMUVEL	MECH	1	P	P	A	A	P	P	P	P	P	P	8
42	A ARVAINTH RAJ	MECH	1	P	P	A	A	P	P	P	P	P	P	8
43	K KINGS	MECH	1	P	P	A	A	P	P	P	P	P	P	8
44	R MURUGAMMAL	CSE	1	A	A	P	P	P	P	P	P	P	P	8
45	B ESAKKI DEVI	CSE	1	A	A	P	P	A	A	P	P	P	P	6
46	A MARIYA	CSE	1	A	A	P	P	P	P	P	P	P	P	8
47	K ARUN PRAKASH	MECH	1	A	A	P	P	P	P	A	A	P	P	6
48	V VINOTH	MECH	1	A	A	P	P	P	P	P	A	A	A	5
49	J ANTO JEBIN	MECH	1	A	A	P	A	A	A	A	A	A	A	1
50	D STEFFIN GEORGE	MECH	1	A	A	P	P	P	P	A	A	A	A	4
51	A SUJIN GANESH	MECH	1	A	A	P	P	P	P	P	P	P	P	8
52	R RAJESH KUMAR	MECH	1	A	A	P	P	P	P	P	P	A	A	6
53	C VENKATESH	MECH	1	A	A	P	P	P	P	P	P	P	P	8
	BATCH - 2													0
1	M KALAI SELVAN	CIVIL	2	P	P	P	P	P	P	P	P	P	P	10
2	S ARUN KUMAR	EEE	2	P	P	P	P	P	P	P	P	P	P	10
3	MUTHU SIVA SUBRA MANIAN	CIVIL	2	P	P	P	P	P	P	P	P	P	P	10
4	G AROCKIA STANLIN PRAKASH	ECE	2	P	P	P	P	A	A	P	P	P	P	8
5	C ESAKKI MUTHU	CIVIL	2	P	P	P	P	P	P	P	P	P	P	10
6	M SUJITH	EEE	2	P	P	P	P	P	P	P	P	P	P	10
7	S SURESH RAJA	CIVIL	2	P	P	P	P	P	P	P	P	P	P	10
8	R ABINESH	CIVIL	2	P	P	P	P	P	P	P	P	P	P	10
9	S JINS JEBA DHAS	EEE	2	P	P	P	P	P	A	P	P	A	A	7
10	R SENTHIL	EEE	2	P	P	P	P	P	P	P	P	P	P	10
11	E SANJAY KUMAR	ECE	2	P	P	P	A	A	A	P	P	P	P	7
12	A MUTHU BHARATHI	EEE	2	P	P	A	A	P	A	A	A	A	A	3

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13	M MANJU	CSE	2	P	P	A	A	P	P	P	P	P	A	7
14	SABARISHA	CSE	2	P	P	A	A	P	P	P	P	A	A	6
15	S EMIMAL	CSE	2	P	P	P	P	A	A	P	P	A	A	6
16	A SELVA SUTHA	CSE	2	P	P	P	P	P	P	P	P	P	P	10
17	J ABISHA MOL	CSE	2	P	P	P	P	P	P	P	P	P	P	10
18	A ASIBA	CSE	2	P	P	P	P	P	P	P	P	P	P	10
19	B JANANI	CSE	2	P	P	P	P	A	A	P	P	P	P	8
20	J JEBA RESHMA	CSE	2	P	P	P	P	P	P	P	P	P	P	10
21	R DELMA ROSE	CSE	2	P	P	P	P	A	A	P	P	P	P	8
22	S MALLIKA	CSE	2	P	P	P	P	P	P	P	P	P	P	10
23	P PONNAZAGU MONISHA	CIVIL	2	P	P	P	P	P	P	P	P	P	P	10
24	ANNIE STEPHILA	CIVIL	2	P	P	A	A	A	A	P	P	P	P	6
25	B KARTHIKA	CIVIL	2	P	P	P	P	P	P	P	P	P	P	10
26	T RAMA LAKSHMI	ECE	2	P	P	P	P	P	P	P	P	A	A	8
27	C INBA MUKILA	ECE	2	P	P	P	P	P	P	P	P	P	P	10
28	P DIVYA JOTHI	EEE	2	P	P	P	P	P	P	P	P	A	A	8
29	Y JENSI	ECE	2	P	P	P	P	P	P	P	P	P	P	10
30	M SULAEBHA	ECE	2	P	P	P	P	P	P	P	P	P	P	10
31	M BIBISHA	ECE	2	P	P	A	A	P	P	P	P	P	P	8
32	R AKILA	ECE	2	P	P	P	P	P	P	P	P	P	P	10
33	M PAVITHRA	ECE	2	P	P	P	P	P	P	P	P	P	P	10
34	E MASANAM	ECE	2	P	P	P	P	P	P	P	P	P	P	10
35	B INDHU MATHI	ECE	2	P	P	P	P	P	P	P	P	A	A	8
36	R SUMITHA	ECE	2	P	P	P	P	P	P	P	P	P	P	10
37	SUBATHRA S	ECE	2	P	P	P	P	P	P	P	P	P	P	10
38	M AJITH	EEE	2	A	A	P	P	P	P	P	P	A	A	6
39	V DINESH	EEE	2	A	A	A	A	P	P	P	P	A	A	4
40	R RAMASAMY	CSC	2	A	A	A	A	P	P	P	P	P	P	6
41	D GODWIN	CSC	2	A	A	A	A	P	P	P	P	A	A	4
42	O SRINATH	CIVIL	2	A	A	A	A	P	P	P	P	P	P	6
43	ARUN	EEE	2	A	A	A	A	A	A	P	P	P	P	4

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Attendance	No. of Students
10/10	39
9/10	1
8/10	21
7/10	4
6/10	15
5/10	1
4/10	6
3/10	1
2/10	4
1/10	4
Total	96

This report includes images and a copy of the attendance sheet for your convenience.

Thank you,

Prof. Lalu Gladson Robin,
Head,
Training and Placement Cell,
Annai Vailankanni College of Engineering.

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI

College of Engineering

REPORT

on

Aptitude Training by

FACE

conducted from

16/12/2021 to 22/12/2021

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM P.O.
KANYAKUMARI DISTRICT
629 401

Training and Placement Cell

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Report on Aptitude training from 16th to 22nd December 2021

FACE (Focus 4D Career Education Pvt. Ltd.) conducted a 5-day Aptitude training from the 16th to the 22nd of December 2021, excluding Saturday and Sunday. Ms. Sangeetha (phone: 8489140129) was the instructor. A total of 65 students participated in the training programme, which was held in the BOSCH training room on the campus of our college. Following is the list of students

S.No.	Name of the Student	Dept
1	M Bala Murugan	IV CSE
2	R Deva	
3	A Rakesh	
4	A Mariya	
5	V Kousalya	
6	K Siva Subatha	
7	A Arockia Divya	
8	R Delma Rose	
9	M Dinesh	
10	R Ramasamy	
11	D Godwin	
12	B Janani	
13	A Selva Sutha	
14	J Abisha Mol	
15	Asiba	
16	J Jeba Reshma	
17	D Masana Malathi	
18	Jeevitha D	
19	Bibisha	IV ECE
20	Akila	
21	Pavithra	
22	Masanam	
23	Inba Mukila	
24	Ramalakshimi	
25	Jensi	
26	Suleabha	

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POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

27	Muthu Bharathi	IV EEE
28	Ajith M	
29	Arun P J	
30	Jins Jebadhas	
31	Senthil R	
32	Uma	III Civil
33	A Chitra	
34	Annie Stephila	IV Civil
35	Muthu Siva Subramanian	
36	Sujin Ganesh	IV Mech
37	Venkatesh	
38	Ajay Kumar	
39	Rithish	
40	Antony Kishore	
41	Abimanyu	
42	Arun Rakesh	
43	Siva Kumar	
44	Suyambu Lingam	
45	Bharathi Raja	
46	Kings	
47	Aravind Raj	
48	Glaxton Samuel	
49	Abinesh Antony	
50	Rabisha	III ECE
51	Nanthinini A	
52	Santhosh	
53	Pon Sekar	
54	Liju	
55	Akilan	
56	Kavitha V	
57	M Akalya	
58	S Aarthi	
59	R Thana Reka	
60	M Babisha	
61	C Jerisha	
62	T Saranya	

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

63	Mable Vimala	
64	Nanthinini N S:	
65	Viswa	IV Mech

Because this is a paid course, each student was charged Rs700. The entire amount collected was Rs45,500, of which Rs40,000 was paid to Focus 4D Career Education Pvt. Ltd. (Invoice copy attached).





PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Focus 4D Career Education Pvt Ltd
FOCUS 4D CAREER EDUCATION PVT LTD
Coimbatore, Tamilnadu 641014
IN
invoice@focusacademy.in
GSTIN: 33AABCF3266F1ZZ
PAN No. AABCF3266F

TAX INVOICE

BILL TO
ANNAI VAILANKANNI
COLLEGE OF ENGINEERING
AVK Nagar, Azhagappapuram
Post,
Kanyakumari District,
Tamil Nadu 629 401 India
State Code: 33

TAX INVOICE NO. FACE/2022/0637
DATE 30/12/2021

PLACE OF SUPPLY
33 - Tamil Nadu

DEAL NO :
N22564

PAID

NO	HSN/SAC	DESCRIPTION	TOTAL AMOUNT
1	999293	Aptitude Training Program | 2022 Passouts	33,898.00

Account Type: Current
Bank Name: CITY UNION BANK LIMITED
Branch Name: VILANKURICHI BRANCH COIMBATORE
A/C NO: 663106000142765
IFSC Code: CIUB0000063
For cheque payments: Cheque to be made in favour of M/s. Focus 4-D Career Education Pvt. Ltd

Terms:
- Amount payable is inclusive of all levies and charges
- All disputes are subject to Coimbatore Jurisdiction Only.
- Delay in payment beyond the agreed terms will attract an interest of 28% per annum on the Outstanding Amount

SUBTOTAL	33,898.00
CGST @ 9% on 33898.00	3,050.82
SGST @ 9% on 33898.00	3,050.82
TOTAL	39,999.64
PAYMENT	40,000.00
ROUND OFF AMOUNT	0.36
BALANCE DUE	**₹0.00**

This is a digitally signed document and doesn't require any signature

This report includes images and a copy of the invoice for your convenience.

Thank you,

Prof. Lalu Gladson Robin,
Head,
Training and Placement Cell,
Annai Vailankanni College of Engineering.

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 011 **DATE: 05 FEB 2022**

Industrial Training Certification

This is to certify that **Mr. SIVA KUMAR K** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found him to be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

INTERNATIONAL INSTITUTE OF NDT * INDIA * IIIN AMBASAMUDRAM 627401

Signature ,

QUALITY MANAGER

Corporate Partner ISO 9001 2015 CERTIFIED MSME

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 018 **DATE: 05 FEB 2022**

Industrial Training Certification

This is to certify that **Mr. MESHAK G** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found him to be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

INTERNATIONAL INSTITUTE OF NDT IMAYA IIIN AMBASAMUDRAM 627401

Signature ,

QUALITY MANAGER

Corporate Partner ISO 9001 2015 CERTIFIED MSME

IMAYA NDT SERVICE

No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA

Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 003

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. KINGS K** has worked as a **NDT Assistant Technician** in **TVS GROUP Hosur** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found himto be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

IMAYA INTERNATIONAL INSTITUTE OF NDT

Signature,

QUALITY MANAGER

Corporate Partner

ISO 9001 2015 CERTIFIED

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 001

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. ARUN RAKESH R** has worked as a **NDT Assistant Technician** in **PUNCH RATNA FASTENERS PVT LTD Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found himto be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

Signature ,

QUALITY MANAGER

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 002

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. AJAY KUMAR G** has worked as a **NDT Assistant Technician** in **PUNCH RATNA FASTENERS PVT LTD Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found himto be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

INTERNATIONAL INSTITUTE OF NDT IMAYA IIN AMBASAMUDRAM 627401

Signature ,

QUALITY MANAGER

ASNT Corporate Partner ISO 9001 2015 CERTIFIED

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 , , CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 007 **DATE: 05 FEB 2022**

Industrial Training Certification

This is to certify that **Mr. ARUN P J** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found him to be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

INTERNATIONAL INSTITUTE OF NDT IMAYA IIIN AMBASAMUDRAM 627401

Signature ,

QUALITY MANAGER

Corporate Partner ISO 9001 2015 CERTIFIED

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID: INS / 010

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. SRI RAJESH R** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01st FEB '2022, also attended In-Plant training. We have found him to be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

Signature,

QUALITY MANAGER

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 008

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. SETHUPATHI C** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found him to be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

Signature,

QUALITY MANAGER

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-602105 ,, CHENNAI ,INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 005

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. ARAVINTH RAJ A** has worked as a **NDT Assistant Technician** in **MADRAS ENGINEERING Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found himto be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

INTERNATIONAL INSTITUTE OF NDT * IMAYA * IIIN AMBASAMUDRAM 627401

Signature ,

QUALITY MANAGER

Corporate Partner

ISO 9001 2015 CERTIFIED

MSME

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 009

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. KAVIN KUMAR K** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found himto be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

INTERNATIONAL INSTITUTE OF NDT IMAYA IIIN AMBASAMUDRAM 627401

Signature ,

QUALITY MANAGER

Corporate Partner ISO 9001 2015 CERTIFIED

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 012 **DATE: 05 FEB 2022**

Industrial Training Certification

This is to certify that **Mr. MANIKANDAN L** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found himto be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

INTERNATIONAL INSTITUTE OF NDT • IMAYA • IIIN • AMBASAMUDRAM 627401

Signature ,

QUALITY MANAGER

Corporate Partner ISO 9001 2015 CERTIFIED MSME

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 013

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. STEFFIN GEORGE D** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found himto be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

INTERNATIONAL INSTITUTE OF NDT IIIN AMBASAMUDRAM

Signature ,

QUALITY MANAGER

Corporate Partner

ISO 9001 2015 CERTIFIED

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 017

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. MANOJI P** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found him to be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

Signature ,

QUALITY MANAGER

Corporate Partner

ISO 9001 2015 CERTIFIED

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 014

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. SUMITHRA S** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found him to be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

INTERNATIONAL INSTITUTE OF NDT * IMAYA IIIN AMBASAMUDRAM 627401

Signature ,

QUALITY MANAGER

Corporate Partner

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IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 015

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. ANTO JEBIN J** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found him to be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

INTERNATIONAL INSTITUTE OF NDT IIN AMBASAMUDRAM

Signature ,

QUALITY MANAGER

Corporate Partner

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IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 016

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. JINS JEBADHAS S** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found himto be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

Signature ,

QUALITY MANAGER

Corporate Partner

ISO 9001 2015 CERTIFIED

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

IMAYA NDT SERVICE

Inspection Training & Certification

REFERENCE ID INS / 019

DATE: 05 FEB 2022

Industrial Training Certification

This is to certify that **Mr. AJIESH K** has worked as a **NDT Assistant Technician** in **IMAYA NDT SERVICES Chennai** our concern from 20th JAN' 2022 to 01th FEB '2022, also attended In-Plant training. We have found him to be a self starter, motivated, duty bound, and a highly committed team player with strong knowledge.

We wish him all success in his future endeavor.

INTERNATIONAL INSTITUTE OF NDT * IMAYA IIIN AMBASAMUDRAM 627401

Signature ,

QUALITY MANAGER

Corporate Partner

ISO 9001 2015 CERTIFIED

IMAYA NDT SERVICE
No 54 GREENCITY KANCHIPURAM DISTRICT-,602105 ,, CHENNAI , INDIA
Our Branches Tirunelveli / Ambasamudram

Tri-O Technologies

Opp. Anna Bus Stand, Nagercoil -1.
K.K.Dist,Tamilnadu, India.

COURSE COMPLETION CERTIFICATE

(CAD/CAM/CAE COMPANY)

This is to certify that Mr./Mrs. SUMITHRA .S

has successfully completed the course of CREO

during the month of *Mar 2022 to Apr 2022*

Tri-O CADD

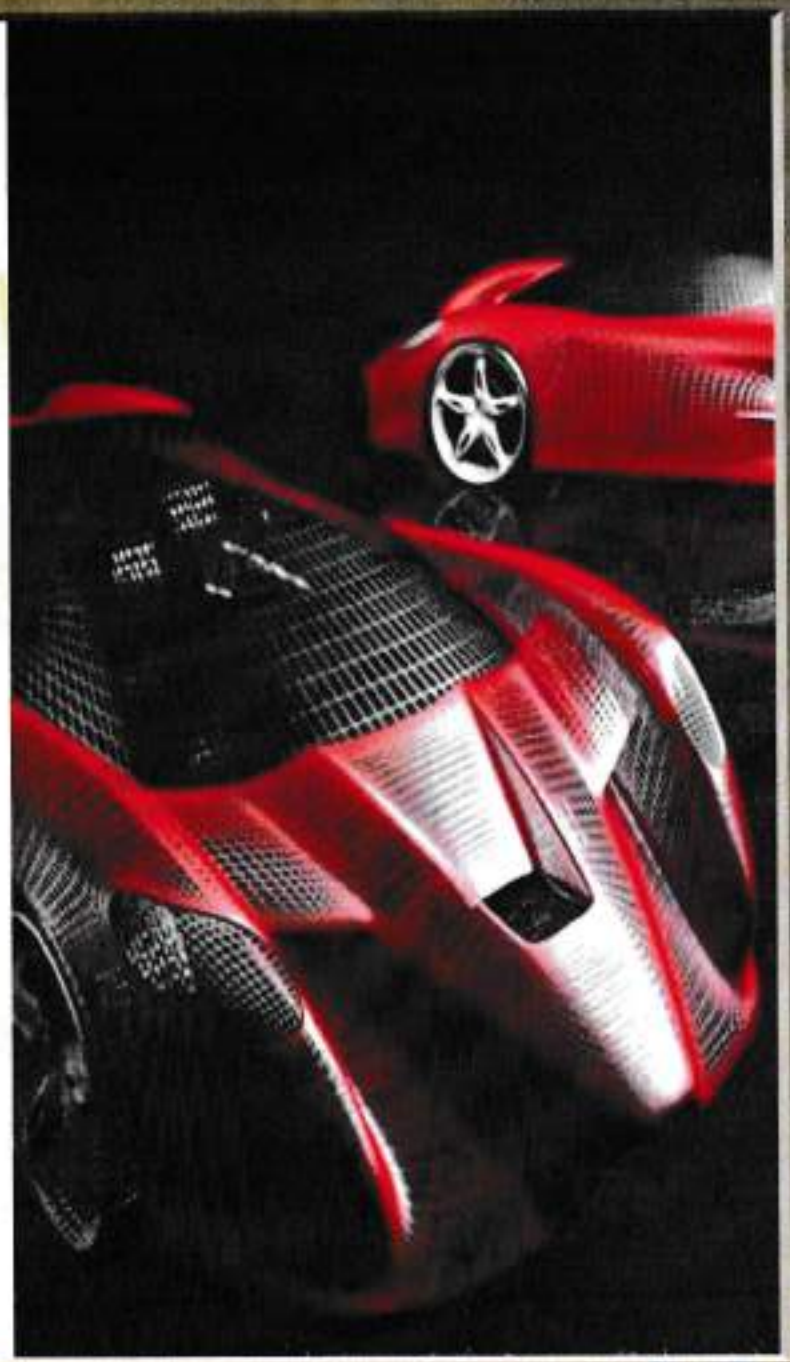
Course Co-ordinator

Managing Director

N.S.D.C.A National Skill Development and Certification Authority

ISO 9001:2015

SL. No : CC / 044 / 56084



Tri-O Technologies

Opp. Anna Bus Stand, Nagercoil -1.
K.K.Dist,Tamilnadu, India.

COURSE COMPLETION CERTIFICATE

(CAD/CAM/CAE COMPANY)

This is to certify that Mr./Mrs. SIVA SANKAR .N

has successfully completed the course of CREO

during the month of Mar 2022 to Apr 2022

Tri-O CADD

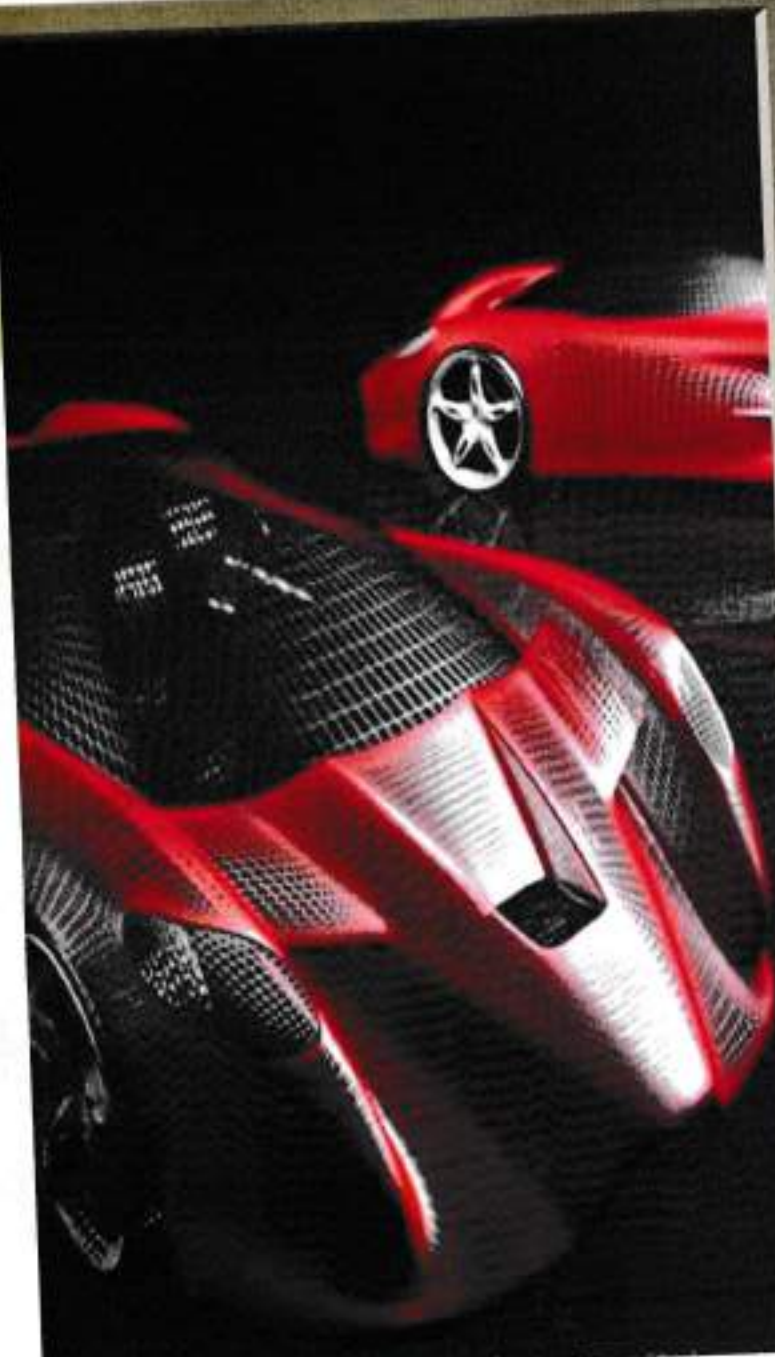
Course Co-ordinator

Managing Director

N.S.D.C.A National Skill Development and Certification Authority

ISO 9001:2015

SL. No : CC / 044 / 56083



Tri-O Technologies

Opp. Anna Bus Stand, Nagercoil -1.
K.K.Dist,Tamilnadu, India.

COURSE COMPLETION CERTIFICATE

(CAD/CAM/CAE COMPANY)

This is to certify that Mr./Mrs. SATHISH KUMAR .G

has successfully completed the course of CREO

during the month of *Mar 2022 to Apr 2022*

Tri-O CADD

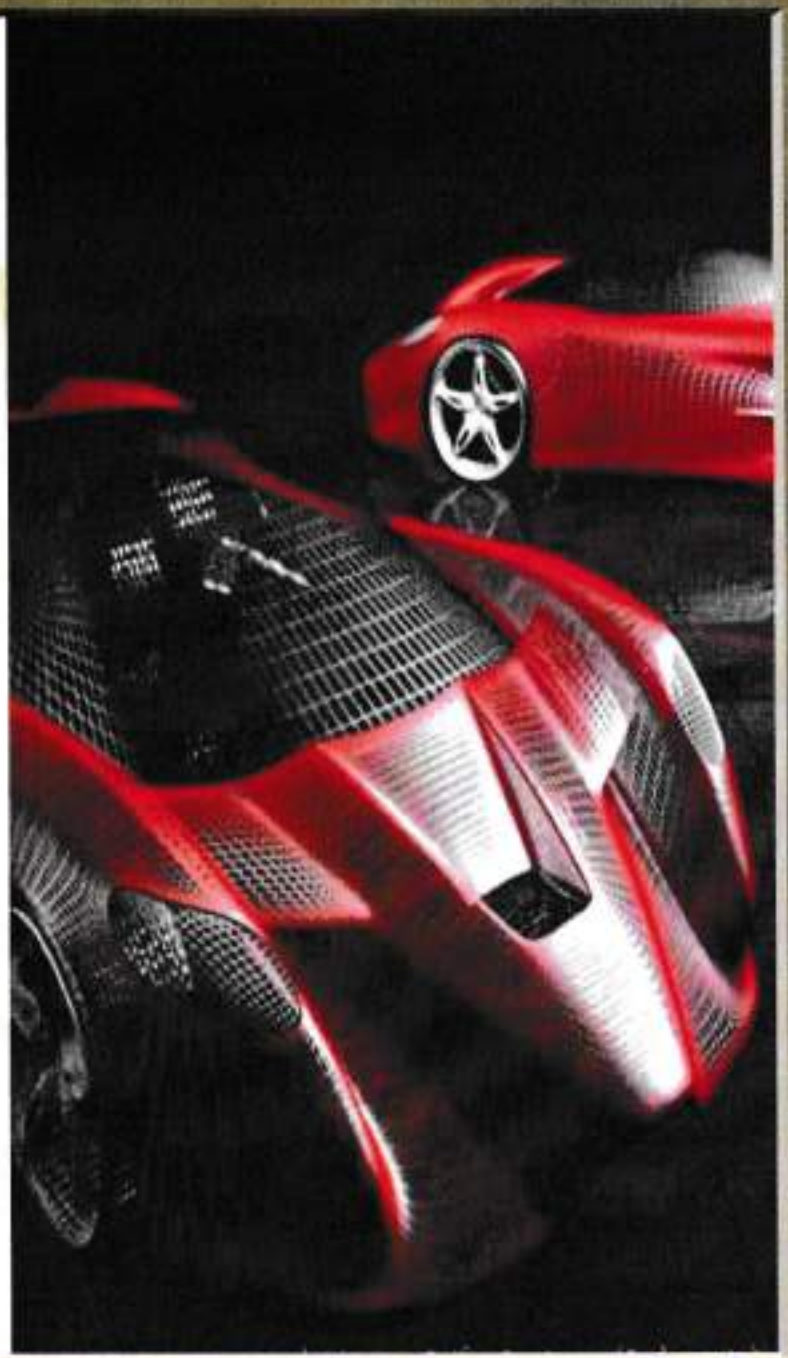
Course Co-ordinator

Managing Director

N.S.D.C.A National Skill Development and Certification Authority

ISO 9001:2015

SL. No : CC / 044 / 56070



Tri-O Technologies

Opp. Anna Bus Stand, Nagercoil -1.
K.K.Dist,Tamilnadu, India.

COURSE COMPLETION CERTIFICATE

(CAD/CAM/CAE COMPANY)

This is to certify that Mr./Mrs. SIVA AKILESH .K

has successfully completed the course of CREO

during the month of Mar 2022 to Apr 2022

Tri-O CADD

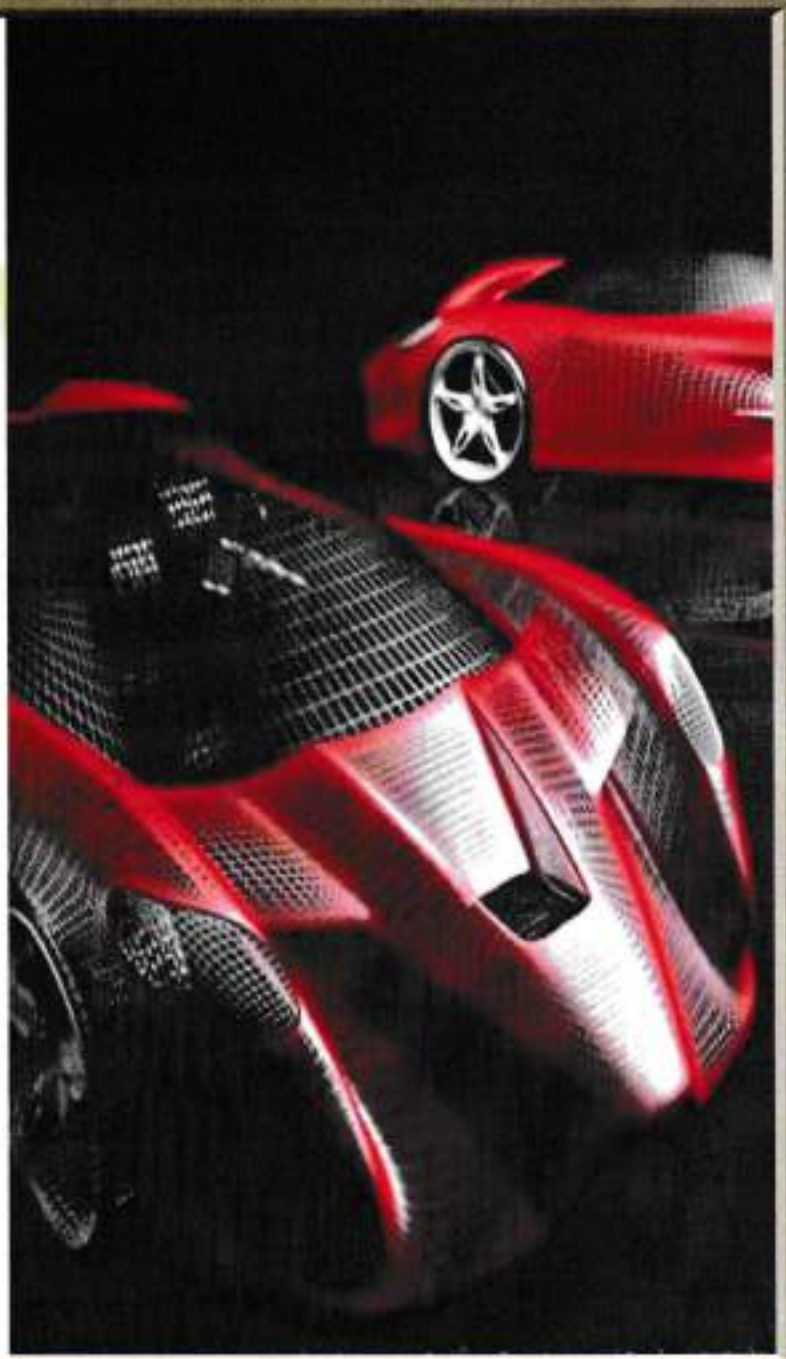
Course Co-ordinator

Managing Director

N.S.D.C.A National Skill Development and Certification Authority

ISO 9001:2015

SL. No : CC / 044 / 56082



Tri-O Technologies

Opp. Anna Bus Stand, Nagercoil -1.
K.K.Dist,Tamilnadu, India.

COURSE COMPLETION CERTIFICATE

(CAD/CAM/CAE COMPANY)

This is to certify that Mr./Mrs. PALANI RAJ .S

has successfully completed the course of CREO

during the month of Mar 2022 to Apr 2022

Tri-O CADD

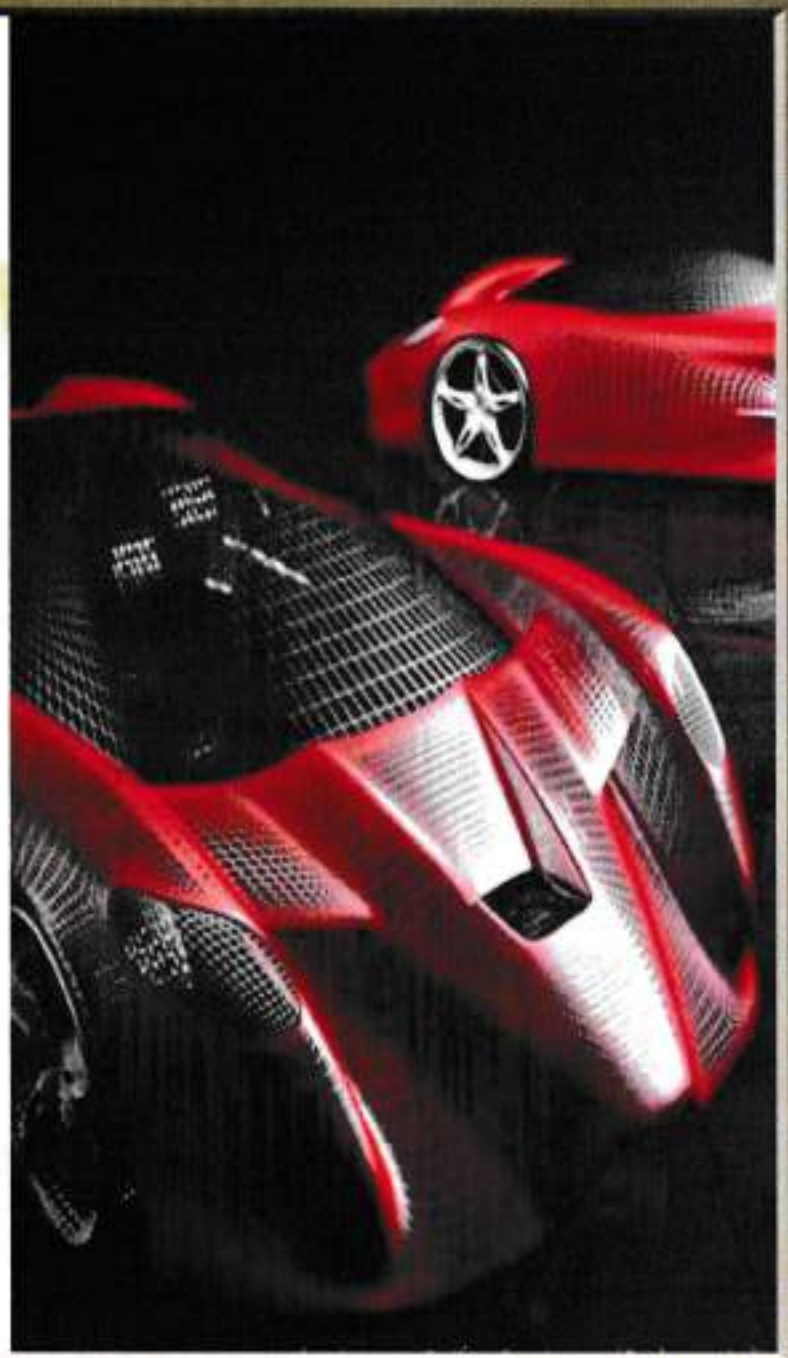
Course Co-ordinator

Managing Director

N.S.D.C.A National Skill Development and Certification Authority

ISO 9001:2015

SL. No : CC / 044 / 56080



Tri-O Technologies

Opp. Anna Bus Stand, Nagercoil -1.
K.K.Dist,Tamilnadu, India.

COURSE COMPLETION CERTIFICATE

(CAD/CAM/CAE COMPANY)

This is to certify that Mr./Mrs. SANGEETH. S

has successfully completed the course of CREO

during the month of Mar 2022 to Apr 2022

Tri-O CADD

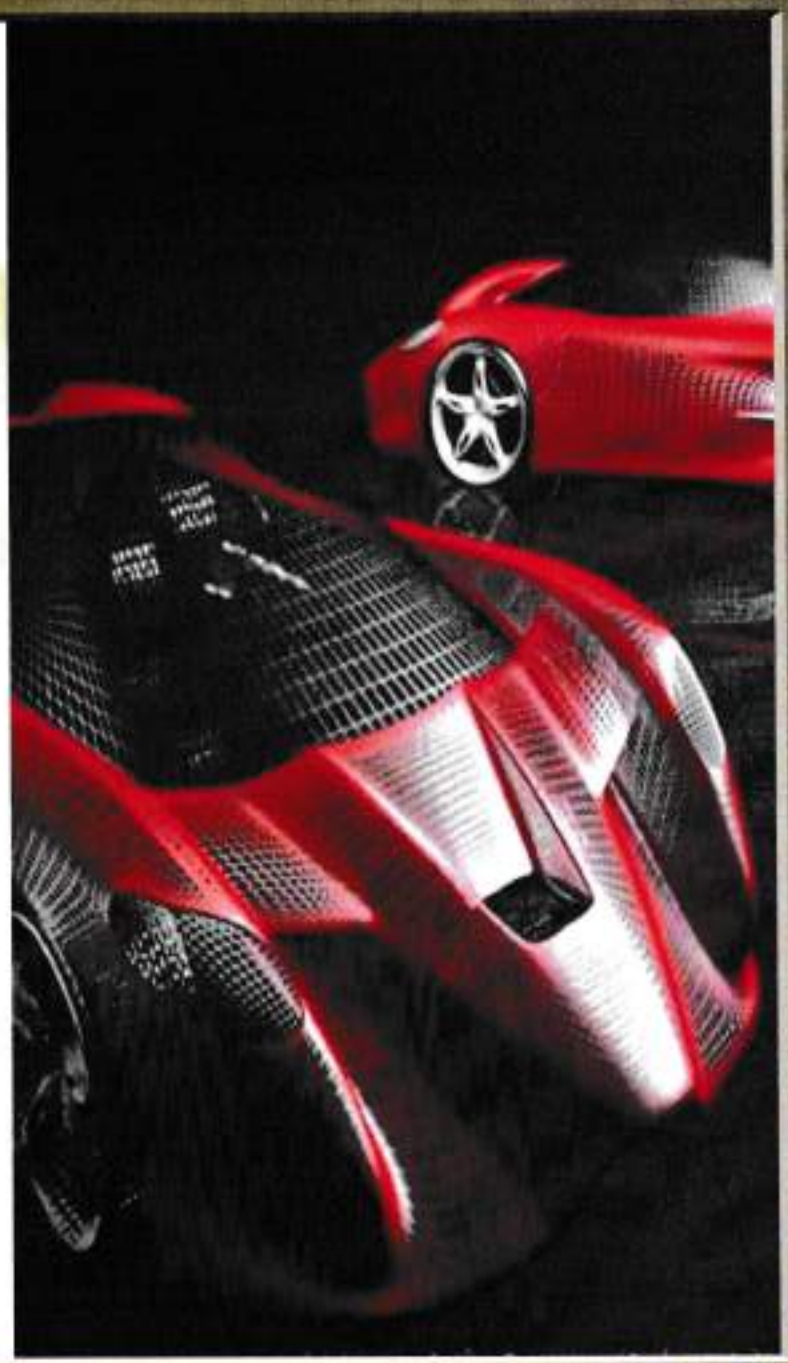
Course Co-ordinator

Managing Director

N.S.D.C.A

ISO 9001:2015

SL. No : CC / 044 / 56081



ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pottalkulam, Kanyakumari District.
Recognized under section 2(f) of UGC Act, 1956.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai, India.

www.avce.edu.in

Hands on Training on ProE

Resource Person

Er. T. Selvaraj

Founder & Chief Educator

Tri-O Technologies, Nagercoil



Venue: Bosch Lab

Organized by
Department of Mechanical Engineering

Date: March 31, 2022 to April 4, 2022

Coordinator: Prof.S.Ramanathan
Asst. Prof./Mech

Convener: Dr. J. Sunil
VP & HoD/Mech

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

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VP & HoD/Mech

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pottalkulam, Kanyakumari-629 401.
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Department of Mechanical Engineering

In Association with

Tri-O Technologies, Nagercoil

Proudly presents

Three Days Hands on Training on ProE

Attendance Sheet

Date: 21.03.22

S. No.	Register Number	Name of the Student	Signature
1.	960119114017	G. SATHISH KUMAR	G. Sathish
2.	960119114002	G. M. Binolin	Binolin
3	960119114013	R. Vinoth	R.Vinoth
4	960119114005	Jenish kumar. V	Jenish
5	960119114019	K. Siva Akilesh	K. Siva Akilesh
6	960119114011	Nithoesh. P	Nithoesh
7	960119114002	J. Nelson kumar	J. Nelson kumar
8	960119114004	Dinesh Kumar. L	Dinesh Kumar. L
9	960119114004	Thanmaraj. M	Thanmaraj
10	960119114028	Yuvaraja Vishnu. R	R.V
11	960119114009	Hirlin Sanjay. S	Hirlin
	960119114013	NAVOOD. V	Navood

Coordinator HOD/Mech Principal

1

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POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

S. No.	Register Number	Name of the Student	Signature
13	960119114006	A. Vaishick	
14	960119114025	S. Vijayakumar	
15	960119111016	S. Sangeeth	
16.	960119114020	N. Siva Kanna	
17.	960119114010	M. Mujith	
18.	960119111015		
19	960119114007		
20	960119114304	A. Vishanth	
21	960119114012.		
22	960119114023	J. Praveen	
23	960119114026	M. Vasanth	
24	960119114011		
25	960119114020	S. SUMITHRA	

Coordinator Hod/Mech Principal

PRINCIPAL
ASAN MEMORIAL COLLEGE OF ENGINEERING
POTTAIPALAYAM
AZHAGAPPAPURAM - 603 204
KANCHEEPURAM DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

KVK Nagar, Pottalkulam, Kanyakumari Dist.
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Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.

Department of Mechanical Engineering

In Association with

Tri-O Technologies, Nagercoil

Proudly presents

Three Days Hands on Training on ProE

Attendance Sheet

Date: 01.04.22

S. No.	Register Number	Name of the Student	Signature
1	960119114047	G. SATHISH KUMAR.	
2	960119114033	R.VIMAL	
3	960119114042	M.MOHAN	
4	960119114009	Merlin Gunaya. I	
5	960119114006	MANOJ	
6	960119114052	J. Ashok Kumar	
7	960119114004	Dinesh Kumar. L	
8	960119114024	M. Thalaraj	
9	960119114003	Binslin. G. R	
10	960119114019	Siva Akilesh. K	
11	960119114014	Nithesh. P	
12	960119114005	Jenish kumar. V	

Coordinator HodMech Principal

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

S. No.	Register Number	Name of the Student	Signature
13.	960119114028	S. Sunithan	S.Sunith
14.	960119114026	R Yuvaraja Vishnu	R.Y.V
15.	960119114025	M. Vasanth	M. Vasanth
16.	960119114016	S. Udayakumar	S.U.
17.	960119114010	S. Sangeeth	S.S.
18.	960119104023	J. Thanush	J. Thanush
19	960119114010	M. Mayuh	M. Mayuh
20.	960119114020	N. Siva Ganesh	N. Siva Ganesh
21.	960119114015	S. Palani Raj	S. Palani Raj
22.	960119114018	S. Nagendran	S.N.
23)	960119114004	A. George Nishanth	A. Nishanth.
24	960119114007	R. Kaviyarasu	R. Kaviyarasu
25	960119114088	Yuvaraja Vishnu. R	R.Y.V

Coordinator

Hod/Mech

Principal

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM

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Department of Mechanical Engineering

In Association with

Tri-O Technologies, Nagercoil

Proudly presents

Three Days Hands on Training on ProE

Attendance Sheet

Date: 04.04.22

S. No.	Register Number	Name of the Student	Signature
1	960119114027	Vinoth.R	Vinoth
2)	960119114304	A.George Nishanth	A.Nishanth
3)	960119114015	S.Palani Raj	S.Palani Raj
4)	960119114019	K.Siva Akilesh	
5)	960119114014	Nithesh.R	
6)	960119114023	Thanush.T	
7)	960119114006	Karthick.A	Karthick
8.	960119114005	Jenish kumar.V	
9.	960119114010	M.Mujish	
10.	960119114016	S.Sangath	
11.	960119114090	N.Siva Sankar	
12	960119114007	R.Kaviyarasu	

Coordinator Hod/Mech Principal

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KANYAKUMARI DIST.

S. No.	Register Number	Name of the Student	Signature
13	960119114002	Abudin.A.M	
14	960119114013	Nagaraajan.S.	
15.	960119114017.	G. SATHISH KUMAR.	
16.	960119114011	V. Muthu Vijayan.	
17.	960119114026	M. Vasanth	M. Vasanth
18.	960119114004	Dinesh Jaiswal.C	
19.	960119114025	S. Udhayakumar	
20	960119114024	M. Thavaraj	
21	960119114013		
22.	960119114029	S. SOMIYAA	
23.	960119114002	J. Rohith kumar.	
24.	960119114009		
25.	960119114008	Yuvaraja Vishnu R	

Coordinator Hod/Mech Principal

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Department of Artificial Intelligence and Data Science

***Three Days hands-on training* on "Android Application Development"**

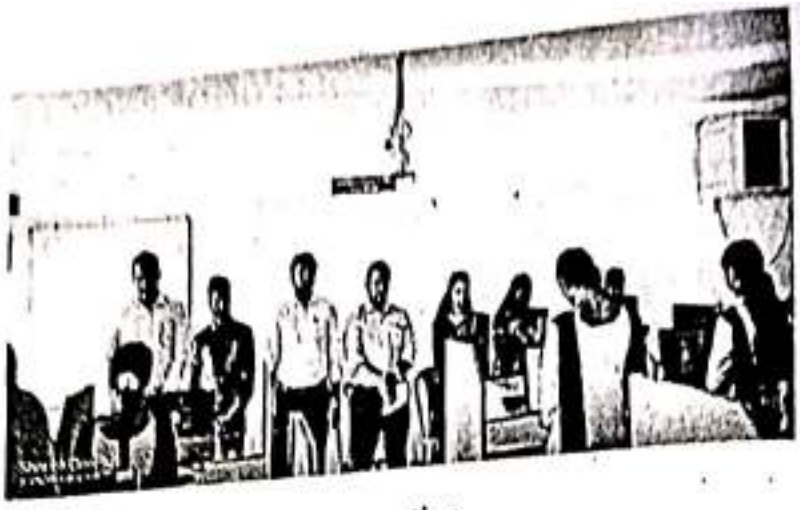
Three Days hands-on training on "Android Application Development" was organized on 28,29 and 30th October, 2021 by the Department of Artificial Intelligence and Data Science, Annai Vailankanni College of Engineering; Kanyakumari has created a platform to enhance the technical skills of the students on latest technology. Dr.B.Ezhilavan Founder & CEO VEI Technologies Pvt. LTD., Chennai and Seetharam.N, Senior Software Developer, VEI Technologies Pvt. LTDis the Resource Person for the hands-on training. Dr.A.Benham, Principal, AVCE has inaugurated the webinar, also motivated the students with his speech and explained that these kinds of webinars are beneficial for their upcoming placements and technical knowledge. P.Amal II AI&DS welcomed the gathering and Abishek.O, introduced the resource person. Around 150students participated from our college.

Android is a software stack for mobile devicesthat includes an operating system, middleware and key applications. It can be considered as a software platform as well as an operating system for mobile devices based on the Linux operating system and developed by Google and the Open Handset Alliance. The Resource Person delivered his address by stating concepts have been in existence since but has only recently gained popularity due to advancements in computing and hardware technologies. He also explained about the Job opportunities in Android Application Development field. The program was very informative and interactive. Students gained knowledge on the Android Application Development. The resource person shed lights on the concepts of Mobile Application Development and its applications with real world examples Dr.Ezhilavan, addressed the students congratulating them for their active participation and he hoped that the sessions had given them useful insights on the topics of Artificial Intelligence and Data Science and hoped that they would now be interested to carry out projects in these fields. He clarified the doubts raised by the delegates at the end of the session.

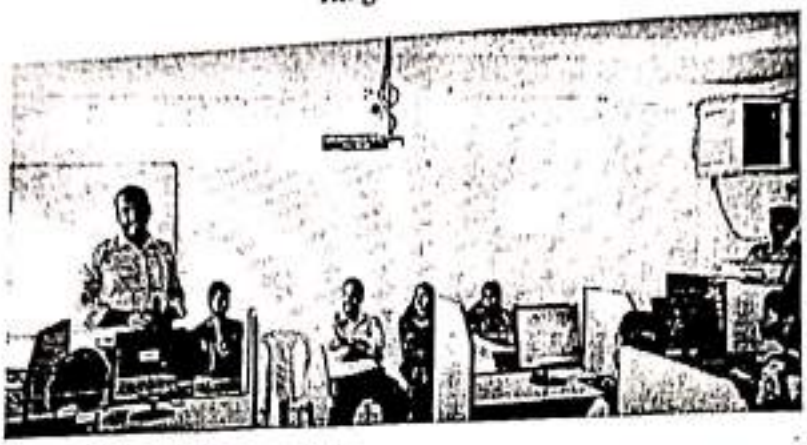
The valedictory function started with Ms.S.Asia Juliet, of third year CSE and Ms.I.Jino, of second year AI&DS sharing their experiences of the one-day webinar and how they benefitted from it. The programme concluded with the vote of thanks by, Mr.Y.Ajeesh of second year AI&DS.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING POTTALKULAM AZHAGAPPAPURAM P.O. KANYAKUMARI DISTRICT 629 401

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KANYAKUMARI DIST.



Inaguration



Resource Person presenting the about Android Application Development



Dr.B.Ezhilavan appreciating the best performers

Coordinator

HoD

Principal

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KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Pottalkulam, Azhagappapuram

Academic Year: 2021-22 (Odd Semester)

Artificial Intelligence and Data Science

Attendance- Android Application Development

S. No.	Register Number	Name of The Student	28/10/2021		29/10/2021		30/10/2021	
			FN	AN	FN	AN	FN	AN
1	960120243001	Abhishek O	✓	✓	✓	✓	✓	✓
2	960120243002	Abin T	✓	✓	✓	✓	✓	✓
3	960120243003	Ajesh Y	✓	✓	✓	✓	✓	✓
4	960120243004	Amal P	✓	✓	✓	✓	✓	✓
5	960120243005	Anna Babisha T	✓	✓	✓	✓	✓	✓
6	960120243006	Arthur Godson C	✓	✓	✓	✓	✓	✓
7	960120243007	Binil Marx G.S	✓	✓	✓	✓	✓	✓
8	960120243008	Chandraleka S	✓	✓	✓	✓	✓	✓
9	960120243009	Helan Mary E	✓	✓	✓	✓	✓	✓
10	960120243010	JelickSukik S	✓	✓	✓	✓	✓	✓
11	960120243011	Jino I	✓	✓	✓	✓	✓	✓
12	960120243012	LathaMalathi P	✓	✓	✓	✓	✓	✓
13	960120243013	Mahesh M	✓	✓	✓	✓	✓	✓
14	960120243015	Mariyappan G	✓	✓	✓	✓	✓	✓
15	960120243017	Mathan M	✓	✓	✓	✓	✓	✓
16	960120243018	Michael Singarayar Thomson S	✓	✓	✓	✓	✓	✓
17	960120243019	Micheal Thomas JebaValan P	✓	✓	✓	✓	✓	✓
18	960120243020	Mohini N	✓	✓	✓	✓	✓	✓
19	960120243021	Ninisha L	✓	✓	✓	✓	✓	✓
20	960120243022	Prasanna M	✓	✓	✓	✓	✓	✓
21	960120243024	Rahul Hari J	✓	✓	✓	✓	✓	✓

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AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

22	960120243025	Raja Donald N	✓	✓	✓	✓	✓	✓
23	960120243026	Rajesh Kumar I	✓	✓	✓	✓	✓	✓
24	960120243027	Sanjay T	✓	✓	✓	✓	✓	✓
25	960120243028	Sathish N S	✓	✓	✓	✓	✓	✓
26	960120243029	Supriya S	✓	✓	✓	✓	✓	✓
27	960120243030	Varsha S P	✓	✓	✓	✓	✓	✓
28		Alciya Juliet	✓	✓	✓	✓	✓	✓
29		BalaSaravanan	✓	✓	✓	✓	✓	✓
30		Rejho Mathew	✓	✓	✓	✓	✓	✓

Class Advisor

HoD

Principal

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Pottalkulam, Azhagappapuram

Academic Year: 2021-22 (Odd Semester)

Computer Science and Engineering

Attendance- Android Application Development

S. No.	Register Number	Name of The Student	28/10/2021		29/10/2021		30/10/2021	
			FN	AN	FN	AN	FN	AN
1	960119104001	Abirami .A	/	/	/	/	/	/
2	960119104002	Ajay .M	/	/	/	/	/	/
3	960119104003	Antony NiviSneha .A	/	/	/	/	/	/
4	960119104004	Asia Juliet .S	/	/	/	/	/	/
5	960119104005	Avinesh .V	/	/	/	/	/	/
6	960119104006	Bala Suresh .K	/	/	/	/	/	/
7	960119104008	Ishwarya .P	/	/	/	/	/	/
8	960119104009	Kanakavalli .L	/	/	/	/	/	/
9	960119104010	Kavin .M	/	/	/	/	/	/
10	960119104011	LiptoShajin. R	/	/	/	/	/	/
11	960119104012	Maria Prathiba A	/	/	/	/	/	/
12	960119104013	Pratheesh .F	/	/	/	/	/	/
13	960119104014	Ranishka .M	/	/	/	/	/	/
14	960119104015	Ronald .A	/	/	/	/	/	/
15	960119104017	Siva Ranjini.K	/	/	/	/	/	/
16	960119104018	Sowmiya .M	/	/	/	/	/	/

R. Babu

Class Advisor

HoD

Principal

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
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AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, PothaiyadiSalai,Pottalkulam,AzhagappapuramP.o, Kanyakumari District,Tamil Nadu,629401.

Department of Civil Engineering

Academic Year 2021-2022

CIRCULAR

Date: 2/8/21

Ref: From the desk of the civil HOD/ Civil., Ref No:2021-2022/CE/CAD01

It is decided to conduct **REVIT** Course for III Year Civil Engineering Students for the academic year 2021-2022. Students are asked to contact their respective Class in charge for the enrolment of the course on or before 06/08/21.The course will be held from 97/8/21 for II,III & IV year Students in Cad Lab (Machanical Block).

Venue:

CAD Lab (Mechanical Block)

Students are asked to use this opportunity to know more about designing a structure.

ALL THE BEST

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HOD/Civil

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothaiyadi Salai,Pottalkulam,Azhagappapuram P.o, Kanyakumari District, Tamil Nadu,629401

Academic Year: 2021-2022

Ceter for vaiue Added Courses

Programme Code & Name : 103, Civil Engineering

Name of the Course : REVIT

Year : II, III & IV

Duration of Course : 30 Hrs

Course Content

1.Introduction

2.Elements of the REVIT Screen

3.Starting a New Project

4.Defining Structure Geometry /Modelling

5.Setting the Project unit

6.Assigning Members Specification

7.How to specify member Specification

8.Additional Member Specification

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9.Assingning support

10.Assingning Loads

11.Creating the first Load Case

12. Creating the Second Load Case

13. Creating the Combination Load Case

14.Performing the Analysis

15.Design

16.Design Viewing the output File

17.Preparing Structural Drawings

Course in-charge

Coordinator

Head of the Department

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
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KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist – 629 401
DEPARTMENT OF CIVIL ENGINEERING
Academic Year 2021-2022
Value Added Course

Programme Code & Name: 103 & Civil Engineering

Name of the Course: REVIT **Year: II**

Course in –Charge : J131.V.S **Duration : 30 Hrs**

| Sl No | Register No | Name of the student | Month | 8 | 8 | 8

| | | |

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist – 629 401
DEPARTMENT OF CIVIL ENGINEERING
Academic Year 2021-2022
Value Added Course

Programme Code & Name: 103 & Civil Engineering

Year: III

Name of the Course: REVIT

Course in –Charge : V.S. ...

Duration : 30 Hrs

| Sl No | Register No | Name of the student | Month | 8 | 8 | 8

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AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist – 629 401
DEPARTMENT OF CIVIL ENGINEERING
Academic Year 2021-2022
Value Added Course

Programme Code & Name: 103 & Civil Engineering **Year:** IV

Name of the Course: REVIT **Course in –Charge :** JIJI . V. S **Duration :** 30 Hrs

| Sl No | Register No | Name of the student | Month | 8 | 8 | 8

| | | |

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, PothaiyadiSalai,Pottalkulam,Azhagappapuram P.O, Kanyakumari District,Tamil Nadu,629401.

DEPARTMENT OF CIVIL ENGINEERING

MARK STATEMENT

Year: II Semester:III

Year:2021-2022 (ODD&EVEN) Subject Name:REVIT

No	Register No	Students Name	Test Mark	Viva-Voce	Total Mark
1	960120103002	JENIN C	65	15	80
2	960120103003	SNEKA C	75	18	93
3	960120103004	THANESH KUMAR R	75	18	93
4	960120103301	ALEX J	70	16	86
5	960120103302	AYNASH JOSHUA T	60	15	75
6	960120103303	BALA MURUGAN R	65	15	80
7	960120103304	ESAIKUMAR J	60	12	72
8	960120103307	PRINCE P R	70	15	85
9	960120103308	PRINCY CHERIYAN	75	18	93
10	960120103309	RAMESH ELANGO R	60	15	75
11	960120103310	SAHAYA GREETES C	65	15	80
12	960120103311	SINDHU M	70	18	88

Course in-charge

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Head of the department

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, PothaiyadiSalai,Pottalkulam,Azhagappapuram P.O, Kanyakumari District,Tamil Nadu,629401.

DEPARTMENT OF CIVIL ENGINEERING

MARK STATEMENT

Year: III Semester: V

Subject Name: REVIT

Year:2021-2022 (ODD&EVEN)

No	Register No	Students Name	Test Mark	Viva-Voce	Total Mark
1	960119103001	CHITRA A	70	18	88
2	960119103002	KARTHIKA C	70	15	85
3	960119103003	LAKSHMI E	75	18	93
4	960119103004	SUBINRAJ T	70	15	85
5	960119103005	UMA R	75	18	93
6	960120103303	RAJAN K	60	12	72

Course in-charge

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Head of the Department

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, PothaiyadiSalai,Pottalkulam,Azhagappapuram P.O, Kanyakumari District,Tamil Nadu,629401.

DEPARTMENT OF CIVIL ENGINEERING

MARK STATEMENT

Year: IV **Semester:** VII

Year:2021-2022 **Subject Name:** REVIT

No	Register No	Students Name	Test Mark	Viva-Voce	Total Mark
1	960118103001	ABINESH R	65	15	80
2	960118103002	ANNIE STEPHILA	75	18	93
3	960118103003	ESAKKIMUTHU C	60	12	72
4	960118103004	EZHIL ROSHIKA S	60	15	75
5	960118103005	HARISH R K	70	15	85
6	960118103006	JEBIN T	70	16	86
7	960118103007	KALAISELVAN M	65	12	77
8	960118103008	KARTHIKA B	70	15	85
9	960118103009	MERLIN GRACE C	75	18	93
10	960118103010	MUTHU SIVA SUBRAMANIAN M	70	16	86

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11	960118103011	PONNAZAGUMONISHA P	75	18	93
12	960118103012	SRINATH O	70	15	85
13	960118103013	SUNIL S	60	12	72
14	960118103014	SURESHRAJA S	65	16	81

Course in-charge

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Head of the Department

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist - 629 401

DEPARTMENT OF CIVIL ENGINEERING

Course Feedback Form

Name of the student : Chithra

Course title : AUTO CAD

Academic year 2022-2023 **Semester** XI

1.Were objectives of the course clear to you? Y ☑ / N ☐

2. Has the faculty covered entire syllabus as prescribed by university ? Y ☐ / N ☐

3.Has the faculty covered relevant topics beyond syllabus? Y ☑ / N ☐

4.The course contents met with your expectations

Strongly disagree ☐ Strongly agree ☑

5.The lecture sequence was well planned

Strongly disagree ☐ Strongly agree ☑

6.The course exposed to new knowledge and practices

Strongly disagree ☐ Strongly agree ☑

7.The course contents compared with your expectations

Too theoretical ☐ Too empirical ☑

8.The lectures were clear and easy to understand

Strongly disagree ☐ Strongly agree ☑

9.The teaching aids were effectively used

Strongly disagree ☐ Strongly agree ☑

10.The instructors encouraged interaction and were helpful

Strongly disagree ☐ Strongly agree ☑

11.The course material handed out was adequate

Strongly disagree ☐ Strongly agree ☑

12.Any other suggestions:

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Chithra

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AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist - 629 401

DEPARTMENT OF CIVIL ENGINEERING

Course Feedback Form

Name of the student : Princy cheriyan

Course title : AUTO CAD

Academic year 2022 - 2023 **Semester**

1.Were objectives of the course clear to you? Y ☑ / N ☐

2. Has the faculty covered entire syllabus as prescribed by university ? Y ☑ / N ☐

3.Has the faculty covered relevant topics beyond syllabus? Y ☑ / N ☐

4.The course contents met with your expectations

Strongly disagree ☐ Strongly agree ☑

5.The lecture sequence was well planned

Strongly disagree ☐ Strongly agree ☑

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Strongly disagree ☐ Strongly agree ☑

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Too theoretical ☐ Too empirical ☑

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Strongly disagree ☐ Strongly agree ☑

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Strongly disagree ☐ Strongly agree ☑

10.The instructors encouraged interaction and were helpful

Strongly disagree ☐ Strongly agree ☑

11.The course material handed out was adequate

Strongly disagree ☐ Strongly agree ☑

12.Any other suggestions:

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Certificate

This is to certify that Mr/Ms. SUBIN RAJAT

of Department of Civil Engineering

has attended the Course on REVIT

during the academic Year 2021-2022

P. M. Blessingta
CO-ORDINATOR

HOD

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of Department of Civil Engineering

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CO-ORDINATOR

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This is to certify that Mr/Ms. PRINCY CHERIYAN

of Department of Civil Engineering

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during the academic Year 2021-2022

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has attended the Course on REVIT

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of Department of Civil Engineering

has attended the Course on REVIT

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This is to certify that Mr/Ms. THANESHKUMAR.R

of Department of Civil Engineering

has attended the Course on REVIT

during the academic Year 2021-2022

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CO-ORDINATOR

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1.2.1 Number of Add on / certificate/ Value Added Programs offered during the last five years

Total Number of Courses: 06

2020-2021

Sl.No	Name of Add on / Certificate Programs offered	Course Code	Duration of Course in hours	No of Students Enrolled in the year
1.	Certificate course Pantech e-learning	CS2001	120 Hours	2
2.	Value Added Course Research Methodology	ME2001	120 Hours	25
3.	Value Added Course Cloud Computing Technologies	CS2002	30 Hours	35
4.	Certificate course Mobile Application Development using Android	CS2003	30 Hours	1
5.	Certificate course Getting Started with AI on JETSON NANO	CS2004	120 Hours	2
6.	Value Added Course Employability Skills	PL2001	120 Hours	50
TOTAL STUDENTS				115

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30 DAYS MASTER CLASS ON MACHINE LEARNING

at Pantech e Learning Pvt Ltd, Chennai

From 30.05.2022 To 28.06.2022

M.Malaiyappan
Director
Pantech e Learning

Dr.Ravi Gujjala
Chief General Manager (Technical)
APSSDC

2nd – 4th JUNE, 2021

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Recognized under section 2(f) of UGC Act, 1956,
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Department of Mechanical Engineering

Proudly presented a

IEEE Sponsored National Level Three Days Virtual Workshop

onRESEARCH METHODOLOGY

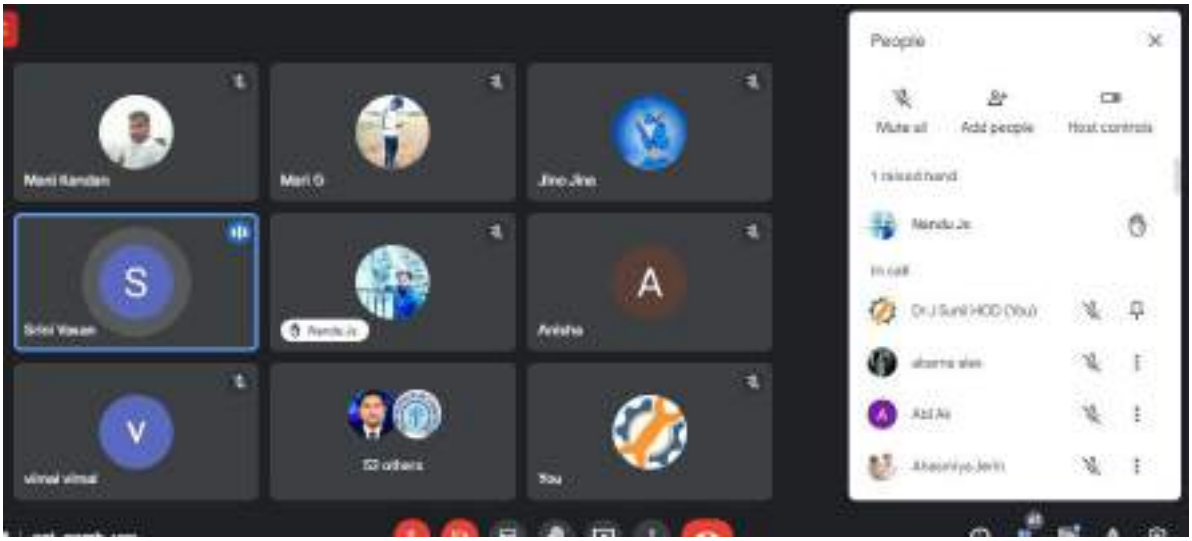
Objectives:

- To enable the participants, define research problem, developing an approach to research problem and selection of suitable research design.
- To impart capabilities for formulation and testing of hypothesis based on the nature of research.
- To comprehend appropriateness of statistical software packages for analysing research data.
- To make aware the participants about latest trends in research disciplines.

The department of Mechanical Engineering organized a Three days workshop on Research Methodology in Association with IEEE Students Chapter of AVCE during June 02, 2021 to June 04, 2021.Dr.G.GaswinKastro, Vice-Principal & IEEE SB Counselor, delivered the welcome address. Dr.A.Benham, Principal delivered the presidential address and motivated the students to participate many National level technical competitions. The recourse personsDr. G. Puthilibai, Professor , Sri Sairam Engineering College, Chennai, Dr.J.Suresh Kumar, Madras Institute of Technology Campus, Anna University, Chennai, Dr.P.Tamilchelvan, Professor, Paavai Engineering College, Namakkalwere took effort to enrich the Research scholars on research methodology. It covered the basics of research methodology focusing on theoretical and practical inputs. Specifically, the formulation of research problem, formulation of research hypothesis and testing of hypothesis, conducting

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literature review, data collection methods and selection of appropriate parametric or non-parametric statistical method for analyzing data.In this online workshop, 250 participants attended via Google Meet, 25 student participants and more than 75 participants attended through YouTube each day. Dr.J.Sunil, Dean of Research and Convener delivered the vote of thanks. The workshop coordinators Dr.G. Shanthos Kumar and Mr. J. Prabhu made all the arrangements for the successful conduct of the workshop.



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9th – 11th JUNE, 2021

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Department of Computer Science and Engineering

A Three Day National Level Workshop on " CLOUD COMPUTING TECHNOLOGIES" was organized by the department of Computer Science and Engineering of AnnaiVailankanni College of Engineering, Kanyakumari.

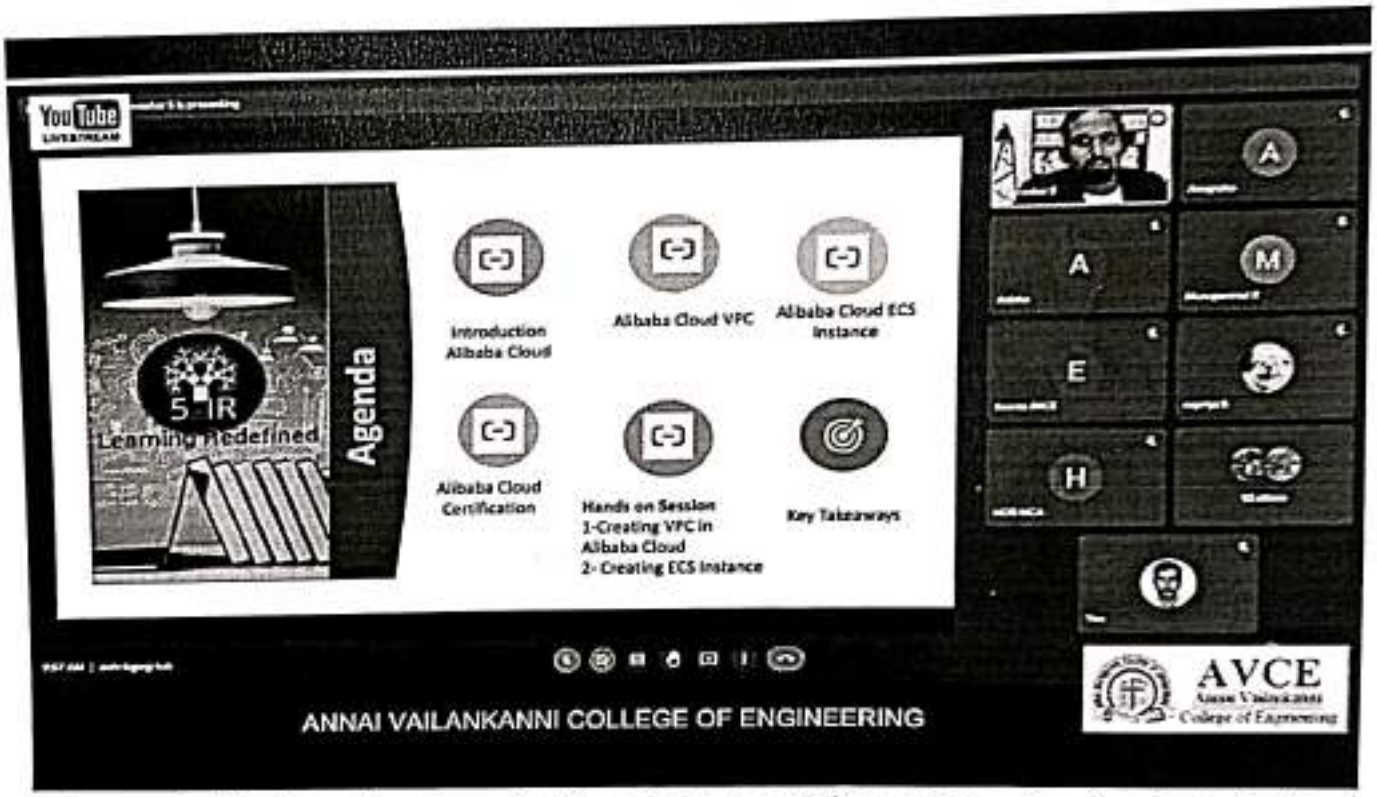
A Three Day National Level Workshop on " CLOUD COMPUTING TECHNOLOGIES " was conducted by Department of CSE, AnnaiVailankanni College of Engineering, Kanyakumari in association with Multicloud4U|5th ir Technology, Haryana during June 9 to 11, 2021. The workshop was organized with 250 participants through Google Meet and YouTube live and it was coordinated by Mrs.M.Anugraha and Mrs. V. G. AnishaGnanaVincy, Assistant Professors of Department of Computer Science and Engineering.

The objective of the workshop is to train the participants in the principles and working behind Azure and Alibaba Cloud computing services. The cloud service is known for its advanced security, privacy strength, high availability, redundancy, and cost-effectiveness. The workshop also included details about a range of cloud services like computing, analytics, storage and networking. The primary aim of the workshop was to help students to stand out and get hired faster.

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The resource person Mr. S. Gavaskar, MVP, Alibaba Cloud Services is a expert in different cloud technologies who interactively demonstrated, taught and inculcated to the participants the working with the application. The feedback from participants has been taken to understand and analyze the resource persons' domain knowledge, content delivery, and interaction during the workshop, can enable the department to organize such workshops in future. Overall, the event was successful.

Speaking about the importance of cloud computing, the Principal Dr. A. Benham said, "Students have to be industry ready. Knowing the subject matter is



not enough. We have been conducting industry visits to factories for electrical and mechanical students. This time we want to teach students what all works and tools are used in the IT industry".

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CORPORATE61515598827ee1632720280

Certificate of Participation

This is to certify that ~~Mr~~/Ms JINO · I of Artificial Intelligence and Data Science has successfully completed the four days hands-on training on **"Mobile Application Development using Android"** conducted at **Annai Vailankanni College of Engineering,** Kanyakumari from 27th October 2021 to 30th October 2021.

Dr.B.EZHILAVAN,
VEI Technologies Pvt.Ltd.

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CERTIFICATE OF COMPETENCY

This certificate is awarded to
ADITYAN V L

for demonstrating competence in the completion of
GETTING STARTED WITH AI ON JETSON NANO



Will Ramey
Senior Director, Developer Programs, NVIDIA

2021
Year issued

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Will Ramey
Senior Director, Developer Programs, NVIDIA

2021
Year issued

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22nd – 27th FEBRUARY, 2021

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DEPARTMENT OF PLACEMENT AND TRAINING

REPORT ON ONE WEEK TRAINING PROGRAM ON EMPLOYABILITY SKILLS

Department of Placement and Training of Annai Vailankanni College of Engineering organized a one week training program on Employability Skills in association with Naandi Foundation - Titan LeAP for the eligible final year students of our college (from 22/02/2021 to 27/02/2021) in the college premises.

Titan LeAP is a part of Naandi Foundation with a corporate office at Hyderabad started in the year 2007, with a singular objective to make urban, semi-urban & rural, youth employable, based on their skills. The organization offers courses, trains the educated youth of the stream and provides employment avenues in the organized sector. The Training span over 36 hours is resourced by carefully selected team of faculties who have industry experience and expertise. Content is updated constantly to keep abreast of industry needs.

The training program has been split into two phases, Mr. Harinath Babu and Mr. Ponniwalavan are the professional trainers for Interview skills (Phase I: 22/02/2021 to 24/02/2021) and Quantitative aptitude (Phase II: 25/02/2021 to 27/02/2021) respectively. The program was coordinated by Mr. M. Vadivel Subhash (Placement Officer).

INAUGURATION:

The inaugural session of the program started with a prayer song followed by lighting the kuthuvilakku by dignitaries. Mr. M. Vadivel Subhash extend a warm welcome to Mr. Harinath Babu, Naandi Foundation, college Principal and other dignitaries. The Presidential address was given by our Principal Dr. A. Benham. He encouraged our students through the energetic words of Osho. Vote of thanks was proposed by our Vice Principal Dr. G. Gaswin Castro and ended with National Anthem.



Picture 1: Mr.Harinath Babu, Naandi Foundation Lighting the Kuthuvilakku

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PHASE I (INTERVIEW SKILLS):

Mr. Harinath Babu gave training on Interview skills with interaction during every session for the first three days (22/02/2021 to 24/02/2021).The students actively participated in individual and group activities. The topics covered are as follows.

Day 1:

- I am Unique.
- Body language, Grooming and Hygiene.



Picture 2: Interacting session for students

Day 2:

- Professional Ethics.
- Email writing & Email etiquette.
- Group Discussion.

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Picture 3: Group Discussion

Day 3:

- Resume Writing.
- Interview Preparation.

At the end of the first three days Soft Skills Program, Ms.C.Mary Stephy, IV Year/Civil have received Overall Best Student Award and Mr.M.Anish Thompson, IV Year/Mechanical have received Active Participant Award from our Principal and Mr.Harinath Babu.



Picture 4: Ms.C.Mary Stephy, IV Year/Civil receiving Overall Best Student Award



Picture 5: Mr.M.Anish Thompson, IV Year/Mech receiving Active Participant Award

PHASE II (QUANTITATIVE APTITUDE):

The Quantitative Aptitude phase for three days (25/02/2021 to 27/02/2021) was conducted by Mr. Ponniwalavan of Naandi Foundation.

Day 4:

- Pre assessment test.
- Short tricks.
- Puzzles.
- Introduction to numbers, Classification of numbers.
- LCM and HCF.
- Number series.
- Mirror image, Water image.



Picture 6: Pre-Assessment Test

Day 5:

- Problem on numbers.
- Ratio and proportion.
- Time and work, pipes and cisterns, chain rule.

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- Short assessment.

Day 6:

- Direction.
- Blood relations.
- Average.
- Post assessment test and Discussion.
- Percentage.

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Picture 7: Discussion about Quantitative Aptitude

At the end of Quantitative Aptitude phase Mr.T.Arumugam IV year/EEE and Ms.A.Abishaneya IV year/CSE have received Active Participant Award from Mr.Ponniwalavan and the Principal.



Picture 8: Mr.T.Arumugam IV year/EEE receiving Active Participant Award



Picture 9: Ms.A.Abishaneya IV year/CSE receiving Active Participant Award

FEEDBACK FROM OUR STUDENTS

"We are very grateful for this opportunity; this program was very much helpful to all of us. We will be much obliged if Naandi foundation could provide us more such training programs"

"We have the confidence to face interviews. After this program, our communication skills have also improved. We have learned aptitude through simple and easy methods. On behalf of all students, I request Naandi foundation to enhance our skills towards outstanding employability".



Picture 10: Feedback



Picture 11: Feedback

CONCLUSION

On behalf of the Department of Placement and Training, we would like to extend our sincere gratitude to Mrs.Anandhi Arvind, Deputy Head - Titan LeAP for providing this wonderful training program to our college students. Special thanks to Mr Suresh Kumar R,Titan LeAP for coordinating this program in an excellent manner. We would like to thank our Honorable Chairman Dr. D. Peter Jesudhas, Principal Dr. A. Benham, Vice Principal Dr. G. Gaswin Castro, Dean/Research Dr. J. Sunil for giving this wonderful platform to enrich our students' employability skills. We wholeheartedly thank the professional trainers Mr. Harinath Babu and Mr. Ponniwalavan for theirflawless efforts on training our students, we would also thank all the department Heads, membersof Teaching and Non-Teaching faculties and Students of various departments for the grand successof this program.

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This Certificate is awarded to

MARY STEPHY C

from **CIVIL**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer



CERTIFICATE

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SAHAYA RENISHA G

from **CIVIL**

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INDHUMATHI K

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ANITHA K

from CIVIL

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B.SAHAYA KALAI SELVI

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

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V.MAMTHA

from **C S C**

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Chief Skills Officer

Naandi

TITAN LeAP

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S.SUBHAKANI

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

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from **C S C**

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Chief Skills Officer

Naandi

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R.J.JENISHA

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A.VALLIMAYIL

from **C S C**

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B.SHERLIN BENCY

from **C S C**

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Chief Skills Officer

Naandi

TITAN LeAP

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This Certificate is awarded to

M.MUTHUMANISHA

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Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

P.AMIRTHAM

from **C S C**

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Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

C.SWATHY

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

E.SOBANA

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

K SANTHINI

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" Employability Skill Development Training Programme " conducted by TITAN LeAP,

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

M.RAJA LAKSHMI

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

I.ABISHANEYA

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

GOKUL VISWANTH

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

SAHAYA JENIBHA Y

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

SATHISH KUMAR D

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" Employability Skill Development Training Programme " conducted by TITAN LeAP,

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

SENAGA S

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

SINDHU V

from C S C

of ANNAI VAILANKANNI COLLEGE OF ENGINEERING *on successful completion of*

" Employability Skill Development Training Programme " conducted by TITAN LeAP,

Naandi Foundation from 2021 *to* 2022.

Chief Skills Officer





CERTIFICATE

This Certificate is awarded to

RAJANI CHRISH S

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer


Naandi
TITAN
LeAP
CERTIFICATE
This Certificate is awarded to
SAJIN C L
from C S C
of ANNAI VAILANKANNI COLLEGE OF ENGINEERING on successful completion of
" Employability Skill Development Training Programme " conducted by TITAN LeAP,
Naandi Foundation from 2021 to 2022.
Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

SNEKA S

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" Employability Skill Development Training Programme " conducted by TITAN LeAP,

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer



CERTIFICATE

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VAISHALI S

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

JUBIN JOSEPH MATHEW

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

ANJU P

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

SREEJITH R S

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

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Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer


Naandi
TITAN
LeAP
CERTIFICATE
This Certificate is awarded to
AJITHRA S
from C S C
of ANNAI VAILANKANNI COLLEGE OF ENGINEERING on successful completion of
" Employability Skill Development Training Programme " conducted by TITAN LeAP,
Naandi Foundation from 2021 to 2022.
Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

ASHTALAKSHMI M

from **C S C**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" Employability Skill Development Training Programme " conducted by TITAN LeAP,

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

ARUMUGAM T

from **E E E**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

ABARNA A F

from E C E

of ANNAI VAILANKANNI COLLEGE OF ENGINEERING *on successful completion of*

" Employability Skill Development Training Programme *" conducted by TITAN LeAP,*

Naandi Foundation from 2021 *to* 2022.

Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

AJEESHA S

from E C E

of ANNAI VAILANKANNI COLLEGE OF ENGINEERING *on successful completion of*

" Employability Skill Development Training Programme *" conducted by TITAN LeAP,*

Naandi Foundation from 2021 *to* 2022.

Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

ASWINI SHIYANA M

from **E C E**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

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Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

BEENU J B

from **E C E**

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Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

BEMELINE BLENCY LAL S L

from **E C E**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

MUPPIDATHI C

from **E C E**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

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Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

MUTHUMARI P

from **E C E**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

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Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

PAVITHRA A

from **E C E**

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Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

PREETHAROSE R

from **E C E**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" Employability Skill Development Training Programme " conducted by TITAN LeAP,

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

PRINCY A

from **E C E**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" Employability Skill Development Training Programme " conducted by TITAN LeAP,

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

Naandi

TITAN LeAP

CERTIFICATE

This Certificate is awarded to

GAYATHRI C

from CIVIL

of ANNAI VAILANKANNI COLLEGE OF ENGINEERING *on successful completion of*

" Employability Skill Development Training Programme " conducted by TITAN LeAP,

Naandi Foundation from 2021 *to* 2022.

Chief Skills Officer



CERTIFICATE

This Certificate is awarded to

MAREESWARI T

from **CIVIL**

of **ANNAI VAILANKANNI COLLEGE OF ENGINEERING** *on successful completion of*

" **Employability Skill Development Training Programme** *" conducted by TITAN LeAP,*

Naandi Foundation from **2021** *to* **2022**.

Chief Skills Officer

1.2.1 Number of Add on / certificate/ Value Added Programs offered during the last five years

Total Number of Courses: 03

2019-2020

Sl.No	Name of Add on / Certificate Programs offered	Course Code	Duration of Course	No of Students Enrolled in the year
1.	Value Added Course Total Station	CE1901	30 Hours	35
2.	Value Added Course IOT & ROBOTICS	EC1901	30 Hours	47
3.	Value Added Course Android Training and Development	CS1901	30 Hours	70
TOTAL STUDENTS				152

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AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, PothaiyadiSalai,Pottalkulam,AzhagappapuramP.o, Kanyakumari District,Tamil Nadu,629401.

Department of Civil Engineering

Academic Year 2019-2020

CIRCULAR **Date: 27/7/2020**

Ref: From the desk of the Civil HOD/ Civil. Ref No: 2019-2020/CE/VACCE03

It is decided to conduct **Total Station Course** for II, III & IV Year Civil Engineering Students for the academic year 2019-2020. Students are asked to contact their respective Class in charge for the enrolment of the course on or before 31/7/20.The course will be held from 3/8/20 for II, III & IV year Students in Cad Lab (Mechanical Block).

Venue:

CAD Lab (Mechanical Block)

Students are asked to use this opportunity to know more about designing a structure.

ALL THE BEST

HOD/Civil

POTTAIKULAM AZHAGAPPAPURAM P.O. KANYAKUMARI DISTRICT 629 401

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POTTAIKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothaiyadi Salai,Pottalkulam,Azhagappapuram P.o, Kanyakumari District, Tamil Nadu,629401

Academic Year: 2019-2020

Ceter for value Added Courses

Programme Code & Name : 103, Civil Engineering

Name of the Course : Total Station

Year : II, III & IV

Duration of Course : 30 Hrs

TOTAL STATION

Course Code : VACCE03 **Total**

Duration: 30 Hrs

COURSE OBJECTIVE:

This course is designed to give an introduction into the use of a total station in construction and for use in industrial set out. Trainers will introduce how to set up and co-ordinate the total station using the required software programmes available. Practical work will ensure the understanding and methodology to be fully explained and demonstrated in this introductory course.

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KANYAKUMARI DIST.

COURSE CONTENT:

UNIT I

Introduction on Total Station instrument - Basic operational procedure on Total Station instruments of different types.

UNIT II

Application of Total Station instruments in civil constructions. Missing line Measurement, Area determination, Remote elevation measurement, Remote distance measurement & Stakeout etc.

UNIT III

Setting out of a Simple, Compound & Reverse curves

UNIT IV

Providing alignment of a road, pipe line & tunnel, longitudinal profile, cross section profile & contouring using total station instrument.

UNIT V

Data transformation & various software packages for plotting process.

REFERENCEBOOKS:

- Surveying Volume II and III : B.C. Punmia
- Advance Surveying : R. Agor

V. Suganya
Course In charge

Course Coordinator

HOD

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AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist – 629 401
DEPARTMENT OF CIVIL ENGINEERING
Academic Year 2019-2020
Value Added Course

Programme Code & Name: 103 & Civil Engineering

Year: II

Name of the Course: Total Station

Course in –Charge : K Suganya

Duration : 30 Hrs

| Sl No | Register No | Name of the student | Month | | 8 8 8

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, PothaiyadiSalai,Pottalkulam,Azhagappapuram P.O, Kanyakumari District,Tamil Nadu,629401.

DEPARTMENT OF CIVIL ENGINEERING

MARK STATEMENT

Year: II Semester: III

Year:2019-2020 (ODD&EVEN)

Subject Name: Total Station

No	Register No	Students Name	Test Mark	Viva-Voce	Total Mark
1	960119103001	CHITRA A	75	15	90
2	960119103002	KARTHIKA C	77	16	93
3	960119103003	LAKSHMI E	78	18	96
4	960119103004	SUBHRAJ T	75	15	90
5	960119103005	USIA R	78	18	96
6	960120103303	RAJA K	65	14	79

K. Suganya
Course in-charge

Head of the Department

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist - 629 401

DEPARTMENT OF CIVIL ENGINEERING

Course Feedback Form

Name of the student : R. Uma.

Course title : Total station

Academic year 2019-2020 **Semester** II nd year

1. Were objectives of the course clear to you? Y ☑ / N ☐
2. Has the faculty covered entire syllabus as prescribed by university ? Y ☑ / N ☐
3. Has the faculty covered relevant topics beyond syllabus? Y ☑ / N ☐
4. The course contents met with your expectations
   Strongly disagree ☐ Strongly agree ☑
5. The lecture sequence was well planned
   Strongly disagree ☐ Strongly agree ☑
6. The course exposed to new knowledge and practices
   Strongly disagree ☐ Strongly agree ☑
7. The course contents compared with your expectations
   Too theoretical ☐ Too empirical ☑
8. The lectures were clear and easy to understand
   Strongly disagree ☐ Strongly agree ☑
9. The teaching aids were effectively used
   Strongly disagree ☐ Strongly agree ☑
10. The instructors encouraged interaction and were helpful
    Strongly disagree ☐ Strongly agree ☑
11. The course material handed out was adequate
    Strongly disagree ☐ Strongly agree ☑

12. Any other suggestions:

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Uma R
Signature of the Student

Annai Vailankanni College of Engineering

(Approved by AICTE & Affiliated to Anna University,Chennai)

AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. Chithra A

of CIVIL ENGINEERING

has attended the Course on TOTAL STATION

during the academic Year 2019-2020

K. Ruganya
CO-ORDINATOR

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
PUTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

HOD

PRINCIPAL

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist – 629 401
DEPARTMENT OF CIVIL ENGINEERING
Academic Year 2019-2020
Value Added Course

Programme Code & Name: 103 & Civil Engineering **Year: IV**

Name of the Course: Total Station **Course in –Charge : Sugan** **Duration : 30 Hrs**

| Sl No | Register No | Name of the student | Month | 8 8 8

7	960118103007	KALAISELVAN M	
8	960118103008	KARTHIKA B	
9	960118103009	MERLIN GRACE C	
10	960118103010	MUTHU SIVA SUBRAMANIAN M	
11	960118103011	PONNAZAGUMO NISHA P	
12	960118103012	SRJNATH O	
13	960118103013	SUNIL S	
14	960118103014	SURESHRAJA S	

Head of the Department

PRINCIPAL
ARUNACHALANAR COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM
KANYAKUMARI DIST.

K. Suganya
Course in-charge

DEPARTMENT OF CIVIL ENGINEERING

MARK STATEMENT

Year: III **Semester:** V

Year:2019-2020 (ODD&EVEN) **Subject Name: Total Station**

No	Register No	Students Name	Test Mark	Viva-Voce.	Total Mark
1	960118103001	ABINESH R	65	12	77
2	960118103002	ANNIE STEPHILA	76	15	91
3	960118103003	ESAKKIMUTHU C	65	15	80
4	960118103004	EZHIL ROSHIKA S	75	15	90
5	960118103005	HARISH R K	72	12	84
6	960118103006	JEBIN T	72	13	85
7	960118103007	KALAISELVAN M	75	12	87
8	960118103008	KARTHIKA B	75	15	90
9	960118103009	MERLIN GRACE C	75	15	90
10	960118103010	MUTHU SIVA SUBRAMANIAN M	72	12	84
11	960118103011	PONNAZAGUMONISHA P	75	15	90
12	960118103012	SRINATH O	72	12	84
13	960118103013	SUNIL S	75	15	90

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AZHAGAPPAPURAM - 629 401

Annai Vailankanni College of Engineering

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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. C. MARY STEPHY

of CIVIL ENGINEERING

has attended the Course on IDIAL STATION

during the academic Year 2019-2020

K. Suganya
CO-ORDINATOR

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

HOD

PRINCIPAL

14	960118103014	SURESHRAJA S	72	12	84

K. Suganya
Course in-charge

Head of the Department

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist - 629 401

DEPARTMENT OF CIVIL ENGINEERING

Course Feedback Form

Name of the student : P. Ponnazaguvanisha

Course title : Total Station

Academic year 2019 - 2020 Semester IV

1. Were objectives of the course clear to you? Y ☑ / N ☐
2. Has the faculty covered entire syllabus as prescribed by university ? Y ☑ / N ☐
3. Has the faculty covered relevant topics beyond syllabus? Y ☑ / N ☐
4. The course contents met with your expectations
   Strongly disagree ☐ Strongly agree ☑
5. The lecture sequence was well planned
   Strongly disagree ☐ Strongly agree ☑
6. The course exposed to new knowledge and practices
   Strongly disagree ☐ Strongly agree ☑
7. The course contents compared with your expectations
   Too theoretical ☐ Too empirical ☑
8. The lectures were clear and easy to understand
   Strongly disagree ☐ Strongly agree ☑
9. The teaching aids were effectively used
   Strongly disagree ☐ Strongly agree ☑
10. The instructors encouraged interaction and were helpful
    Strongly disagree ☐ Strongly agree ☑
11. The course material handed out was adequate
    Strongly disagree ☐ Strongly agree ☑

12. Any other suggestions:

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POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Signature of the Student

Annai Vailankanni College of Engineering

(Approved by AICTE & Affiliated to Anna University,Chennai)

AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. ANNIE STEPHILA

of CIVIL ENGINEERING

has attended the Course on TOTAL STATION

during the academic Year 2019-2020

PRINCIPAL
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KANYAKUMARI DIST.

K. Suganya
CO-ORDINATOR

HOD

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist – 629 401
DEPARTMENT OF CIVIL ENGINEERING
Academic Year 2019-2020
Value Added Course

Programme Code & Name: 103 & Civil Engineering **Year: IV**

Name of the Course: Total Station **Course in –Charge : K. Suganya** **Duration : 30 Hrs**

| Sl No | Register No | Name of the student | Month | 8 | 8 | 8

| 8 | 960117103010 | MARY STEPHY C | | |

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, PothaiyadiSalai,Pottalkulam,Azhagappapuram P.O, Kanyakumari District,Tamil Nadu,629401.

DEPARTMENT OF CIVIL ENGINEERING

MARK STATEMENT

Year: IV

Semester: VII

Year:2019-2020 (ODD&EVEN)

Subject Name: Total Station

No	Register No	Students Name	Test Mark	Viva-Voce	Total Mark
1	960117103001	AJITHA S	75	15	90
2	960117103002	ANITHA K	72	12	84
3	960117103003	BIBIN S	65	15	80
4	960117103004	GAYATHRI C	67	12	79
5	960117103006	INDHUMATHI K	65	15	80
6	960117103007	JANEESH D R	75	15	90
7	960117103009	MAREESWARI T	67	12	79
8	960117103010	MARY STEPHY C	75	15	90
9	960117103011	MONISHA S	75	16	91
10	960117103012	NISHA S	76	16	92
11	960117103013	PANDI RAJATHI G	65	15	80

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12	960117103015	RANJITH A	65	15	80
13	960117103016	REJISHA T	75	15	90
14	960117103018	SAHAYA RENISHA G	67	12	79
15	960117103019	SAHIN S	65	15	80
16	960117103021	THANASILIN ROSE T	65	14	79
17	960117103022	VINILKANTH R V	70	15	85

K. Suganya
Course in-charge

Head of the Department

PRINCIPAL
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KOTTALKULAM
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KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist - 629 401

DEPARTMENT OF CIVIL ENGINEERING

Course Feedback Form

Name of the student : K Anitha

Course title : Total Station

Academic year 2019 - 2020 Semester VII

1. Were objectives of the course clear to you? Y ☑ / N ☐
2. Has the faculty covered entire syllabus as prescribed by university ? Y ☑ / N ☐
3. Has the faculty covered relevant topics beyond syllabus? Y ☑ / N ☐
4. The course contents met with your expectations

   Strongly disagree ☐ Strongly agree ☑
5. The lecture sequence was well planned

   Strongly disagree ☐ Strongly agree ☑
6. The course exposed to new knowledge and practices

   Strongly disagree ☐ Strongly agree ☑
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8. The lectures were clear and easy to understand

   Strongly disagree ☐ Strongly agree ☑
9. The teaching aids were effectively used

   Strongly disagree ☐ Strongly agree ☑
10. The instructors encouraged interaction and were helpful

    Strongly disagree ☐ Strongly agree ☑
11. The course material handed out was adequate

    Strongly disagree ☐ Strongly agree ☑

12. Any other suggestions:

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K.K. DIST.

K. Anitha
Signature of the Student

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, PothaiyadiSalai,Pottalkulam,AzhagappapuramP.o, Kanyakumari District,Tamil Nadu,629401.

Department of Electronics and Communication Engineering

Academic Year 2019-2020

CIRCULAR **Date: 27/7/2020**

Ref: From the desk of the ECE HOD/ ECE. Ref No: 2019-2020/ECE/VACCE03

It is decided to conduct **IOT & ROBOTICS** Course for II, III & IV Year Electronics and Communication Engineering Students for the academic year 2019-2020. Students are asked to contact their respective Class in charge for the enrolment of the course on or before 31/7/20.The course will be held from 3/8/20 for II, III & IV year Students.

Venue:

Simulation Lab

Students are asked to use this opportunity to know more about designing a structure.

ALL THE BEST

HOD/ECE

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Academic Year: 2019-2020

Ceter for value Added Courses

Programme Code & Name : 106, Electronics and Communication Engineering

Name of the Course : IOT & ROBOTICS

Year : II, III & IV

Duration of Course : 30 Hrs

IOT & ROBOTICS

Course Code :VACEC01 Total Duration: 30Hrs

COURSE OBJECTIVE:

To provide an introduction to Robotics and Automation including robot classification, design and selection, analysis and applications in industry. The Internet of Things (IOT) describes the network of physical objects

—"things"—that are embedded with sensors, software, and other technologies for the purpose of connecting and exchanging data with other devices and systems over the internet

COURSECONTENT:

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AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist – 629 401

Department of Electronics and Communication Engineering

Academic Year 2019-2020
Value Added Course

Programme Code & Name: 106 & Electronics and Communication Engineering
Year: II

Name of the Course: IOT & ROBOTICS

Course in –Charge : Mrs. P. Remika, AP/ECE. Duration : 30 Hrs

| Sl No | Register No | Name of the student | Month | 8 | 8 | 8

6	960118106006	JENSI .Y	
7	960118106007	MASANAM E	
8	960118106008	NITHYA M	
9	960118106009	PAVITHRA M	
10	960118106010	RAMA LAKSHMI	
11	960118106011	SANJAY KUMAR	
12	960118106012	SULAEBHA M	
13	960118106013	SUMITHA R	
14	960118106701	SUBATHRA S	

Course In-charge

Head of the Department

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Department of Electronics and Communication Engineering

Academic Year 2019-2020
Value Added Course

Programme Code & Name: 106, Electronics and Communication Engineering

Year: III

Name of the Course: IOT & ROBOTICS

Course in –Charge : Mrs. P. Renuka Duration : 30 Hrs

| Sl No | Register No | Name of the student | Month | 8 | 8 | 8

5	960117106005	ANTONY MILLINOR P		
6	960117106006	ASWINI SHIYANA M		
7	960117106007	BEENU J B		
8	960117106008	BEMELINE BLENCY LAL S L		
9	960117106010	ISWARYA R		
10	960117106011	JASMIN PRINCY J		
11	960117106012	JENISH J		
12	960117106013	MAHALEKSHMI M		
13	960117106014	MONISHA R B		
14	960117106015	MUPPIDATHI C		
15	960117106016	MUTHUMARI P		
16	960117106020	NAVARENIINI G V		
17	960117106021	NITHESH NETHAJI D		
18	960117106022	PAVITHRA A		
19	960117106023	PREETHAROSE R		
20	960117106024	PRINCY A		
21	960117106025	PUSHPA LATHA T		

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22	960117106027	RESHMA S R		
23	960117106028	SEEVALAPERIYA M		
24	960117106029	SHEEJA S		
25	960117106030	SHERIN S V		
26	960117106031	SIVA PRAKASH V		
27	960117106032	SUMITHRA S		

Course-in-charge

Head of the department

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Department of Electronics and Communication Engineering

MARK STATEMENT

Year: II

Semester: III

Year: 2019-2020 (ODD&EVEN)

Subject Name: IOT & ROBOTICS

No	Register No	Students Name	Test Mark (80)	Viva-Voce (20)	Total Mark (100)
1	960118106001	ARULA B	75	17	92
2	960118106002	AROCKIA STANLIN PRAKASH	70	15	85
3	960118106003	BIBSIA . M	73	15	88
4	960118106004	INBA MUKILA	75	18	93
5	960118106005	INDUMATHI B	65	12	77
6	960118106006	JENSI .Y	78	18	96
7	960118106007	MASANAM E	77	19	96

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8	960118106008	NITHYA M	60	12	72
9	960118106009	PAVITHRA M	78	17	95
10	960118106010	RAMA LAKSHMI	77	18	95
11	960118106011	SANJAY KUMAR	72	15	87
12	960118106012	SULAEKHA M	75	15	90
13	960118106013	SUMITHA R	73	13	86
14	960118106701	SUBATHRA S	77	16	93

Course Incharge

Head of the Department

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Department of Electronics and Communication Engineering

Academic Year 2019-2020
Value Added Course

Programme Code & Name: 104, Electronics and Communication Engineering

Year: IV

Name of the Course: IOT & ROBOTICS

Course in –Charge :

Duration : 30 Hrs

| Sl No | Register No | Name of the student | Month | 8 | 8 | 8

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Department of Electronics and Communication Engineering

MARK STATEMENT

Year: III **Semester:** V

Year:2019-2020 (ODD&EVEN) **Subject Name:** IOT & ROBOTICS

No	Register No	Students Name	Test Mark (60)	Viva-Voce (20)	Total Mark
1	960117106001	ABARNA A F	72	18	90
2	960117106002	ABILASH LAWRANCE L	61	10	71
3	960117106003	AJEESHA S	75	12	87
4	960117106004	ANISHA M	67	12	79
5	960117106005	ANTONY MILLINOR P	72	13	85

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6	960117106006	ASWINI SHIYANA M	70	13	83
7	960117106007	BEENU J B	67	12	79
8	960117106008	BEMELINE BLENCY LAL S L	78	16	94
9	960117106010	ISWARYA R	70	14	84
10	960117106011	JASMIN PRINCY J	71	15	86
11	960117106012	JENISH J	72	14	86
12	960117106013	MAHALEKSHMI M	73	13	86
13	960117106014	MONISHA R B	75	11	86
14	960117106015	MUPPIDATHI C	70	12	82
15	960117106016	MUTHUMARI P	77	10	87
16	960117106020	NAVARENIINI G V	65	15	80
17	960117106021	NITHESH NETHAJI D	70	10	80
18	960117106022	PAVITHRA A	72	13	85
19	960117106023	PREETHAROSE R	71	14	85
20	960117106024	PRINCY A	73	15	88
21	960117106025	PUSHPA LATHA T	77	16	93
22	960117106027	RESHMA S R	78	18	96

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23	960117106028	SEEVALAPERIYA M	77	13	90
24	960117106029	SNEEJA S	73	14	87
25	960117106030	SHERIN S V	75	12	87
26	960117106031	SIVA PRAKASH V	70	10	80
27	960117106032	SUMITHRA S	72	12	84

Course in-charge

Head of the Department

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Certificate

This is to certify that Mr/Ms. PAVITHRA M

of IInd - Year

has attended the Course on IOT & Robotics

during the academic Year 2019-2020

CO-ORDINATOR

HOD

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Certificate

This is to certify that Mr/Ms. Akila. R

of II nd - Year

has attended the Course on IOT & Robotics

during the academic Year 2019-2020

CO-ORDINATOR

HOD

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Certificate

This is to certify that Mr/Ms. SWATHI. G.L

of IV - Year

has attended the Course on IOT & Robotics

during the academic Year 2019-2020

CO-ORDINATOR

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Certificate

This is to certify that Mr/Ms. Anto Ani Sulbiya N

of IV – Year

has attended the Course on IOT & Robotics

during the academic Year 2019-2020

CO-ORDINATOR

HOD

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Certificate

This is to certify that Mr/Ms. ISWARYA R

of III 3rd - Year

has attended the Course on IOT & Robotics

during the academic Year 2019-2020

CO-ORDINATOR

HOD

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Department of Computer Science and Engineering

Academic Year 2019-2020

CIRCULAR

Date: 26/7/19

Ref: From the desk of the CSE HOD/ CSE. Ref No:2019-2020/CE/ PTVC034

It is decided to conduct an **ANDROID TRAINING AND DEVELOPMENT** Course for II, III & IV Year Computer Science and Engineering Students for the academic year 2019-2020. Students are asked to contact their respective Class in charge for the enrolment of the course on or before 02/08/19.The course will be held from 03/08/19 for II,III & IV year Students in Computer Lab

Venue:

Computer Lab

Students are asked to use this opportunity to know more about the android application.

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Department of Computer Science and Engineering

Academic Year 2019-2020
Value Added Course

Programme Code & Name: 104, Computer Science and Engineering **Year: IV**

Name of the Course: : Android Training and Development

Course in –Charge : S. Berlin Shaheena **Duration : 30 Hrs**

| Sl No | Register No | Name of the student | Month | 8 | 8 | 8

8	960118104008	DEVA . R		
9	960118104009	DEVI S		
10	960118104010	DINESH M		
11	960118104011	EMIMAL S		
12	960118104012	ESAKKI SABARISHVARAN S		
13	960118104013	ESAKKI DEVI B		
14	960118104014	GODWIN D		
15	960118104016	JANANI B		
16	960118104017	JEBA RESHMA J		
17	960118104018	JEBIN L		
18	960118104019	JEEVITHA D		
19	960118104020	KAUSALYA V		
20	960118104021	MALLIKA . S		
21	960118104022	MANJU M		
22	960118104023	MARIYA A		
23	960118104024	MASANA MALATHI .D		
24	960118104025	MICHEAL FRANCIS KISHORE . A		
25	960118104026	MURUGAMMAL R		
26	960118104027	MUTHU BHARATHI M		
27	960118104028	MUTHU KANNAN S		

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Department of Computer Science and Engineering

Academic Year 2019-2020
Value Added Course

Programme Code & Name: 104, Computer Science and Engineering **Year: III**

Name of the Course: Android Training and Development

Course in –Charge : V. Pradeep Kumar **Duration : 30 Hrs**

| Sl No | Register No | Name of the student | Month | 8 | 8 | 8

| | | |

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Department of Computer Science and Engineering

Academic Year 2019-2020
Value Added Course

Programme Code & Name: 104, Computer Science and Engineering **Year: IV**

Name of the Course: : Android Training and Development

Course in –Charge : M. Suresa **Duration : 30 Hrs**

| Sl No | Register No | Name of the student | Month | 8 | 8 | 8

| | | |

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Certificate

This is to certify that Mr/Ms. ABINESH. P

of 3rd CSE

has attended the Course on Android Training and Development

during the academic Year 2019-2020

CO-ORDINATOR HOD PRINCIPAL

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Certificate

This is to certify that ~~Mr/~~Ms. ABIRAMI. A

of II CSE

has attended the Course on Android Training and Development

during the academic Year 2019-2020

CO-ORDINATOR HOD PRINCIPAL

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Certificate

This is to certify that ~~Mr~~/Ms. ABISHA Mol. J

of IV Year CSE

has attended the course on Android Training and Development

during the academic Year 2019-2020

CO-ORDINATOR HOD PRINCIPAL

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Azhagappapuram Post – 629 401, K.K.Dist, Tamil Nadu.
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic year 2018-19(ODD)

CIRCULAR

Dated : 4.7.2018

Ref: AVCE/ECE/2018-19 ODD

From the desk of HOD/ECE

Attn: II , III and final year ECE Students

It is decided to conduct the following value added courses during the curent semester. All the II and III year ECE students are asked to contact the Coordinator to enroll their names for the respective courses.

S.No.	Course Name	Year	Coordinator
1.	ROBOTICS	III, IV	Mr.D.Nagarajan Mrs.R.Bagavathy
2.	PYTHON	II, III, IV	Mr.D.Nagarajan

HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ROBOTICS SYLLABUS

Experiments	TITLE	PERIODS
1	Basic wheel Robot using Arudino	02
2	Wheel Robot with obstacle avoidance using Arudino and ultrasonic sensor	02
3	Line following robot	02
4	Voice controlled wheel robot using arudino and bluetooth	02
5	Face detection using raspberry PI	02
6	Object following robot using Raspberry PI	02
7	Google assistance controlled smart home using Arudino/Raspberry PI	02
8	Sensor data logging using IOT	02
9	IOT based smart home automation	02

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PYTHON PROGRAMMING- SYLLABUS

class	TITLE	No: of : Periods
1	Introduction	02
2	gitHub, Functions, Booleans and Modules	02
3	Sequences, Iteration and String Formatting	02
4	Dictionaries, Sets, and Files	02
5	Exceptions, Testing, Comprehensions	02
6	Advanced Argument Passing, Lambda -- functions as objects	02
7	Object Oriented Programming	02
8	More OO -- Properties, Special methods	02
9	Iterators, Iterables, and Generators	02
10	Decorators, Context Managers, Regular Expressions, and Wrap Up	02

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Department of Electronics and Communication Engineering

Value added and Skill Development Course-Summary

Year : 2018 -19 (ODD)

II Year ECE

Sl.No	Course Code	Course Name	Staff	Total No. Of Students
1		Python Programming	Mr.Nagarajan	30

III Year ECE

Sl.No	Course Code	Course Name	Staff	Total No. Of Students
1		Python Programming	Mr.Nagarajan	6
2		Robotics	Mr.Nagarajan & Mrs.Bagavathy	6

IV Year ECE

Sl.No	Course Code	Course Name	Staff	Total No. Of Students
1		Python Programming	Mr.Nagarajan	10
2		Robotics	Mr.Nagarajan & Mrs.Bagavathy	10

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Head of the Department

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PYTHON PROGRAMMING- SYLLABUS

class	TITLE	No: of : Periods
1	Introduction	02
2	gitHub, Functions, Booleans and Modules	02
3	Sequences, Iteration and String Formatting	02
4	Dictionaries, Sets, and Files	02
5	Exceptions, Testing, Comprehensions	02
6	Advanced Argument Passing, Lambda -- functions as objects	02
7	Object Oriented Programming	02
8	More OO -- Properties, Special methods	02
9	Iterators, Iterables, and Generators	02
10	Decorators, Context Managers, Regular Expressions, and Wrap Up	02

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Annai Vailankanni College of Engineering
Department of Electronics and Communication Engineering
2018 – 2019 (ODD) Semester
II ECE

VALUE ADDED AND SKILL DEVELOPMENT COURSE-PYTHON PROGRAMMING

S.No.	Name	Date	9	10	17	25	2	14	28	5	17	26	5	9	11	13
		Month	7	7	7	7	8	8	8	9	9	9	10	10	10	10
		Period	2-7	1-7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7
1	ABARNA A F		/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	ABILASH LAWRANCE L		/	a	/	a	/	a	a	/	a	/	/	/	/	/
3	AJEESHA S		/	/	/	/	/	/	/	/	a	/	/	/	/	/
4	ANISHA M		/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	ANTONY MILLINOR P		/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	ASWINI SHIYANA M		/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	BEENU J B		/	/	/	/	/	a	a	/	/	/	/	/	/	/
8	BEMELINE BLENCY LAL S L		/	/	/	/	/	/	a	/	/	/	/	/	/	/
9	INDHUMATHI A		/	/	a	a	/	/	/	/	/	/	/	/	/	/
10	ISWARYA R		/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	JASMIN PRINCY J		/	/	/	/	/	a	a	/	/	/	/	/	/	/
12	JENISH J		a	/	/	/	/	/	/	/	/	/	/	/	/	/
13	MAHALEKSHMI M		/	/	/	/	/	/	/	/	a	/	/	/	/	/
14	MONISHA R B		/	a	/	/	/	a	/	/	a	/	/	/	/	/
15	MUPPIDATHI C		/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	MUTHUMARI P		/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	MUTHU VISHOK G		/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	NATHIYA R		a	a	a	a	a	a	a	a	a					
19	NAVARENJINI G V		a	a	/	/	/	/	/	/	/	/	/	/	/	/
20	NITHESH NETHAJI D		/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	PAVITHRA A		/	/	/	/	/	/	/	/	/	/	/	/	/	/

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POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

| | | |

Annai Vailankanni College of Engineering
Department of Electronics and Communication Engineering
2018 – 2019 (ODD) Semester
III ECE
VALUE ADDED AND SKILL DEVELOPMENT COURSE-PYTHON PROGRAMMING

S.No.	Name															
		Date	5	13	23	31	9	24	12	24	3	5	9	11	17	
		Month	7	7	7	7	8	8	9	9	10	10	10	10	10	
		Period	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	
1	AMUTHA R		/	/	a	a	a	/	/	/	a	/	/	/	/	
2	ANTO ANI SULBIYA N		a	/	/	/	/	/	/	/	a	/	/	/	/	
3	DEVADHARSHINI R C		/	/	/	/	/	/	/	/	/	/	/	/	/	
4	PRIYA K		/	/	a	/	/	/	/	/	/	/	/	/	/	
5	SONIA SUBASH E		a	/	/	/	a	a	/	a	a	/	/	/	/	
6	SUJATHA G		/	/	/	/	/	a	/	/	/	/	/	/	/	

Signature of the staff

HOD

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Annai Vailankanni College of Engineering
Department of Electronics and Communication Engineering
2018 – 2019 (ODD) Semester
IV ECE
VALUE ADDDED AND SKILL DEVELOPMENT-PHYTON PROGRAMMING

S.No.	Name	Date	5	13	28	31	9	24	3	12	24	3	5	9	11	13
		Month	7	7	7	7	8	8	9	9	9	10	10	10	10	10
		Period	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
1	BHUVANESHWARI R		/	/	/	/	a	/	/	/	/	/	/	/	/	/
2	GRANAF MINI A		/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	JANCY RANI J		/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	MEENA KAMALI K		/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	PRINCY CHRISTAL J		/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	VANALAKSHMI P		/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	VELAMMAL M		/	/	/	/	/	a	/	/	/	/	/	/	/	/
8	REXIN GEO R		/	/	/	/	a	a	a	a	a	a	/	/	a	/
9	A.MANIKANDAN		/	/	/	/	/	a	/	/	/	/	/	/	/	/
10	W.VIVEKBRIGHT		/	/	/	/	/	/	/	/	/	/	/	/	/	/

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AVK Nagar, Pothaiyadi Salai, Pinnalkidam, Arhaggappanam P.O- Kanyakumari District Tamil Nadu-629 401

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FORM

Course Name: Robotics

Student Name: R. Bhuvaneshwari

Academic Year: 2018

Year/Semester: IV Year / VII Sem

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	O	●	O
How did you experience the speed or rate at which the training was presented?	O	O	O	●
Can you practically apply the course material to your career?	O	O	●	O
How do you rate the contents of the course material?	O	O	●	O
How would you rate the focus and structure of the course?	O	O	●	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	●	O
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	●	O
How did the facilitator handle questions that were asked?	O	O	●	O
How would you rate their facilitation skills on the whole?	O	O	●	O
Venue				
Was the venue sufficient for the type of training presented?	O	O	●	O

Additional Feedback

How do you rate the training overall?

O O ● O

What aspects of the training could be improved?

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R. Bhuvaneshwari
Student Signature

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FORM

Course Name: Robotics

Student Name: A. Gnanaf mini

Academic Year: 2018

Year/Semester: ☑ / Seventh

Course	Bad	Average	Good	Excellent
Did the course content meet your expectations?	O	O	✓	O
How did you experience the speed or rate at which the training was presented?	O	O	✓	O
Can you practically apply the course material to your career?	O	O	✓	O
How do you rate the contents of the course material?	O	✓	O	O
How would you rate the focus and structure of the course?	O	O	✓	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	O	✓
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	✓	O
How did the facilitator handle questions that were asked?	O	O	✓	O
How would you rate their facilitation skills on the whole?	O	O	✓	O
Venue				
Was the venue sufficient for the type of training presented?	O	✓	O	O

Additional Feedback

How do you rate the training overall?

O	O	✓	O

What aspects of the training could be improved?

Student Signature

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothalyadi Salai, Pottalkulam, Azhagappapuram P.O- Kanyakumari District Tamil Nadu-629 401

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FORM

Course Name: Robotics

Academic Year: 2018–2019

Student Name: Sonia Subash

Year/Semester: 3rd yr/5th sem

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	✓	○	○	○
How did you experience the speed or rate at which the training was presented?	✓	○	○	○
Can you practically apply the course material to your career?	○	✓	○	○
How do you rate the contents of the course material?	○	✓	○	○
How would you rate the focus and structure of the course?	○	✓	○	○
Facilitator				
How knowledgeable was the facilitator on the subject matter?	○	○	✓	○
Did the facilitator explain the concepts clearly and in an understandable way?	○	○	✓	○
How did the facilitator handle questions that were asked?	○	○	✓	○
How would you rate their facilitation skills on the whole?	○	○	✓	○
Venue				
Was the venue sufficient for the type of training presented?	○	○	✓	○

Additional Feedback

How do you rate the training overall?

○	✓	○	○

What aspects of the training could be improved?

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Student Signature

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothalyadi Salai, Pottalkulam, Azhagappapuram P.O- Kanyakumari District Tamil Nadu-629 401

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FORM

Course Name: Robotics

Student Name: Anuba. R

Academic Year: 2025 – 2026

Year/Semester: 3rd yr / 5th sem

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	✓	O	O
How did you experience the speed or rate at which the training was presented?	O	✓	O	O
Can you practically apply the course material to your career?	O	O	✓	O
How do you rate the contents of the course material?	O	O	✓	O
How would you rate the focus and structure of the course?	O	O	✓	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	✓	O
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	✓	O
How did the facilitator handle questions that were asked?	O	O	✓	O
How would you rate their facilitation skills on the whole?	O	O	✓	O
Venue				
Was the venue sufficient for the type of training presented?	O	O	✓	O

Additional Feedback

How do you rate the training overall?

O O ✓ O

What aspects of the training could be improved?

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Student Signature



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Azhagappapuram Post – 629 401, K.K.Dist, Tamil Nadu.
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic year 2018-19(EVEN)

CIRCULAR

Ref: AVCE/ECE/2018-19 EVEN

Dated : 21.12.2018

From the desk of HOD/ECE

Attn: II ,III AND FINAL Year ECE Students

It is decided to conduct the following value added courses during the curent semester. All the II year and III year ECE students are asked to contact the Coordinator to enroll their names for the course.

S.No.	Course Name	Year	Coordinator
1.	ROBOTICS	II	Mr.D.NAGARAJAN/ Mrs.R.BAGAVATHY
2.	PYTHON	II,III,IV	Mr.D.NAGARAJAN

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ROBOTICS SYLLABUS

Experiments	TITLE	PERIODS
1	Basic wheel Robot using Arudino	02
2	Wheel Robot with obstacle avoidance using Arudino and ultrasonic sensor	02
3	Line following robot	02
4	Voice controlled wheel robot using arudino and bluetooth	02
5	Face detection using raspberry PI	02
6	Object following robot using Raspberry PI	02
7	Google assistance controlled smart home using Arudino/Raspberry PI	02
8	Sensor data logging using IOT	02
9	IOT based smart home automation	02

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ıi College of Engineering

Department of Electronics and Communication Engineering
2018 – 2019 (ODD) Semester
III ECE
VALUE ADDED AND SKILL DEVELOPMENT COURSE-ROBOTICS

S.No.	Name	Date	4	12	20	30	7	23	31	11	20	1	5	9	11	13									
		Month	7	7	7	7	8	9	8	9	9	10	10	10	10	10									
		Period	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7									
1	AMUTHA R		/	/	a	a	a	/	/	/	/	/	/	/	/	/									
2	ANTO ANI SULBIYA N		a	/	/	/	/	/	/	/	/	/	/	/	/	/									
3	DEVADHARSHINI R C		/	/	/	/	/	/	/	/	/	/	/	/	/	/									
4	PRIYA K		/	/	/	/	/	/	/	/	/	/	/	/	/	/									
5	SONIA SUBASH E		a	/	/	/	/	/	/	/	/	/	/	/	/	/									
6	SUJATHA G		/	/	/	/	/	a	a	/	/	/	/	/	/	/									

Signature of the staff

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Annai Vailankanni College of Engineering
Department of Electronics and Communication Engineering
2018 – 2019 (ODD) Semester
IV ECE
VALUE ADDDED AND SKILL DEVELOPMENT-ROBOTICS

S.No.	Name	Date	4	12	20	30	7	23	31	11	20	1	5	9	11	13												
		Month	7	7	7	7	8	8	8	9	9	10	10	10	10	10												
		Period	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7												
1	BHUVANESHWARI R		/	/	/	/	/	/	/	/	/	/	/	/	/	/												
2	GRANAF MINI A		/	/	/	/	/	/	/	/	/	/	/	/	/	/												
3	JANCY RANI J		/	/	/	/	/	/	/	/	/	/	/	/	/	/												
4	MEENA KAMALI K		a	/	/	/	/	/	/	/	/	/	/	/	/	/												
5	PRINCY CHRISTAL J		/	/	/	/	/	/	/	/	/	/	/	/	/	/												
6	VANALAKSHMI P		/	/	/	/	/	/	/	/	/	/	/	/	/	/												
7	VELAMMAL M		/	/	/	/	/	/	/	/	/	/	/	/	/	/												
8	REXIN GEO R		/	/	/	/	/	a	a	a	a	a	/	/	/	/												
9	A.MANIKANDAN		/	/	/	/	/	/	/	/	/	/	/	/	/	/												
10	W.VIVEKBRIGHT		/	/	/	/	/	/	/	/	/	/	/	/	/	/												

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Annai Vailankanni College of Engineering
Department of Electronics and Communication Engineering
2018 – 2019 (EVEN) Semester
IV ECE
PYTHON PROGRAMMING

S.No.	Name	Date	22	29	29	4	11	22	29	31	6	8	14	16	22	26	5	7	13	15	21	23		
		Month	12	12	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3		
		Period	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7		
1	AMUTHA R		✓	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
2	ANTO ANI SULBIYA N		a	✓	✓	✓	✓	✓	✓	✓	✓	a	a	✓	✓	✓	✓	a	✓	✓	✓	✓		
3	DEVADHARSHINI R C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
4	PRIYA K		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓		
5	SONIA SUBASH E		✓	✓	a	✓	✓	a	✓	a	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
6	SUJATHA G		✓	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

HOD

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Sheet3

Annai Vailankanni College of Engineering
Department of Electronics and Communication Engineering
2018 – 2019 (EVEN) Semester
IV ECE
PHYTON PROGRAMMING

S.No.	Name	Date	22	29	2	4	11	22	29	31	6	8	14	16	22	26	5	7	13	15	21	23				
		Month	12	12	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3				
		Period	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7				
1	BHUVANESHWARI R		/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/				
2	GRANAF MINI A		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/				
3	JANCY RANI J		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/				
4	MEENA KAMALI K		/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/				
5	PRINCY CHRISTAL J		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/				
6	VANALAKSHMI P		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/				
7	VELAMMAL M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/				
8	REXIN GEO R		a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a				
9	A.MANIKANDAN		/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/				
10	W.VIVEKBRIGHT		/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/				

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Annai Vallankanni College of Engineering
Department of Electronics and Communication Engineering
2018 – 2019 (EVEN) Semester
II ECE
PYTHON PROGRAMMING

S.No.	Name	Date	29	29	4	4	22	22	31	31	8	8	16	16	26	26	7	7	15	15	23	23	27	27	29	29
		Month	12	12	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
		Period	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	5	6	7	5	6	7	5	6	7	7
1	ABARNA A.F																									
2	ABILASH LAWRANCE.L																									
3	AJEESHA.S																									
4	ANISHA.M																									
5	ANTONY MILLINOR.R																									
6	ASWINI SHIYANA																									
7	BEEENU																									
8	BEMELINE BLENCY LAL																									
9	INDUMATHI A																									
10	ISWARYA R																									
11	JASMIN PRINCY J																									
12	JENISH.J																									
13	MAHALAKSHMI.M																									
14	MONISHA.R.B.																									
15	MUPPIDATHI.C																									
16	MUTHUMARI.P																									
17	MUTHU VISHOK.G																									
18	NAVARANJINI.G.V.																									
19	NITHISH NETHAJI.D																									

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POYYAMOZHI
AZHAGAPPANDIYAPURAM

20	PAVITHRAA		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	PREETHA ROSE.R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	PRINCY.A		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	PUSPHA LATHA T		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	RESHMA S R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	SEELVALA PERIYA M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
26	SHEEJA. S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	SHERIN . S.V		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	SIVA PRAKASH. P		/	/	a	/	/	/	a	/	/	/	a	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
29	SUMITHRA .S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	SAHAYA NIVETHA		a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothalyadi Salai, Pottalkulam, Azhagappapuram P.O- Kanyakumari District Tamil Nadu-629 401

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FORM

Course Name: Python programming

Academic Year: 2018

Student Name: J. Jency Bani

Year/Semester: IV / 7

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	O	●	O
How did you experience the speed or rate at which the training was presented?	O	O	●	O
Can you practically apply the course material to your career?	O	O	●	O
How do you rate the contents of the course material?	O	O	●	O
How would you rate the focus and structure of the course?	O	O	●	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	●	O
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	●	O
How did the facilitator handle questions that were asked?	O	O	●	O
How would you rate their facilitation skills on the whole?	O	O	●	O
Venue				
Was the venue sufficient for the type of training presented?	O	O	●	O

Additional Feedback

How do you rate the training overall?

O O ● O

What aspects of the training could be improved?

PRINCIPAL
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POTTALKULAM
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KANYAKUMARI DIST.

Student Signature

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothaiyadi Salai, Pottalkulam, Azhagappapuram P.O- Kanyakumari District Tamil Nadu-629 401

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FORM

Course Name: Robotics **Academic Year:** 2018-2019 (Even)

Student Name: T. Rama Lakshmi **Year/Semester:** II / IV

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	O	✓	O
How did you experience the speed or rate at which the training was presented?	O	✓	O	O
Can you practically apply the course material to your career?	O	O	✓	O
How do you rate the contents of the course material?	O	O	O	O
How would you rate the focus and structure of the course?	O	✓	O	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	✓	O
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	✓	O
How did the facilitator handle questions that were asked?	O	O	✓	O
How would you rate their facilitation skills on the whole?	O	✓	O	O
Venue				
Was the venue sufficient for the type of training presented?	O	✓	O	O

Additional Feedback

How do you rate the training overall?

O O O ✓

What aspects of the training could be improved?

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KANYAKUMARI DIST.

T. Rama Lakshmi

Student Signature

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothaiyadi Salai, Pottalkulam, Azhagappapuram P.O- Kanyakumari District Tamil Nadu-629 401

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FORM

Course Name: Python programming Academic Year: 2018 - 2019 | Even

Student Name: M. Pavithra Year/Semester: II year 4th sem.

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	O	✓	O
How did you experience the speed or rate at which the training was presented?	O	✓	O	O
Can you practically apply the course material to your career?	O	✓	O	O
How do you rate the contents of the course material?	O	O	✓	O
How would you rate the focus and structure of the course?	O	O	✓	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	✓	O
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	O	O
How did the facilitator handle questions that were asked?	O	✓	O	O
How would you rate their facilitation skills on the whole?	O	O	✓	O
Venue				
Was the venue sufficient for the type of training presented?	O	O	✓	O

Additional Feedback

How do you rate the training overall?

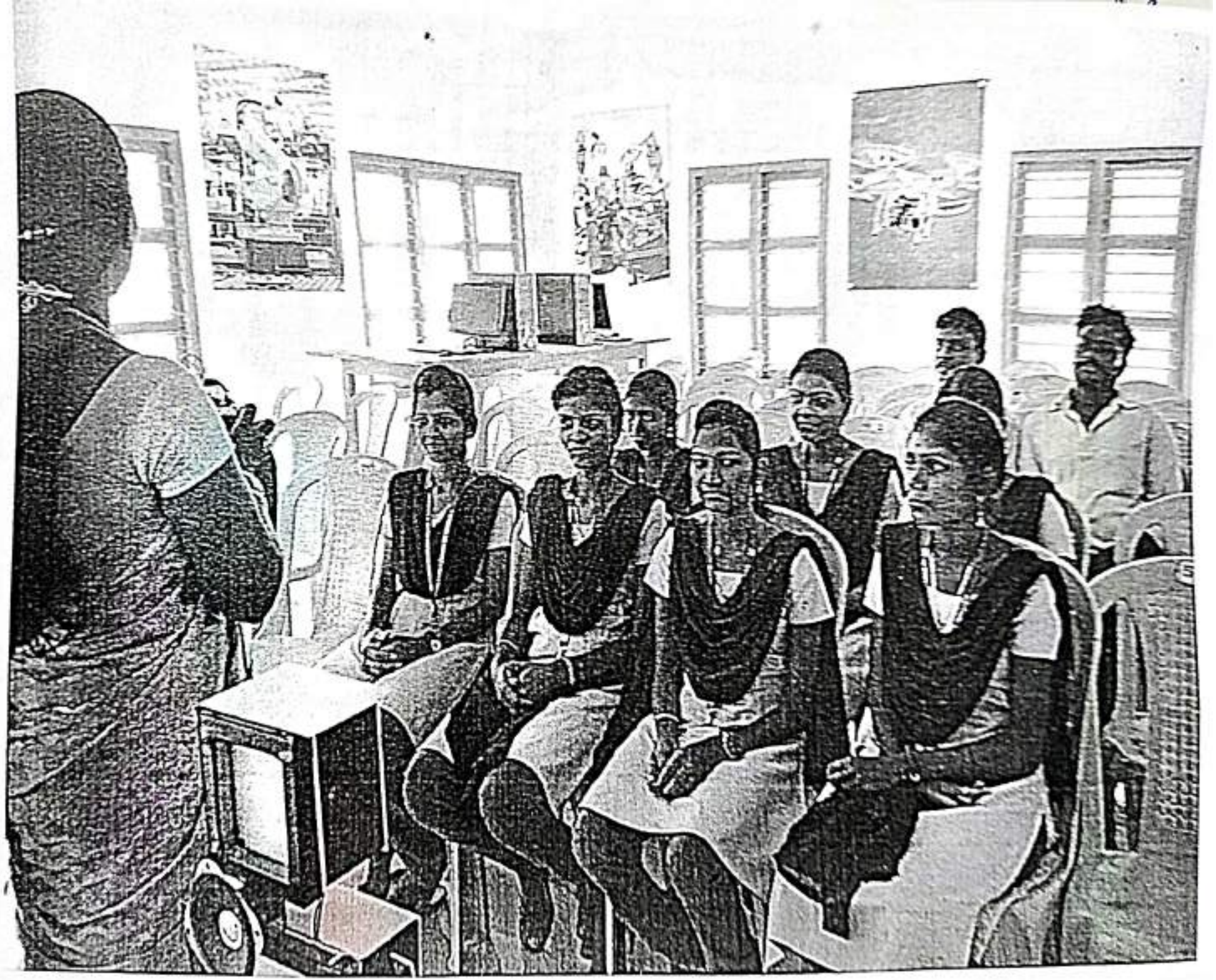
O O ✓ O

What aspects of the training could be improved?

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M. Pavithra
Student Signature





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FORM

Course Name: Python Programming
Academic Year: 2018

Student Name: P. Vanalakshmi
Year/Semester: IV year / 07

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	O	●	O
How did you experience the speed or rate at which the training was presented?	O	●	O	O
Can you practically apply the course material to your career?	O	O	O	●
How do you rate the contents of the course material?	O	O	O	●
How would you rate the focus and structure of the course?	O	O	●	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	O	●
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	●	O
How did the facilitator handle questions that were asked?	O	●	O	O
How would you rate their facilitation skills on the whole?	O	O	●	O
Venue				
Was the venue sufficient for the type of training presented?	O	O	●	O

Additional Feedback

How do you rate the training overall?

O O ● O

What aspects of the training could be improved?

To give more practice for improvement.

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P. Vani
Student Signature

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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that ~~Mr~~/Ms. T. Ramalakshmi, II ECE

of Annai Vailankanni College of Engineering

has attended the Course on Robotics

during the academic Year 2018-2019

CO-ORDINATOR HOD PRINCIPAL

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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. K. Priya, III - ECE

of Annai Vailankanni College of Engineering

has attended the Course on Python Programming

during the academic Year 2018-2019

CO-ORDINATOR HOD PRINCIPAL

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, PothaiyadiSalai,Pottalkulam,AzhagappapuramP.o. Kanyakumari District,Tamil Nadu,629401.

Department of Mechanical Engineering

Academic Year 2018-2019

CIRCULAR Date: 21/12/2018

Ref: From the desk of the Mech HOD/ Mech. Ref No: 2018-2019/ME/VACME05

It is decided to conduct Solid Works Course for II, III & IV Year Mechanical Engineering Students for the academic year 2018-2019. Students are asked to contact their respective Class in charge for the enrolment of the course on or before 29/12/18.The course will be held from 29/3/19 for II, III & IV year Students in Cad Lab (Mechanical Block).

Venue:

CAD Lab (Mechanical Block)

Students are asked to use this opportunity to know more about designing a 3D modelling.

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HOD/Mech

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Academic Year: 2018-2019

Ceter for value Added Courses

Programme Code & Name : 114, Mechanical Engineering

Name of the Course : Solid Works

Year : II, III & IV

Duration of Course : 30 Hrs

SOLID WORKS

Course Code : VACME05 Total Duration: 30 Hrs

COURSE OBJECTIVE:

Solidworks is an engineering software package that allows engineers and designers to create detailed 3-dimensional representations of their ideas. These 3d models can then be used for virtual prototyping and simulation, blueprints or specifications, and photorealistic renders among other things. In this Solidworks basic training course, you will learn the basics of how to create parts, assemblies, and drawings using the Solidworks software package.

COURSE CONTENT:

Introduction to CAD

Features of SolidWorks, Various products available in SolidWorks for Product Design & Assembly Modelling

SolidWorks Graphical User Interface

Feature manager design tree, Callouts, Handles, Confirmation corner, mouse buttons, keyboard shortcuts, Command Manager, Hardware and Software requirements.

Sketch Entities

Inference line, Centerline line, Line, Circle, Arc, Ellipse, Rectangle, Slots, Polygon,

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Ellipse, Partial Ellipse, Spline, Points, Text, Construction geometry

Sketch Tools

Fillet, Chamfer, Offset, Convert entities, Trim, Extend, Mirror, Dynamic Mirror, Move, Copy, Rotate, Scale, Stretch, Sketch pattern Close Sketch To Model, Sketch picture

Relations

Adding Sketch Relation, Automatic relations

Dimensioning

Smart, Horizontal, Vertical, Ordinate, Horizontal ordinate, Vertical ordinate, Align ordinate, Fully define sketch.

Part Modeling Tools - Creating reference planes

Creating Extrude features

Direction1, Direction2, From pption, Thin feature, Applying draft, Selecting contours

Creating Revolve features – Selecting Axis, Thin features, Selecting contours

Creating Swept features - Selecting Profile and Path, Thin feature

Creating Loft features – Selecting Profiles, Guide curves. Selecting geometries – Selection Manager, Multiple Body concepts

Creating Reference - points, axis, coordinates

Creating curves - Split curve, Project curve, Composite curve, Curve through points, Helix and Spiral

Creating Fillet features

Inserting Hole types

Creating Chamfer

Creating Shell

Creating Rib

Creating Pattern - Linear pattern, Circular pattern, Sketch driven pattern, Curve driven pattern, Fill pattern, mirror

Environment & Utilities - Working with views and manipulating views, Trouble shooting

Introduction to Assembly Modeling & Approaches – Top down and Bottom up approach

Applying Standard Mates- Coincident, Parallel, Perpendicular, Tangent, Concentric, Lock, Distance, Angle.

Applying Advanced Mates – Symmetric, Width, Path Mate, Linear/Linear Coupler, Limit Mate.

Applying Mechanical Mates – Cam, Hinge, Gear, Rack Pinion, Screw, Universal Joint.

Manipulating Components - Replacing Components, Rotating Components, Move Components, Collision Detection, Physical Dynamics, Dynamic Clearance, Detecting Interference

Creating Pattern - Assembly Pattern, Mirror

Surface Modeling tools

Creating Extrude, Revolve, Swept, loft, Boundary surface. Inserting Planar Surface, Offset Surface, Radiate Surface, Extending a surface, Surface fill, Ruled Surface, Trimming

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Surface, Mid surface, Replace Face, Delete face, Untrim surface, Knit surface, Thickening a Surface, Move Face

Generating Views

Generating Model View, Projected Views, Inserting Standard 3 View View creation relative to model, Inserting predefined views, Auxiliary Views, Detailed Views, Crop view, Broken –Out Section, Broken Views, Section View, Alternate Position View, Drawing properties

Creating Dimensions

Smart, Horizontal, Vertical, Baseline, Ordinate, Horizontal Ordinate, Vertical Ordinate, Chamfer, Align Collinear/Radial, Align Parallel/Concentric, Model Dimensions, Auto dimension, Annotations, Spell check

Inserting Annotations

Datum Features, Hole Callout, Datum Target, Area Hatch, Balloon, Centre Mark, Centre Lines, Bill Of Materials,, Sheets And Templates, Sheet Format

Sheet Metal Design

Concepts in Sheet metal design bend allowance bend deduction, K-factor Session 16 Inserting Base Flange, Sheet Metal Tab, Edge Flange, Miter Flange, Hem, Jog. Creating Break Corner/Corner Trim, Closed Corners, Rip.

Inserting

Inserting Sketched Bend, Fold/Unfold, Forming Tools. Inserting Cross Break, Welded Corner. Adding Corner Trim, Lofted Trim Conversion Of Solid Body To Sheet Metal

PhotoWorks

Introduction to PhotoWorks, How to render model in PhotoWorks Studio? How to render specified area? How to save image to a specified file? How to apply background and base? Scene editor, How to apply material and decal? Render options

REFERENCEBOOKS:

- Mastering SolidWorks : Matt Lombard
- Machining Simulation Using Solidworks CAM 2018

M.Rel
Course In charge

M.Rel
Course Coordinator

HOD

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AERONAUTICAL - 501 401
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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist - 629 401
DEPARTMENT OF MECHANICAL ENGINEERING
Academic Year 2018 - 2019
Value Added Course

Programme Code & Name: 114 & Mechanical Engineering

Year: IV

Name of the Course: Solid Works

Course in -Charge :

Duration : 30 Hrs

Sl No	Register No	Name of the student	Date	29	29	4	4	5	6	7	8	11	12	13	14	15	18	19	20	21	22	25	26	27	28	29	1	2	3	4	5	6	9	10	11	12	13	16	17	18	19
			Month	10	10	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
			Hours	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	5	6	7	5	6	7	6	7	6	7	6	7	6	7	6	7
1	960115114001	AJILESH RAJA R		/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	960115114002	AJITH P		/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
3	960115114003	AJITHLANGO P		a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	960115114004	ANBARASAN R		/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
5	960115114005	ANTONY SELVA RIYO M		/	/	/	/	/	/	a	a	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	960115114006	ANTONY VINITH JUIN A		/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	a	a	a	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
7	960115114007	ARULRAJ S		/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	a	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	960115114008	ARUN RAJ S		/	/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
9	960115114009	BALAJI S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a

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10	960115114010	CHALS WESLEY M	a a / / /



27	960115114029	SELVAMURUGAN T	
28	960115114030	SIVA V	
29	960115114031	SUBASAMY M	
30	960115114032	SUDALAI RAJ P	
31	960115114033	SUJIN S	
32	960115114034	SURESH M	
33	960115114035	SUYAMBULINGAM A	
34	960115114036	THANISH RAJA R	
35	960115114037	THILAIKAN J	
36	960115114038	THIYAGU T	
37	960115114039	THOMSON E	
38	960115114040	UDAYASEKAR S	
39	960115114041	VIGNESH N	
40	960115114301	ABILASH R S	
41	960115114302	ABINESH R	
42	960115114303	AJAY P R	
43	960115114304	AJITH R	
44	960115114305	ASWIN J	

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AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist – 629 401
DEPARTMENT OF MECHANICAL ENGINEERING
Academic Year 2018-2019
Value Added Course

Programme Code & Name: 114 & Mechanical Engineering **Year: III**

Name of the Course: Solid Works **Course in –Charge :** **Duration : 30 Hrs**

Sl No	Register No	Name of the Student	Date																													
			Month	12	12	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
			Hours	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	5	6	7	5	4	7	3	6	7	7
1	960116114001	ARSARUN K N		/	/	/	/	/	/	a	a	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
2	960116114002	AJITH V		/	/	a	a	/	/	/	/	a	a	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/
3	960116114004	ANISH G		a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	a	a	a	/
4	960116114005	ARUR M		/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	a
5	960116114006	ARUN R V		a	a	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	a
6	960116114007	ASHOK KUMAR M		/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
7	960116114008	ASWIN R V		/	/	a	a	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
8	960116114009	BALA MURUGAN E		/	/	/	/	/	/	/	/	/	/	a	a	a	a	/	/	/	/	a	a	/	/	/	/	/	/	a	a	a	/	/	/
9	960116114010	BALA SUBRAMANIAN A		a	a	/	/	/	/	/	/	/	/	a	a	/	/	/	/	a	a	/	/	/	/	/	/	/	/	a	a	a	/	/	/

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AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist – 629 401
DEPARTMENT OF MECHANICAL ENGINEERING
Academic Year 2018-2019
Value Added Course

Programme Code & Name: 114 & Mechanical Engineering **Year: II**

Name of the Course: Solid Works **Course in –Charge :** **Duration : 30 Hrs**

Sl No	Register No	Name of the student	Date	29	29	1	1	22	28	31	31	8	8	16	16	26	26	7	7	15	15	23	23	24	24	24	24	24	24	24	24	24	24
			Month	12	12	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
			Hours	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	5	6	7	5	4	7	3	8	7	7
1	960117114001	ABINESH R		1	1	1	1	1	1	1	1	a	a	1	1	1	1	a	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	960117114003	ABIRAMA		a	a	1	1	1	1	1	1	1	1	1	1	a	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	a
3	960117114004	AJAY RAJAN R		1	1	a	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	a	a	1	1	1	1	1	1	1	1	1	1	a
4	960117114007	ANANDHU UNNIKRISHNAN		1	1	1	1	1	1	1	1	a	a	a	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	a
5	960117114008	ANISH THOMSON M		a	a	1	1	1	1	1	1	1	1	1	1	1	1	a	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	a
6	960117114009	ANTONY JEROME J		1	1	1	1	a	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	a	a	a	1
7	960117114010	ANTONY VINIS J		1	1	1	1	1	1	1	1	a	a	1	1	1	1	1	1	1	1	a	a	1	1	1	1	1	1	1	1	1	1	a
8	960117114011	ANTO RABY R		1	1	1	1	1	1	1	1	a	a	1	1	1	1	1	1	1	1	a	a	1	1	1	1	1	1	1	1	1	1	a
9	960117114012	ARUNKUMAR M		1	1	a	a	1	1	1	1	1	1	1	1	a	a	1	1	1	1	1	1	a	a	1	1	1	1	1	1	1	1	1

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63	960117114701	ARUL M	
64	960117114702	VISHNU S	
65	960117114313	SIVA D	
66	960117114704	SATHESH R	
67	960117114705	SELVIN KENNADY S	

Course in-charge

Head of the Department

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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. VIGNESH.S

of IV - YEAR MECHANICAL ENGINEERING

has attended the Course on SOLID WORKS

during the academic Year 2018-2019

M. Rat
CO-ORDINATOR

HOD

Vibmmraly
PRINCIPAL

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Certificate

This is to certify that Mr/Ms. ANIS RABY. R

of II YEAR MECHANICAL ENGINEERING

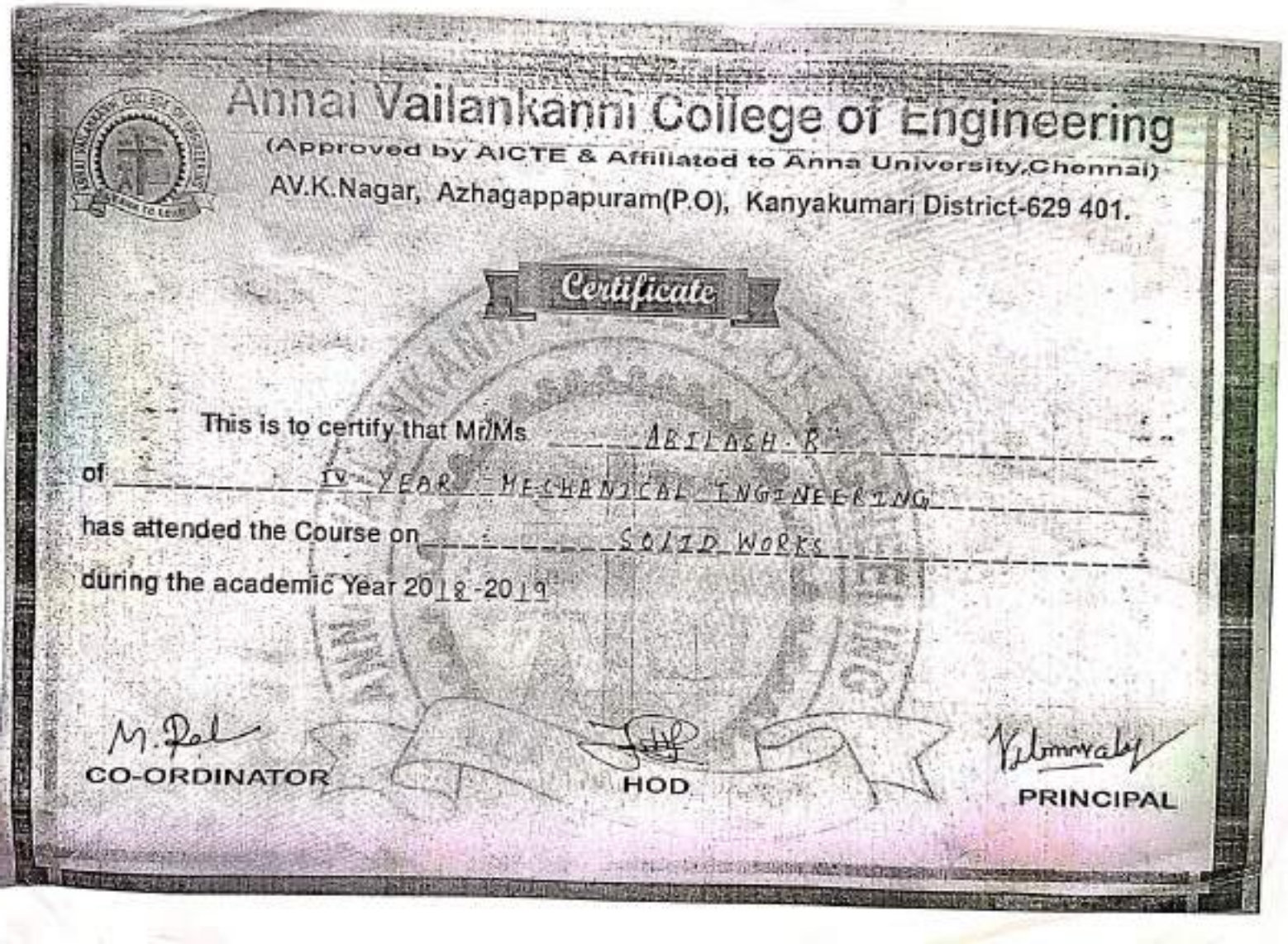
has attended the Course on SOLID WORKS

during the academic Year 2018-2019

M. Pal
CO-ORDINATOR

HOD

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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms ABILASH.R

of IV YEAR MECHANICAL ENGINEERING

has attended the Course on SOLID WORKS

during the academic Year 2018-2019

CO-ORDINATOR

HOD

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DEPARTMENT OF MECHANICAL ENGINEERING

MARK STATEMENT

Year: II Semester: IV

Year: 2018-2019 (ODD&EVEN) Subject Name: Solid Works

No	Register No	Students Name	Test Marks	Viva-Voce	Total Marks
1	960117114001	ABINESH R	75	15	90
2	960117114003	ABIRAM A	73	17	90
3	960117114004	AJAY RAJAN R	70	16	86
4	960117114007	ANANDHU UNNIKRISHNAN	74	14	88
5	960117114008	ANISH THOMSON M	75	15	90
6	960117114009	ANTONY JEROME J	74	15	89
7	960117114010	ANTONY VINIS J	74	17	91
8	960117114011	ANTO RABY R	72	14	86
9	960117114012	ARUNKUMAR M	70	14	84
10	960117114013	ASWIN A	71	15	86
11	960117114014	BALA VIGNESH S	76	16	92
12	960117114015	CINU C	69	16	95

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POTTALKULAM
AZHAGAPPAPURAM
KANYAKUMARI

13	960117114016	CLINTON J	70	15	85
14	960117114017	DHARUMADURAI S	72	16	88
15	960117114018	ERAMIYA C	74	15	89
16	960117114019	FRANKLIN M	70	15	85
17	960117114020	GNANA MOORTHY P	71	14	85
18	960117114021	GOKUL P R	71	12	83
19	960117114022	IVIN R	73	13	86
20	960117114023	JENISH G R	70	15	85
21	960117114024	JENISH L	75	15	90
22	960117114025	JOSEPH ROBINSON C	70	15	85
23	960117114026	KAVTARASAN G	70	15	85
24	960117114027	KRISHNA MOORTHI S	68	17	85
25	960117114028	LEKSHMANAN M	69	17	86
26	960117114030	MAHARAJA M	69	16	85
27	960117114031	MAHESWARAN N	70	14	84
28	960117114033	MARIA RENJITH KUMAR A	70	13	83
29	960117114034	MASANAM S	71	12	83
30	960117114035	MONISH J	72	15	87

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31	960117114036	MUTHUKUMAR M	70	12	82
32	960117114037	PARTHIBAN M	74	11	85
33	960117114038	PRADEEP E	74	11	85
34	960117114039	PRASHANTH P	70	13	83
35	960117114040	PRATHAP S	72	11	83
36	960117114042	RAMALAKSHMI @ LEELAVATHI E	75	14	89
37	960117114043	RAMKUMAR M	76	13	89
38	960117114044	SAJIN N	70	11	81
39	960117114045	SAMSON MATHEW CHACKO	71	14	85
40	960117114046	SANJU C	72	13	85
41	960117114047	SATHEESH KUMAR M	70	13	83
42	960117114048	SATHESH S	68	15	83
43	960117114049	SATHISH KUMAR A	65	16	81
44	960117114050	SELVA JEROLD J	70	15	85
45	960117114051	SELVA LINGSON R	69	15	84
46	960117114052	SELVENDRAN Y	71	13	84
47	960117114053	SHAJU A S	72	12	84
48	960117114054	SHAJU S	73	14	87

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49	960117114055	SHAJUMON S	68	15	83
50	960117114056	SIVA S	71	11	82
51	960117114057	SIVABALAN M	74	11	85
52	960117114058	SRI GANESH C	69	16	85
53	960117114059	SRI SANJAI S	69	15	84
54	960117114061	SUBBURAYALU M	70	12	82
55	960117114062	SUBRAMANIYAN M	71	13	84
56	960117114063	SUJITH P	70	11	81
57	960117114064	SURYA M	70	13	83
58	960117114065	SUTHAN M	69	15	84
59	960117114066	VASUNAMBI RAJAN K	72	11	83
60	960117114067	VIGNESH G	74	10	84
61	960117114068	VIJAY R	65	16	81
62	960117114069	WINSON I	68	15	83
63	960117114701	AJITH M	67	15	82
64	960117114702	VISHNU S	70	11	81
65	960117114313	SIVA D	74	12	86
66	960117114704	SATHESH R	70	13	83

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67	960116114703	SELVIN KINNADY S	70	13	83

M. Pal
Course in-charge

Head of the Department

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
AVK Nagar, PothaiyadiSalai,Pottalkulam,Azhagappapuram P.O, Kanyakumari District,Tamil Nadu,629401.

DEPARTMENT OF MECHANICAL ENGINEERING

MARK STATEMENT

Year: III Semester: VI

Year:2018-2019 (ODD&EVEN) Subject Name: Solid Works

No	Register No	Students Name	Test Marks	Viva-Voce	Total Marks
1	960116114001	ABSARIN K N	68	15	83
2	960116114002	AJITH V	70	13	83
3	960116114004	ANISH G	72	11	83
4	960116114005	ARUL M	69	15	84
5	960116114006	ARUN K V	70	12	82

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KANYAKUMARI DIST.

6	960116114007	ASHOK KUMAR AL	69	15	84
7	960116114008	ASWINI R V	70	12	82
8	960116114009	BALA MURUGAN E	70	10	80
9	960116114010	BALA SUBRAMANIAN A	68	15	83
10	960116114014	CHINNA DURAI K	73	14	87
11	960116114015	GANESH RAJ S	75	12	87
12	960116114016	HARI BABU R	74	11	85
13	960116114017	HARIHARAN O	70	11	81
14	960116114018	INBA KUMAR E	72	12	84
15	960116114019	LAKSHMANAN	64	15	79
16	960116114020	MAGESH M	65	16	81
17	960116114024	MARI SELVAM S	69	16	85
18	960116114025	MATHI RAJ M	70	15	85
19	960116114027	MELGIN RICH	72	12	84
20	960116114029	MURUGESH R	69	12	81
21	960116114030	PARTHIBAN H	68	14	82
22	960116114031	PRADEEPKUMAR A	72	13	85
23	960116114032	PRASANTH I	74	11	85

ANNAI VEILANKANNI ... ENGINEERING
... AZHAGAPPURAM - 629 851
... DIST.

24	960116114033	PRATHAP S	72	11	83
25	960116114034	PRIYA DARSHINI M	74	12	86
26	960116114036	RAHUL P	71	11	82
27	960116114037	RAHUL M	70	12	82
28	960116114038	RAMKUMAR R	69	14	83
29	960116114039	RICHARD NOVA Y	70	11	81
30	960116114040	Rohit Kumar	68	15	83
31	960116114041	SABARISH A	69	14	83
32	960116114042	SAIVAVA KIRAN	70	12	82
33	960116114043	SAMUEL J	70	13	83
34	960116114045	SARATH M	67	15	82
35	960116114047	SATHIA SIVAM M	72	12	84
36	960116114048	SHENIVASADURAI	71	11	82
37	960116114701	ANOOF M	68	16	84
38	960116114302	ANTONY NIVIN A	71	15	86
39	960116114303	ANTO VINISH S	72	11	83
40	960116114304	ARUN PRAKASH S	69	16	85
41	960116114305	ARUN PRAVIN M P	69	15	84

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42	960116114306	DINO SNOWS VALAN DAS M	70	11	81
43	960116114307	MAHARAJAN A	75	12	87
44	960116114308	MESWIN MARIA JENITH N	71	11	82
45	960116114309	SEBASTIN MARSHAL G	69	15	84
46	960116114310	SURESH NADAR	70	12	82
47	960116114311	VIGNESH S	68	16	84

M. Rel
Course in-charge

Head of the Department

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
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KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, PothaiyadiSalai,Pottalkulam,Azhagappapuram P.O, Kanyakumari District,Tamil Nadu,629401

DEPARTMENT OF MECHANICAL ENGINEERING

MARK STATEMENT

Year: IV Semester: VIII

Year:2018-2019 (ODD&EVEN) Subject Name: Solid Works

No	Register No	Students Name	Test Marks	Viva-Voce	Total Marks
1	960115114001	AJIESH RAJA R	74	12	86
2	960115114002	AJITH P	70	11	81
3	960115114003	AJITHLANGO P	71	11	82
4	960115114004	ANBARASAN R	70	12	82
5	960115114005	ANTONY SELVA RIYO M	70	11	81
6	960115114006	ANTONY VINITH JIJIN A	68	15	83
7	960115114007	ARULRAJ S	69	16	85
8	960115114008	ARUN RAJ S	65	17	82
9	960115114009	BALAJI S	66	16	82
10	960115114010	CHALS WESLEY M	71	13	84
11	960115114011	DINESH R	72	11	83
12	960115114013	JEYAGANESH K	69	16	85

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13	960115114014	JOHN R J	69	15	84
14	960115114015	LIJIN ASSISI P	71	12	83
15	960115114016	MANIKANDAN M	72	11	83
16	960115114017	MANOJ B	69	16	85
17	960115114018	MARSHELABISHEAK I J	70	11	81
18	960115114019	MAYANDI S	69	16	85
19	960115114020	MICHAEL PRADEEP J	68	16	84
20	960115114021	MOORTHI V	71	11	82
21	960115114022	NAVEEN KUMAR P	69	16	85
22	960115114023	PRASANTH R	69	15	84
23	960115114024	PRATHEESH S	70	12	82
24	960115114025	PRAVIN N	71	11	82
25	960115114026	RAMESHKUMAR M	70	10	80
26	960115114027	RANJITH KUMAR	74	13	87
27	960115114029	SELVA MURUGAN T	70	14	84
28	960115114030	SIVA V	72	11	83
29	960115114031	SUBASAMY M	74	12	86
30	960115114032	SUDALAI RAJ P	70	11	81

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31	960115114033	SUBIN S	69	15	84
32	960115114034	SURESH M	74	11	85
33	960115114035	SUYAMBULINGAM A	71	12	83
34	960115114036	THANISH RAJA R	69	15	84
35	960115114037	THILAIKAN J	70	14	84
36	960115114038	THIYAGU T	74	10	84
37	960115114039	THOMSON E	75	13	88
38	960115114040	UDAYASEKAR S	75	11	86
39	960115114041	VIGNESH N	75	15	90
40	960115114301	ABILASH R S	71	15	86
41	960115114302	ABINESH R	73	14	87
42	960115114303	AJAY P R	69	13	82
43	960115114304	AJITH K	68	14	82
44	960115114305	ASWIN J	69	15	84
45	960115114306	JOEL VAIJU S	70	13	83
46	960115114307	KAMALESH R	71	11	82
47	960115114308	VIVEK S	68	15	83
48	960115114701	ASWIN CLINTON G	69	16	85

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AZHAGAPPAPURAM - 629 401

49	960115114702	STALIN RAJA G	69	16	85
50	960115114703	JOSEPH VENUS S	73	12	85

M. Rel

Course in-charge

Head of the Department

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist - 629 401

DEPARTMENT OF CIVIL ENGINEERING

Course Feedback Form

Name of the student : Sajin .N

Course title : Solid works

Academic year 2018-2019 Semester 04th

1. Were objectives of the course clear to you? Y ☑ / N ☐
2. Has the faculty covered entire syllabus as prescribed by university ? Y ☑ / N ☐
3. Has the faculty covered relevant topics beyond syllabus? Y ☑ / N ☐
4. The course contents met with your expectations
   Strongly disagree ☐ Strongly agree ☑
5. The lecture sequence was well planned
   Strongly disagree ☐ Strongly agree ☑
6. The course exposed to new knowledge and practices
   Strongly disagree ☐ Strongly agree ☑
7. The course contents compared with your expectations
   Too theoretical ☐ Too empirical ☑
8. The lectures were clear and easy to understand
   Strongly disagree ☐ Strongly agree ☑
9. The teaching aids were effectively used
   Strongly disagree ☐ Strongly agree ☑
10. The instructors encouraged interaction and were helpful
    Strongly disagree ☐ Strongly agree ☑
11. The course material handed out was adequate
    Strongly disagree ☐ Strongly agree ☑

12. Any other suggestions:

It is very useful and very Good.

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POTTALKULAM
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KANYAKUMARI DIST.

N. Sajin.
Signature of the Student

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist - 629 401

DEPARTMENT OF CIVIL ENGINEERING

Course Feedback Form

Name of the student : Rahul P

Course title : Solid works

Academic year 2018 - 2019 Semester 06

1. Were objectives of the course clear to you? Y ☑ / N ☐
2. Has the faculty covered entire syllabus as prescribed by university ? Y ☑ / N ☐
3. Has the faculty covered relevant topics beyond syllabus? Y ☑ / N ☐
4. The course contents met with your expectations

   Strongly disagree ☐ Strongly agree ☑
5. The lecture sequence was well planned

   Strongly disagree ☐ Strongly agree ☑
6. The course exposed to new knowledge and practices

   Strongly disagree ☐ Strongly agree ☑
7. The course contents compared with your expectations

   Too theoretical ☐ Too empirical ☑
8. The lectures were clear and easy to understand

   Strongly disagree ☐ Strongly agree ☑
9. The teaching aids were effectively used

   Strongly disagree ☐ Strongly agree ☑
10. The instructors encouraged interaction and were helpful

    Strongly disagree ☐ Strongly agree ☑
11. The course material handed out was adequate

    Strongly disagree ☐ Strongly agree ☑

Any other suggestions:

This Course is very useful to me. Explaining method and teaching is very attracting and easily understandable. I have learnt a lot of new skills in the Course.

Rahul P.
Signature of the Student

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POTTALKULAM
AZHAGAPPAPURAM

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pottalkulam, Azhagappapuram Post, K.K.Dist - 629 401

DEPARTMENT OF CIVIL ENGINEERING

Course Feedback Form

Name of the student : Ajith.k

Course title : Solid works

Academic year 2010 - 2011 Semester 08

1. Were objectives of the course clear to you? Y ☑ / N ☐
2. Has the faculty covered entire syllabus as prescribed by university ? Y ☑ / N ☐
3. Has the faculty covered relevant topics beyond syllabus? Y ☑ / N ☐
4. The course contents met with your expectations
   Strongly disagree ☐ Strongly agree ☑
5. The lecture sequence was well planned
   Strongly disagree ☐ Strongly agree ☑
6. The course exposed to new knowledge and practices
   Strongly disagree ☐ Strongly agree ☑
7. The course contents compared with your expectations
   Too theoretical ☐ Too empirical ☑
8. The lectures were clear and easy to understand
   Strongly disagree ☐ Strongly agree ☑
9. The teaching aids were effectively used
   Strongly disagree ☐ Strongly agree ☑
10. The instructors encouraged interaction and were helpful
    Strongly disagree ☐ Strongly agree ☑
11. The course material handed out was adequate
    Strongly disagree ☐ Strongly agree ☑
12. Any other suggestions:

This course is very useful to me. It is easy to understand for me. It will give me a confident for the job work.

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM

Signature of the Student

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothaiyadi Salai,Pottalkulam,Azhagappapuram P.o, Kanyakumari District,Tamil Nadu,629401.

Department of Civil Engineering

Academic Year 2018-2019(ODD)

CIRCULAR

DATE: 2/11/18

Ref:From the desk of the civil HOD/Civil.,Ref No:2018-2019/ODD/CE/STADD PRO02

It is decided to conduct Course for IV Year Civil Engineering Students for the academic year 2018-19. Students are asked to contact their respective Class in charge for the enrolment of the course on or before 8/11/18 .The course will be held from 19/11/18 for IV year in Cad Lab (Mechanical Block) .

Venue: Cad Lab (Mechanical Block)

For IV Year –CAD Lab (3th and 4th hour,day order 5)

Students are asked to use this opportunity to know more about designing a structure.

ALL THE BEST

Head Of The Department/Civil

ANNAI VAILANKANNI COLLEGE OF ENGINEERING POTTALKULAM AZHAGAPPAPURAM P.O KANYAKUMARI DISTRICT 629 401

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothaiyadi Salai,Pottalkulam,Azhagappapuram P.o, Kanyakumari District,Tamil Nadu,629401

DEPARTMENT OF CIVIL ENGINEERING

Academic Year2018-2019

Cetre for value Added Courses

Programme Code & Name : **103,Civil Engineering**

Name of the Course : **STADD PRO**

Year : **IV**

Duration of Course : **30 Hrs**

Course Content

1.Introduction

2.Elements of the STADD PRO Screen

3.Starting a New Project

4.Defining Structure Geometry /Modelling

5.Setting the Project unit

6.Assigning Members Specification

7.How to specify member Specification

8.Additional Member Specification

9.Assingning support

10.Assingning Loads

11.Creating the first Load Case

12. Creating the Second Load Case

13. Creating the Combination Load Case

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14.Performing the Analysis

15.Design

16.Design Viewing the OutPut File

17.Preparing Structural Drawings

Course in-charge

Coordinator

Head of the Department

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POTTALKULAM
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ANNAI VAILANKANNI COLLEGE OF ENGINEERING

Azhagappapuram P.O, Kanyakumari District,Tamil Nadu,629401.

DEPARTMENT OF CIVIL ENGINEERING

Centre for value Added Courses

Class : IV

Year :2018-2019 (ODD)

Semester:07

Name of the course: STADD PRO

Duration : 30 Hrs

S.No	Register No	Students Name	MONTH																																				
			DATE	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
				19	19	20	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
			HOUR	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	
1	960115103001	C.Elavarasan		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	960115103002	J.Jobin		✓	✓	✓	✓	✓	✓	a	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	960115103003	D.R.Monisha		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	960115103004	K.Ramkumar		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	960115103005	K.Ramya		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	a	✓	✓	✓	✓	✓	a	a								
6	960115103301	A.Abinesh		✓	✓	✓	✓	✓	a	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Course in-charge

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Head of the department

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

Year: 2018 - 2019 Semester: 07

Course Name: MARK STATMENT

Year:2018-2019(ODD&EVEN)

Sl.No	Register No	Name of the student	Test Mark	Viva-Voce	Total Mark
1	960115103001	C.Elavarasan	63	10	73
2	960115103002	J.Jobin	61	12	73
3	960115103003	D.R.Monisha	71	15	86
4	960115103004	K.Ramkumar	64	14	78
5	960115103005	K.Ramya	70	13	83
6	960115103301	A.Abinesh	70	10	80

Course Incharge

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 625 401
RAMANATHAPURAM DIST.

HOD

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothaiyadi Salai, Pottalkulam, Azhagappapuram P.O- Kanyakumari District Tamil Nadu-629 401

DEPARTMENT OF CIVIL ENGINEERING

FEEDBACK FORM

Course Name: STAND 220

Student Name: C-Elavarasan

Academic Year: 2018-2019

Year/Semester: IV / 07

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	O	✓	O
How did you experience the speed or rate at which the training was presented?	O	O	✓	O
Can you practically apply the course material to your career?	O	O	✓	O
How do you rate the contents of the course material?	O	O	O	✓
How would you rate the focus and structure of the course?	O	O	✓	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	O	✓
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	O	✓
How did the facilitator handle questions that were asked?	O	O	✓	O
How would you rate their facilitation skills on the whole?	O	O	✓	O
Venue				
Was the venue sufficient for the type of training presented?	O	O	✓	O

Additional Feedback

How do you rate the training overall?

O O ✓ O

What aspects of the training could be improved?

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KANYAKUMARI DIST.

C. Elavarasan
Student Signature

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothaiyadi Salai, Pottalkulam, Azhagappapuram P.O- Kanyakumari District Tamil Nadu-629 401

DEPARTMENT OF CIVIL ENGINEERING

FEEDBACK FORM

Course Name: Staad Pro

Student Name: A. Abinesh

Academic Year: 2018 – 2019

Year/Semester: IV / 07

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	O	✓	O
How did you experience the speed or rate at which the training was presented?	O	O	✓	O
Can you practically apply the course material to your career?	O	O	✓	O
How do you rate the contents of the course material?	O	O	✓	O
How would you rate the focus and structure of the course?	O	O	✓	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	O	✓
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	O	✓
How did the facilitator handle questions that were asked?	O	O	✓	O
How would you rate their facilitation skills on the whole?	O	O	✓	O
Venue				
Was the venue sufficient for the type of training presented?	O	O	✓	O

Additional Feedback

How do you rate the training overall?

O	O	✓	O

What aspects of the training could be improved?

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A. Abinesh
Student Signature

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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. D.R.MONISHA

of DEPARTMENT OF CIVIL ENGINEERING

has attended the Course on STAAD PRO

during the academic Year 2018 -2019

CO-ORDINATOR HOD PRINCIPAL

Annai Vailankanni College of Engineering

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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. K.RAMYA

of DEPARTMENT OF CIVIL ENGINEERING

has attended the Course on STAAD PRO

during the academic Year 2018 -2019

CO-ORDINATOR HOD PRINCIPAL

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, PothaiyadiSalai,Pottalkulam,AzhagappapuramP.o, Kanyakumari District,Tamil Nadu,629401.

Department of Computer Science and Engineering

Academic Year 2018-2019

CIRCULAR **Date: 27/6/2018**

Ref: From the desk of the CSE HOD/ CSE. Ref No: 2018-209/CSE/ CS1801-CS1805

It is decided to conduct **Value Added** Course for II, III & IV Year Computer Science and Engineering Students for the academic year 2018-2019. Students are asked to contact their respective Class in charge for the enrolment of the course on or before 29/6/2018.The course will be held from 2/7/2018 for II, III & IV year Students in Computer LAB.

Venue:

Computer Lab

Students are asked to use this opportunity to improve their knowledge.

ALL THE BEST

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HOD/CSE

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KANYAKUMARI DIST.

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AVK Nagar,Pothayadi Salai Pottalkulam Azhgappapuram p.o 629401
DEPARTMENT OF PLACEMENT & TRAINING
CENTRE FOR VALUE ADDED COURSES

Subject Code : PTVC022 **Subject Name: Java Programming**

JAVA – PART I

Basics of Java

Java - What, Where and Why?
History and Features of Java
Internals of Java Program
Difference between JDK,JRE and JVM
Internal Details of JVM
Variable and Data Type
Unicode System
Naming Conventio

OOPS Conecpts

Advantage of OOPs
Object and Class
Method Overloading
Constructor
static variable, method and block
this keyword
Inheritance (IS-A)
Aggregation and Composition(HAS-A)
Method Overriding
Covariant Return Type
super keyword
Instance Initializer block
final keyword
Runtime Polymorphism
static and Dynamic binding
Abstract class and Interface
Downcasting with instanceof operator
Package and Access Modifiers
Encapsulation
Object class
Object Cloning
Java Array
Call By Value and Call By Reference
strictfp keyword
Creating API Document

String : What and Why?

Immutable String
String Comparison
String Concatenation
Substring
Methods of String class
StringBuffer class
StringBuilder class
Creating Immutable class
toString method

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Exception Handling

Exception Handling : What and Why?
try and catch block
Multiple catch block
Nested try
finally block
throw keyword
Exception Propagation
throws keyword
Exception Handling with Method Overriding
Custom Exception

Nested Classes

Nested Class : What and Why?
Member Inner class
Annonymous Inner class
Local Inner class
static nested class
Nested Interface

Multithreading

Multithreading : What and Why?
Life Cycle of a Thread
Creating Thread
Thread Schedular
Sleeping a thread
Joining a thread
Thread Priority
Daemon Thread
Thread Pooling
Thread Group
ShutdownHook
Performing multiple task by multiple thread
Garbage Collection
Runnable class

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Synchronization

Synchronization : What and Why?
synchronized method
synchronized block
static synchronization
Deadlock
Inter-thread Communication
Interrupting Thread

Input and output

FileOutputStream & FileInputStream
ByteArrayOutputStream
SequenceInputStream
BufferedOutputStream & BufferedInputStream
FileWriter & FileReader
CharArrayWriter
Input from keyboard by InputStreamReader
Input from keyboard by Console
Input from keyboard by Scanner
PrintStream class
PrintWriter class
Compressing and Uncompressing File
Reading and Writing data simultaneously
DataInputStream and DataOutputStream
StreamTokenizer class

Serialization

Serialization & Deserialization
Serialization with IS-A and Has-A
transient keyword

Networking

Socket Programming
URL class
Displaying data of a web page
InetAddress class
DatagramSocket and DatagramPacket
Two way communication.

AWT and EventHandling

AWT Controls
Event Handling by 3 ways
Event classes and Listener Interfaces
Adapter classes
Creating Games and Applications

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LayoutManagers

- BorderLayout
- GridLayout
- FlowLayout
- BoxLayout
- CardLayout

Applet

- Life Cycle of Applet
- Graphics in Applet
- Displaying image in Applet
- Animation in Applet
- EventHandling in Applet
- JApplet class
- Painting in Applet
- Digital Clock in Applet
- Analog Clock in Applet
- Parameter in Applet
- Applet Communication
- Creating Games

Collection

- Collection Framework
- ArrayList class
- LinkedList class
- ListIterator interface
- HashSet class
- LinkedHashSet class
- TreeSet class
- PriorityQueue class
- ArrayDeque class
- Map interface
- HashMap class
- LinkedHashMap class
- TreeMap class
- Hashtable class
- Comparable and Comparator
- Properties class

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JAVA – PART III

Swing

Basics of Swing
JButton class
JRadioButton class
JTextArea class
JComboBox class
JTable class
JColorChooser class
JProgressBar class
JSlider class
Digital Watch
Graphics in swing
Displaying Image
Edit Menu for Notepad
Open Dialog Box
Creating Notepad
Creating Games and applications

JDBC

JDBC Drivers
Steps to connect to the database
Connectivity with Oracle
Connectivity with MySQL
Connectivity with Access without DSN
DriverManager
Connection interface
Statement interface
ResultSet interface
PreparedStatement
ResultSetMetaData
DatabaseMetaData
Storing image
Retrieving image
Storing file
Retrieving file
Stored procedures and functions
Transaction Management
Batch Processing
JDBC New Features
Mini Project

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Exception Handling

Exception Handling : What and Why?
try and catch block
Multiple catch block
Nested try
finally block
throw keyword
Exception Propagation
throws keyword
Exception Handling with Method Overriding
Custom Exception

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Annonymous Inner class
Local Inner class
static nested class
Nested Interface

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Multithreading : What and Why?
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DEPARTMENT OF PLACEMENT & TRAINING

CENTRE FOR VALUE ADDED COURSES

ENGLISH LANGUAGE TRAINING (ELT) SYLLABUS

UNIT	TITLE	PERIODS
I	Self- Introduction: Written and oral having given a sample format	02
II	Introduction to Tenses- with emphasize on the structured formula- giving them commonly used verbs with four forms and with Tamil meaning and making right sentences.	04
III	Situation Role Play	03
IV	Building paragraphs	03
V	Interview Skills: Group Discussion and Mock interview	03

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Avvaiyar, Pottalkualm, Azhagappapuram P.O.kanyakumari District, Tamil Nadu – 629 401

Department of Computer Science & Engineering

II CSE Name list

RollNo	Name
17RCS001	ABISHA NEYA I
17RCS002	AJITHRA S
17RCS004	AMIRTHAM P
17RCS005	ANANDA ARASU T
17RCS006	ANGELIN MARY G
17RCS007	ANJELIN THARSHINI A
17RCS008	ANJU P
17RCS009	ANUSUYA A
17RCS011	ASHTALAKSHMI M
17RCS012	GOKUL VISWANTH
17RCS014	GOWRI JEBA REENA J
17RCS015	JENISH K
17RCS016	JENISHA R J
17RCS018	JUBIN JOSEPH MATHEW
17RCS021	MAHESWARI M
17RCS022	MAKESHWARI B
17RCS023	MAMTHA V
17RCS024	MICHEAL JASMINE SINDHIYA E
17RCS025	MUKESH S
17RCS026	MUTHU MONISHA M
17RCS028	RAJA LAKSHMI M
17RCS029	RAJANI CHRISH S
17RCS030	REVATHI P
17RCS031	ROHINI N
17RCS032	SAHAYA JENIBA Y
17RCS033	SAHAYA KALAI SELVI B
17RCS034	SAJIN C L
17RCS035	SANTHINI K
17RCS036	SATHISH KUMAR D
17RCS037	SATHYA M
17RCS038	SENAGA S
17RCS039	SHERLIN BENCY B
17RCS040	SINDHU V
17RCS041	SIVA P
17RCS042	SNEKA S

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17RCS043	SOBANA E
17RCS044	SREEJITH R S
17RCS045	SUBHA KANI S
17RCS046	SUNITHA T
17RCS047	SURESH L
17RCS048	SWATHY C
17RCS049	THANAPATTU T
17RCS050	VALLIMAYIL A
17RCS051	VIJAYA ROHINI C
17RCS052	VISHALACHI M
18TRCS053	VAISHALI S
18LECS066	DHARANI S.L

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Department of Computer Science & Engineering

III CSE Name List

RollNo	Name
16RCS001	ABISHA BARMI
16RCS005	ANTONY NIMITHA S
16RCS006	ARUN BENNY
16RCS008	ASWITHA T
16RCS011	DIVYA M
16RCS012	FEMIL SHANI
16RCS015	JEEVAN JEDLY G
16RCS016	MEKALA DEVI
16RCS018	PAVITHRA A
16RCS022	REENA
16RCS024	SAHAYA JESSE MONISHA
16RCS025	SANGEETHA E
16RCS027	SHYJU R
16RCS029	THARANYA M
16LCS031	JERIN RAJ.C
16LCS033	VIJU.M
16RECS034	R.J.JENISH

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DEPARTMENT OF PLACEMENT & TRAINING

CENTRE FOR VALUE ADDED COURSES

ENGLISH LANGUAGE TRAINING (ELT) SYLLABUS

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V	Interview Skills: Group Discussion and Mock interview	03

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AVK Nagar,Pottalkualm, Azhagappapuram P.O.kanyakumari District, Tamil Nadu – 629 401

Department of Computer Science & Engineering

IV CSE Name list

S.NO	RollNo	Name
1	15RCS002	DHURGA S
2	15RCS004	MANJU S
3	15RCS005	NISHA M
4	15RCS006	PABITHA M
5	15RCS007	PRATHISHA B
6	15RCS008	RAJENDRA ASHMI R V
7	15RCS009	RESHMA RAJAN
8	15RCS011	SATNI GEORGE PREMI J
9	15RCS012	SHERIN PRIYA DHARSHINI K
10	15RCS013	SOWMYA R
11	15RCS014	VIMAL DHAS S
12	16LCS017	RESHMA R

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II CSE ELT Attendance Academic year 2018-19 ODD & EVE

SNo	RollNo	Name	6/7	10/7	24/7	1/8	13/8	27/8	4/9	14/9	25/9	4/10	12/10	23/10	8/11	22/11	30/11	6/12	14/12	21/12	28/12	11/1	19/1
			7	7	7	7	7	7	7	7	7	7	7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7
1	17RCS001	ABISHA NEYA I	/	/	/	/	/	/	/	a	/	/	a	a	/	/	/	/	/	/	/	a	/
2	17RCS002	AJITHRA S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
3	17RCS004	AMIRTHAM P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	17RCS005	ANANDA ARASU T	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
5	17RCS006	ANGELIN MARY G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
6	17RCS007	ANJELIN THARSHINI A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	17RCS008	ANJU P	/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/
8	17RCS009	ANUSUYA A	/	/	/	a	/	/	/	/	/	/	/	a	/	/	/	a	/	/	/	/	/
	17RCS011	ASHTALAKSHMI M	/	/	a	a	a	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
10	17RCS012	GOKUL VISWANTH	/	a	/	/	a	a	/	a	/	/	/	a	/	/	/	a	/	/	/	a	a
11	17RCS014	GOWRI JEBA REENA J	/	a	/	/	/	/	a	a	/	/	/	a	/	a	a	a	a	a	a	a	a
12	17RCS015	JENISH K	/	/	a	/	/	/	/	a	/	/	a	a	/	a	a	/	a	a	a	a	a
13	17RCS016	JENISHA R J	/	/	/	/	/	/	/	/	a	/	/	a	/	/	/	a	/	/	/	/	/
14	17RCS018	JUBIN JOSEPH MATHEW	/	a	/	/	a	a	/	a	/	/	/	a	/	/	/	/	/	/	/	/	/
15	17RCS021	MAHESWARI M	/	/	/	/	a	/	/	/	/	/	/	a	/	/	a	/	/	/	/	a	a
16	17RCS022	MAKESHWARI B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	17RCS023	MAMTHA V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	17RCS024	MICHEAL JASMINE SHRUTHI E	/	a	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
19	17RCS025	MUKESH S	a	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
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KANYAKUMARI DIST.

	17RCS026	MUTHU MONISHA M	a	a												a										
	17RCS028	RAJA LAKSHMI M													a									a	a	
22	17RCS029	RAJANI CHRISH S													a											
23	17RCS030	REVATHI P									a	a										a				
24	17RCS031	ROHINI N																								
25	17RCS032	SAHAYA JENIBA Y	a					a			a		a								a	a	a			a
26	17RCS033	SAHAYA KALAI SELVI B	a				a				a		a		a											
27	17RCS034	SAJIN C L									a	a	a						a							
28	17RCS035	SANTHINI K																	a							
29	17RCS036	SATHISH KUMAR D									a								a							
30	17RCS037	SATHYA M																								
31	17RCS038	SENAGA S													a				a							
32	17RCS039	SHERLIN BENCY B									a	a	a													
33	17RCS040	SINDHU V																	a							
34	17RCS041	SIVA P	a				a																			a
35	17RCS042	SNEKA S		a																						
36	17RCS043	SOBANA E	a								a	a														
37	17RCS044	SREEJITH R.S									a	a	a		a				a		a					
38	17RCS045	SUBHA KANI S	a													a										
39	17RCS046	SUNITHA T																								
40	17RCS047	SURESH L								a	a	a	a		a	a	a	a	a							
41	17RCS048	SWATHY C																								
42	17RCS049	THANAPATTU T	a							a														a		
43	17RCS050	VALLIMAYIL A																								
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45	17RCS052	VISHALACHI M				a													a					a		
46	18TRCS053	VAISHALI S			a	a																				
47	18LECS054	Tharani	a	a	a	a	a	a								a										

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
PORTALUR

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

II CSE HTML & C Attendance Academic Year 2018-19 ODD

SNo	RollNo	Name	Date	2/7	5/7	20/7	23/7	30/7	31/7	7/8	9/8	23/8	24/8	2/9	12/9	24/9	3/10	11/10	29/12	4/1	11/1	25/1	2/2	11/2	EVE 18/2
			Period	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5,6,7	5,6	5,6	5,6	5,6	5,6	5,6
1	17RCS001	ABISHA NEYA I		a	/	/	/	/	/	/	a	a	/	/	/	/	/	/	a	a	/	/	/	/	/
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3	17RCS004	AMIRTHAM P		/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
4	17RCS005	ANANDA ARASU T		/	/	/	/	/	/	/	/	a	/	a	/	/	/	/	/	/	/	/	/	/	/	/
5	17RCS006	ANGELIN MARY G		/	/	/	/	/	/	/	/	/	a	/	a	/	/	/	a	/	/	/	/	/	/	/
6	17RCS007	ANJELIN THARSHINI A		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
7	17RCS008	ANJU P		/	/	/	/	/	/	/	/	/	a	/	a	/	/	/	/	/	/	/	/	/	/	/
8	17RCS009	ANUSUYA A		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
9	17RCS011	ASHTALAKSHMI M		/	/	/	a	a	a	a	a	a	a	/	/	/	/	/	a	/	a	/	/	/	/	/
10	17RCS012	GOKUL VISWANTH		a	/	a	/	/	/	/	/	a	a	/	/	a	/	/	a	a	/	/	/	/	/	/
11	17RCS014	GOWRI JEBA REENA J		/	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	a	a	a	a
12	17RCS015	JENISH K		/	a	/	a	/	a	/	/	a	a	a	a	/	/	a	/	a	a	a	a	a	a	/
13	17RCS016	JENISHA R J		/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	a	/
14	17RCS018	JUBIN JOSEPH MATHEW		a	/	/	/	/	/	a	a	a	a	/	/	a	/	/	a	/	/	/	/	/	/	a
15	17RCS021	MAHESWARI M		/	/	/	/	/	/	a	/	/	a	/	a	/	/	/	a	/	/	/	/	/	/	/
16	17RCS022	MAKESHWARI B		/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	17RCS023	MAMTHA V		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	17RCS024	MICHEAL JASMINE SIDDHRA E		/	/	/	/	/	/	/	/	/	a	a	/	/	/	a	/	/	/	/	/	/	/	/
19	17RCS025	MUKESH S		a	a	/	/	/	/	/	/	a	a	/	/	/	/	/	a	/	/	/	/	/	/	/

PRINCIPAL

	17RCS028	RAJA LAKSHMI M	/	/	/	/	/	/	/	a	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
24	17RCS031	ROHINI N	a	/	/	/	/	/	/	/	/	/	/	a	/	a	/	/	/	/	/	/	a	/	
25	17RCS032	SAHAYA JENIBA Y	/	/	/	/	/	/	/	a	/	/	/	/	a	/	a	/	/	/	/	/	/	/	
26	17RCS033	SAHAYA KALAI SELVI B	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/	/	/	/	/	/	
27	17RCS034	SAJIN C L	/	/	/	/	/	/	/	/	/	/	a	a	/	/	a	/	/	/	/	/	/	/	
28	17RCS035	SANTHINI K	/	/	/	a	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	a	/	
29	17RCS036	SATHISH KUMAR D	/	/	/	/	a	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	
30	17RCS037	SATHYA M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
31	17RCS038	SENAGA S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
32	17RCS039	SHERLIN BENCY B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
33	17RCS040	SINDHU V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
34	17RCS041	SIVA P	/	a	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	a	/	
35	17RCS042	SNEKA S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
36	17RCS043	SOBANA E	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
37	17RCS044	SREEJITH R S	/	/	/	/	/	/	/	a	/	/	a	/	/	/	/	/	/	/	/	/	/	/	
38	17RCS045	SUBHA KANI S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
39	17RCS046	SUNITHA T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
40	17RCS047	SURESH L	/	/	/	/	/	/	/	a	/	/	a	/	/	/	/	a	/	a	/	a	/	/	
41	17RCS048	SWATHY C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
42	17RCS049	THANAPATTU T	/	a	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	
43	17RCS050	VALLIMAYIL A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
44	17RCS051	VIJAYA ROHINI C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
45	17RCS052	VISHALACHI M	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	a	/	a	/	/	
46	18TRCS053	VAISHALI S	a	a	a	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/	
47	18LECS054	Tharani	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	

PRINCIPAL
POTTAI

	17RCS026	MUTHU MONISHA M	a	a											a											
21	17RCS028	RAJA LAKSHMI M												a									a	a		
22	17RCS029	RAJANI CHRISH S												a												
23	17RCS030	REVATHI P								a	a									a						
24	17RCS031	ROHINI N																								
25	17RCS032	SAHAYA JENIBA Y	a					a			a		a							a	a	a			a	
26	17RCS033	SAHAYA KALAI SELVI B	a				a				a		a		a											
27	17RCS034	SAJIN C L									a	a	a					a								
28	17RCS035	SANTHINI K																a								
29	17RCS036	SATHISH KUMAR D										a						a								
30	17RCS037	SATHYA M																								
31	17RCS038	SENAGA S													a			a								
32	17RCS039	SHERLIN BENCY B								a	a	a														
33	17RCS040	SINDHU V																a								
34	17RCS041	SIVA P	a				a																			a
35	17RCS042	SNEKA S		a																						
36	17RCS043	SOBANA E	a								a	a														
37	17RCS044	SREEJITH R.S									a	a	a		a			a		a						
38	17RCS045	SUBHA KANI S	a													a										
39	17RCS046	SUNITHA T																								
40	17RCS047	SURESH L								a	a	a	a		a	a	a	a	a							
41	17RCS048	SWATHY C																								
42	17RCS049	THANAPATTU T	a							a													a			
43	17RCS050	VALLIMAYIL A																								
44	17RCS051	VIJAYA ROHINI C																								
45	17RCS052	VISHALACHI M				a												a				a				
46	18TRCS053	VAISHALI S			a	a																				
47	18LECS054	Tharani	a	a	a	a	a	a									a									

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM

Department of Computer Science & Engineering

III CSE QA Attendance Academic year 2018-19 ODD

SNo	RollNo	Name	Date	02/07/2018	26/7	31/8/18	20/8	29/8	6/9	18/9	27/9	8/10	16/10	19/12	31/10	10/1	24/1	1/2	8/2	16/2	23/2	5/3	14/3	21/3	EVEN
			Period	7	7	7	7	7	7	7	7	7	7	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	
1	16RCS001	ABISHA BARMI		AB	ab	X	a	X	X	X	X	X	AB	AB	AB	/	/	/	AB	/	/	/	/	/	
2	16RCS005	ANTONY NIMITHA S		X	X	X	X	X	X	X	X	X	X	AB	AB	/	/	/	/	/	/	/	/	/	
3	16RCS006	ARUN BENNY		AB	X	X	a	X	X	X	X	X	X	AB	AB	/	/	/	/	/	/	AB	/	AB	
4	16RCS008	ASWITHA T		X	X	X	X	X	X	X	X	X	X	/	/	/	/	/	/	/	/	/	/	/	
5	16RCS011	DIVYA M		X	X	X	X	X	X	X	X	X	X	/	/	/	/	/	/	/	/	/	/	/	
6	16RCS012	FEMIL SHANI		X	a	X	X	a	X	X	X	X	X	AB	AB	/	/	AB	/	/	/	/	/	/	
7	16RCS015	JEEVAN JEDLY G		AB	X	X	X	X	X	X	X	X	AB	AB	AB	/	/	/	/	/	/	/	/	/	
8	16RCS016	MEKALA DEVI		X	X	X	X	X	X	X	X	X	X	/	/	/	/	/	/	/	/	/	/	/	
9	16RCS018	PAVITHRA A		X	X	ab	X	X	X	X	X	X	X	AB	AB	/	/	/	/	/	/	/	/	/	
10	16RCS022	REENA		X	X	X	X	a	X	X	X	X	AB	/	/	AB	/	/	/	/	/	/	/	/	
11	16RCS024	SAHAYA JESSE MONISHA		X	X	X	X	X	X	X	X	X	X	/	/	/	/	/	/	/	/	/	/	/	
12	16RCS025	SANGEETHA E		AB	X	X	X	X	X	X	X	X	X	AB	AB	/	/	/	/	/	/	AB	/	AB	
13	16RCS027	SHYJU R		X	X	X	X	X	X	AB	X	X	X	AB	AB	/	/	/	/	/	/	/	/	/	
14	16RCS029	THARANYA M		AB	X	X	X	X	X	X	X	X	X	/	AB	/	/	/	/	/	/	/	/	/	
15	16LCS031	JERIN RAJ.C		X	X	X	X	X	X	X	X	X	AB	/	/	/	/	/	/	/	/	/	/	/	
16	16LCS033	VIJU.M		AB	X	ab	X	X	X	X	X	X	X	AB	AB	/	/	/	/	/	/	/	/	/	
17	16RECS034	R.J.JENISH		AB	X	X	a	X	X	AB	X	X	AB	AB	AB	AB	/	/	/	AB	/	/	/	AB	

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

AMRITA VIDYALAYAM ANTHANAM COLLEGE OF ENGINEERING

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

AVK Nagar,Pottalkualm, Azhagappapuram P.O.kanyakumari District, Tamil Nadu – 629 401

Department of Computer Science & Engineering

III CSE JAVA Attendance Academic year 2018-19 ODD/EVEN

SNo	RollNo	Name / Date / Period	6/7/18 6,7	16/7/18 6,7	20/7/18 6,7	1/8/18 6,7	6/8/18 6,7	21/8 6,7	27/8/18 6,7	30/8/18 6,7	5/9/18 6,7	14/9 6,7	25/9 6,7	4/10 6,7	12/10 6,7	20/10 5	4/11 5	11/11 5	25/11 5	2/12 5,6	11/12 5,6	18/12 5,6	25/12 5,6	6/1 5,6
1	16RCS001	ABISHA BARMI	Ab	Ab	Ab	X	x	x	a	x	x	AB	x	x	AB	AB	AB	v	x	x	AB	x	x	x
2	16RCS005	ANTONY NIMITHA S	x	x	x	x	x	x	x	x	x	AB	x	x	x	AB	x	x	x	x	x	x	x	x
3	16RCS006	ARUN BENNY	OD	x	x	x	x	a	a	x	x	AB	x	x	x	x	AB	x	x	x	x	x	x	x
4	16RCS008	ASWITHA T	x	x	x	x	a	x	x	x	a	AB	x	x	x	AB	x	x	x	x	x	x	x	x
5	16RCS011	DIVYA M	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	16RCS012	FEMIL SHANI	x	x	x	x	x	x	a	a	x	x	x	AB	x	AB	x	x	x	AB	x	x	x	x
7	16RCS015	JEEVAN JEDLY G	Ab	x	x	x	x	x	x	a	x	x	x	x	x	x	AB	x	x	x	x	AB	x	x
8	16RCS016	MEKALA DEVI	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9	16RCS018	PAVITHRA A	x	x	x	Ab	x	x	x	a	x	AB	x	x	x	AB	AB	x	x	x	x	x	x	x
10	16RCS022	REENA	x	x	x	x	x	x	a	x	x	AB	x	x	x	x	x	x	x	x	x	x	x	x
11	16RCS024	SAHAYA JESSE MONISHA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12	16RCS025	SANGEETHA E	x	x	x	x	x	x	x	x	x	AB	x	x	x	AB	x	x	x	x	x	x	x	x
13	16RCS027	SHYJU R	x	ab	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
14	16RCS029	THARANYA M	x	x	x	x	x	x	x	x	x	AB	x	x	x	x	x	x	x	x	x	x	x	x
15	16LCS031	JERIN RAJ.C	x	x	ab	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
16	16LCS033	VIJU.M	Ab	x	x.	x	x	x	x	x	x	x	x	x	x	AB	x	x	AB	x	x	x	x	x
17	16RECS034	R.J.JENISH	Ab	ab	ab	x	x	x	x	x	a	AB	x	x	x	AB	AB	x	AB	AB	x	x	x	AB

PRINCIPAL
AMRITA VIDYALAYAM ANTHANAM COLLEGE OF ENGINEERING
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AVK Nagar,Pottalkualm, Azhagappapuram P.O.kanyakumari District, Tamil Nadu – 629 401

Department of Computer Science & Engineering

III CSE GOVI Attendance Academic year 2018-19 ODD & EVEN

SNo	RollNo	Name / Date	3/7	9/7	10/7	11/7	14/7	17/7	6/8	21/8	30/8	7/9	19/9	28/9	9/10	17/10	20/12	4/1	11/1	25/1	2/2	11/2	18/2	EV 25/2	EN 15/3
		Period	6,7	2to7	1to7	5,6	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	7	7	7	7	5,6,7
1	16RCS001	ABISHA BARMI	ab	a	a	x	x	x	x	x	x	x	AB	x	x	x	AB	AB	x	x	x	AB	x	x	AB
2	16RCS005	ANTONY NIMITHA S	x	x	x	x	x	x	x	x	x	x	AB	x	x	x	AB	x	x	x	x	x	x	x	x
3	16RCS006	ARUN BENNY	x	x	x	x	x	x	x	AB	x	x	x	x	x	x	x	AB	x	x	x	x	x	x	x
4	16RCS008	ASWITHA T	x	x	x	x	a	x	AB	x	x	x	x	x	x	x	AB	x	x	x	x	x	x	x	x
5	16RCS011	DIVYA M	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	16RCS012	FEMIL SHANI	x	x	x	x	x	a	x	x	AB	x	x	x	x	x	AB	x	x	x	AB	x	x	x	x
7	16RCS015	JEEVAN JEDLY G	Ab	x	x	x	x	x	x	x	AB	x	x	x	x	x	x	AB	x	x	x	x	AB	x	x
8	16RCS016	MEKALA DEVI	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9	16RCS018	PAVITHRA A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	AB	AB	x	x	x	x	x	x	x
10	16RCS022	REENA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11	16RCS024	SAHAYA JESSE MONISHA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12	16RCS025	SANGEETHA E	x	x	x	x	x	x	x	x	x	x	x	x	x	x	AB	x	x	x	x	x	x	x	x
13	16RCS027	SHYJU R	x	x	x	x	x	x	AB	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
14	16RCS029	THARANYA M	x	x	x	x	x	x	x	x	x	x	x	x	AB	x	x	x	x	x	x	x	x	x	x
15	16LCS031	JERIN RAJ.C	Ab	x	x	x	x	x	x	x	AB	x	x	x	x	x	x	x	x	x	x	x	x	x	
16	16LCS033	VIJU.M	Ab	a	a	x	x	x	x	x	x	x	x	x	x	x	AB	x	x	AB	x	x	x	x	x
17	16RECS034	R.J.JENISH	Ab	a	a	x	x	x	x	AB	x	x	x	AB	x	AB	AB	AB	x	AB	AB	x	x	x	x

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Department of Computer Science & Engineering

III CSE ELT Attendance Academic year 2018-19 ODD & EVEN

SNo	RollNo	Name / Date / Period	2/7 6	12/7 3	26/7 6	3/8/18 6	20/8 6	29/8 6	6/9 6	18/9 6	27/9 6	8/10 6	16/10 6	19/12 6,7	31/12 6,7	10/1 6,7	24/1 6,7	1/2 6,7	8/2 6,7	16/2 6,7	23/2 6,7	5/3 6,7	14/3 6,7	21/3 6,7
1	16RCS001	ABISHA BARMI	a	x	a	x	a	x	/	/	/	/	a	AB	a	/	/	/	a	/	/	/	/	/
2	16RCS005	ANTONY NIMITHA S	/	x	x	x	x	x	/	/	/	/	/	AB	a	/	/	/	/	/	/	/	/	/
3	16RCS00[illegible]	ARUN BENNY	a	x	x	x	a	x	/	/	/	/	/	AB	a	/	/	/	/	/	/	a	/	a
4	16RCS008	ASWITHA T	/	x	x	x	x	x	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	16RCS011	DIVYA M	/	x	x	x	x	x	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	16RCS012	FEMIL SHANI	/	x	a	x	x	a	/	/	/	/	/	AB	a	/	/	a	/	/	/	/	/	/
7	16RCS015	JEEVAN JEDLY G	a	x	x	x	x	x	/	/	/	/	a	AB	a	/	/	/	/	/	/	/	/	/
8	16RCS016	MEKALA DEVI	/	x	x	x	x	x	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
9	16RCS018	SAVITHRA A	/	x	x	a	x	x	/	/	/	/	/	AB	a	/	/	/	/	/	/	/	/	/
10	16RCS022	REENA	/	x	x	x	x	a	/	/	/	/	a	/	/	a	/	/	/	/	/	/	/	/
11	16RCS024	SAHAYA JESSE MONISHA	/	x	x	x	x	x	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	16RCS025	SANGEETHA E	a	x	x	x	x	x	/	/	/	/	/	AB	a	/	/	/	/	/	/	a	/	a
13	16RCS027	SHYJU R	/	x	x	x	x	x	/	A	/	/	/	AB	a	/	/	/	/	/	/	/	/	/
14	16RCS029	THARANYA M	a	x	x	x	x	x	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
15	16LCS031	JERIN RAJ.C	/	x	x	x	x	x	/	/	/	/	a	AB	a	/	/	/	/	/	/	/	/	/
16	16LCS033	VIJU.M	a	x	x	a	x	x	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	16RECS034	R.J.JENISH	a	x	x	x	a	x	/	a	/	/	a	AB	a	a	/	/	/	AB	/	/	/	a

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Department of Computer Science & Engineering

IV CSE QA Attendance

Academic year 2018-19(ODD) EVEN

SNo	RollNo	Name	02/07/2018	18/7/18	26/7/18	2/8	2/8	21/9	8/10	16/10	29/10	9/11	23/11	31/11	7/12	15/12	22/12	1/3	13/3	29/3	20
			07	07	07	07	07	7	7	7	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
1	15RCS002	DHURGA S	X	X	/	/	/	AB	/	/	/	/	/	/	/	/	/	/	/	/	/
2	15RCS004	MANJU S	X	a	/	/	/	/	/	/	/	a	/	a	/	/	/	/	a	/	/
3	15RCS005	NISHA M	X	X	/	/	/	AB	/	/	/	/	/	/	/	/	/	/	/	a	/
4	15RCS006	PABITHA M	X	X	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	15RCS007	PRATHISHA B	X	X	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	15RCS008	RAJENDRA ASHMI R V	AB	X	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	15RCS009	RESHMA RAJAN	X	X	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	15RCS011	SATNI GEORGE PREMI J	X	X	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	15RCS012	SHERIN PRIYA DHARSHINI K	AB	X	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	15RCS013	SOWMYA R	X	X	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	a
11	15RCS014	VIMAL DHAS S	X	X	/	/	/	/	/	/	/	/	a	/	/	/	a	a	a	a	a
12	16LCS017	RESHMA R	AB	X	/	/	/	/	/	AB	/	/	/	/	/	/	/	/	/	/	/

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING

(An Institution Affiliated to Anna University, Chennai)

AVK Nagar,Pottalkualm, Azhagappapuram P.O.kanyakumari District, Tamil Nadu – 629 401

Department of Computer Science & Engineering

IV CSE ELT Attendance Academic year 2018-2019[ODD EVEN]

SNo	RollNo	Name	12/7/18	20/7/18	30/7/18	6/8/18	3/8 2/8	31/8	11/9	20/9	1/10	10/10	21/2 3,4	7/1	19/1	29/1	5/2	13/2	20/2	27/2	8/
			05	05	05	05	5	5	5	5	5,6	5,6	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,
1	15RCS002	DHURGA S	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/
2	15RCS004	MANJU S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	a	/
3	15RCS005	NISHA M	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	a	/
4	15RCS006	PABITHA M	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/
5	15RCS007	PRATHISHA B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
6	15RCS008	RAJENDRA ASHMI R V	/	a	/	/	/	a	/	a	a	/	/	/	/	/	/	/	/	/	a
7	15RCS009	RESHMA RAJAN	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	15RCS011	SATNI GEORGE-PREMI J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
9	15RCS012	SHERIN PRIYA DHARSHINI K	/	/	/	/	/	a	/	/	/	/	a	/	/	/	/	/	/	a	/
10	15RCS013	SOWMYA R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	a	/
11	15RCS014	VIMAL DHAS S	/	/	/	a	/	/	/	/	/	/	/	/	/	a	a	a	/	/	/
12	16LCS017	RESHMA R	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	a	/	/

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Department of Computer Science & Engineering

IV CSE GUVI Attendance Academic year: 2018-19 [ODD / EVEN]

SNo	RollNo	Name	03/07/2018	9/7	10/7	11/7	17/7	19/07/18	25/07/18	27/7/18	2/8/18	6/8/18	21/8	30/8	7/9	19/9	28/9	9/10	17/10	
			06, 07	2 to 7	1 to 7	5 to 7	03 & 04	06 07	03 04	06 07	03 04	06 07	6,7	6,7	6,7	6,7	6,7	6,7	6,7	
1	15RCS002	DHURGA S	x	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	
2	15RCS004	MANJU S	x	/	/	a	/	/	/	/	/	/	/	/	a	/	/	/	/	
3	15RCS005	NISHA M	x	/	/	/	/	/	/	/	/	a	/	/	/	/	a	/	/	
4	15RCS006	PABITHA M	x	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	
5	15RCS007	PRATHISHA B	x	/	/	a	/	/	/	/	/	/	/	/	/	/	a	/	/	
6	15RCS008	RAJENDRA ASHMI R V	x	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	
7	15RCS009	RESHMA RAJAN	x	/	/	a	a	/	/	/	/	a	/	/	/	a	/	/	/	
8	15RCS011	SATNI GEORGE PREMI J	x	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	
9	15RCS012	SHERIN PRIYA DHARSHINI K	x	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	
10	15RCS013	SOWMYA R	x	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
11	15RCS014	VIMAL DHAS S	x	/	/	/	a	/	/	/	/	/	a	/	a	a	/	/	a	
12	15RCS017	RESHMA R	a	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	a	

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Nagercoil Kanyakumari District, Tamil Nadu – 629 401

Department of Computer Science & Engineering

II CSE ELT Attendance Academic year 2018-19 ODD & EVE

SNo	RollNo	Name	6/7	16/7	24/7	1/8	13/8	27/8	4/9	14/9	25/9	4/10	12/10	29/10	8/11	22/11	30/11	6/12	14/12	21/12	28/12	11/3	19/3
			7	7	7	7	7	7	7	7	7	7	7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7
1	17RCS001	ABISHA NEYA I	/	/	/	/	/	/	/	a	/	/	a	a	/	/	/	/	/	/	/	a	/
2	17RCS002	AJITHRA S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
3	17RCS004	AMIRTHAM P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	17RCS005	ANANDA ARASU T	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
5	17RCS006	ANGELIN MARY G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
6	17RCS007	ANJELIN THARSHINI A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	17RCS008	ANJU P	/	/	/	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/	/	/	/
8	17RCS009	ANUSUYA A	/	/	/	a	/	/	/	/	/	/	/	a	/	/	/	a	/	/	/	/	/
	17RCS011	ASHTALAKSHMI M	/	/	a	a	a	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
10	17RCS012	GOKUL VISWANTH	/	a	/	/	a	a	/	a	/	/	/	a	/	/	/	a	/	/	/	a	a
11	17RCS014	GOWRI JEBA REENA J	/	a	/	/	/	/	a	a	/	/	/	a	/	a	a	a	a	a	a	a	a
12	17RCS015	JENISH K	/	/	a	/	/	/	/	a	/	/	a	a	/	a	a	/	a	a	a	a	a
13	17RCS016	JENISHA R J	/	/	/	/	/	/	/	/	a	/	/	a	/	/	/	a	/	/	/	/	/
14	17RCS018	JUBIN JOSEPH MATHEW	/	a	/	/	a	a	/	a	/	/	/	a	/	/	/	/	/	/	/	/	/
15	17RCS021	MAHESWARI M	/	/	/	/	a	/	/	/	/	/	/	a	/	/	a	/	/	/	/	a	a
16	17RCS022	MAKESHWARI B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	17RCS023	MAMTHA V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	17RCS024	MICHEAL JASMINE SHUHITA E	/	a	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
19	17RCS025	MUKESH S	a	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/

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ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothalyadi Salai, Pottalkulam, Azhagappapuram P.O- Kanyakumari District Tamil Nadu-629 401

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK FORM

Course Name: QA

Academic Year: 2018 – 2019

Student Name: C. Vijaya Rohini

Year/Semester: II – Third Sem

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	O	✓	O
How did you experience the speed or rate at which the training was presented?	O	O	✓	O
Can you practically apply the course material to your career?	O	O	✓	O
How do you rate the contents of the course material?	O	O	O	✓
How would you rate the focus and structure of the course?	O	✓	O	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	O	✓
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	O	✓
How did the facilitator handle questions that were asked?	O	O	✓	O
How would you rate their facilitation skills on the whole?	O	O	✓	O
Venue				
Was the venue sufficient for the type of training presented?	O	O	✓	O

Additional Feedback

How do you rate the training overall?

O Bad O Average ✓ Good O Excellent

What aspects of the training could be improved?

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C. Vijaya Rohini

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK FORM

Course Name: QA

Student Name: P. Revathi

Academic Year: 2018-2019

Year/Semester: IInd / III

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	O	●	O
How did you experience the speed or rate at which the training was presented?	O	O	●	O
Can you practically apply the course material to your career?	O	O	✓	O
How do you rate the contents of the course material?	O	O	✓	O
How would you rate the focus and structure of the course?	O	O	O	●
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	✓	O
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	✓	O
How did the facilitator handle questions that were asked?	O	O	O	✓
How would you rate their facilitation skills on the whole?	O	O	✓	O
Venue				
Was the venue sufficient for the type of training presented?	O	O	✓	O

Additional Feedback

How do you rate the training overall?

O Bad O Average O Good ● Excellent

What aspects of the training could be improved?

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KANYAKUMARI DIST.

P. Revathi
Student Signature

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AVK Nagar, Pothaiyadi Salai, Pottalkulam, Azhagappapuram P.O- Kanyakumari District Tamil Nadu-629 401

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK FORM

Course Name: OUUI **Academic Year:** 2018 - 2019

Student Name: M. Raja Lakshmi **Year/Semester:** II nd / III rd

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	O	✓	O
How did you experience the speed or rate at which the training was presented?	O	✓	O	O
Can you practically apply the course material to your career?	O	O	✓	O
How do you rate the contents of the course material?	O	O	O	✓
How would you rate the focus and structure of the course?	O	O	✓	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	O	✓
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	✓	O
How did the facilitator handle questions that were asked?	O	✓	O	O
How would you rate their facilitation skills on the whole?	O	O	✓	O
Venue				
Was the venue sufficient for the type of training presented?	O	O	✓	O

Additional Feedback

How do you rate the training overall?

O Bad O Average O Good O Excellent

What aspects of the training could be improved?

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Student Signature

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK FORM

Course Name: GUVI **Academic Year:** 2018 - 2019

Student Name: M. Sathya. **Year/Semester:** II - 03

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	✓	O	O
How did you experience the speed or rate at which the training was presented?	O	O	✓	O
Can you practically apply the course material to your career?	O	O	✓	O
How do you rate the contents of the course material?	O	O	✓	O
How would you rate the focus and structure of the course?	O	✓	O	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	O	✓
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	O	✓
How did the facilitator handle questions that were asked?	O	O	O	✓
How would you rate their facilitation skills on the whole?	O	O	O	✓
Venue				
Was the venue sufficient for the type of training presented?	O	O	✓	O

Additional Feedback

How do you rate the training overall?

O Bad O Average ✓ Good O Excellent

What aspects of the training could be improved?

PRINCIPAL
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POTTALKULAM
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KANYAKUMARI DIST.

M. Sathya.
Student Signature

ANNAI VAILANKANNI COLLEGE OF ENGINEERING

AVK Nagar, Pothalyadi Salai, Pottalkulam, Azhagappapuram P.O- Kanyakumari District Tamil Nadu-629 401

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK FORM

Course Name: English Language Training **Academic Year:** 2018 - 2019

Student Name: G. Angelin Mary **Year/Semester:** II nd / III

	Bad	Average	Good	Excellent
Course				
Did the course content meet your expectations?	O	O	✓	O
How did you experience the speed or rate at which the training was presented?	O	✓	O	O
Can you practically apply the course material to your career?	O	O	✓	O
How do you rate the contents of the course material?	O	O	✓	O
How would you rate the focus and structure of the course?	O	✓	O	O
Facilitator				
How knowledgeable was the facilitator on the subject matter?	O	O	✓	O
Did the facilitator explain the concepts clearly and in an understandable way?	O	O	O	✓
How did the facilitator handle questions that were asked?	O	O	O	✓
How would you rate their facilitation skills on the whole?	O	O	✓	O
Venue				
Was the venue sufficient for the type of training presented?	O	O	O	✓

Additional Feedback

How do you rate the training overall?

O Bad O Average ✓ Good O Excellent

What aspects of the training could be improved?

PRINCIPAL
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G. Angel
Student Signature

Annai Vailankanni College of Engineering

(Approved by AICTE & Affiliated to Anna University,Chennai)

AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. ANANDA ARASU. T

of Annai Vailankanni College of Engineering

has attended the Course on HTML

during the academic Year 2018 -2019

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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. RESHMA RUTH

of Annai Vailankanni College of Engineering

has attended the Course on JAVA PROGRAMMING

during the academic Year 2018 -2019

CO-ORDINATOR

HOD

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Certificate

This is to certify that Mr/Ms. SOWMYA R

of Annai Vailankanni College of Engineering

has attended the Course on Quantitative Aptitude

during the academic Year 2018-2019

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CO-ORDINATOR

HOD

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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. JANISHA.K

of Annai Vailankanni College of Engineering

has attended the Course on GUVI BASIC PYTHON PROGRAMMING

during the academic Year 2021-2022

CO-ORDINATOR

HOD

PRINCIPAL

PRINCIPAL
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AV.K.Nagar, Azhagappapuram(P.O), Kanyakumari District-629 401.

Certificate

This is to certify that Mr/Ms. RESHMA RAJAN

of Annai Vailankanni College of Engineering

has attended the Course on JAVA PROGRAMMING

during the academic Year 2018 -2019

CO-ORDINATOR

HOD

PRINCIPAL

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