

Criteria 1

Criterion 1 – Curricular Aspects

Key Indicator- 1.2

1.2 Academic Flexibility

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

ACADEMIC YEAR 2021-2022

ADD ONCOURSE/WORK SHOP/CERTIFICATE COURSES

Sl.No	Description	Page No.
1	Add on Course on Building Planning Fundamentals-CIVIL	1-18
2	Add on Course on Bootcamp on Build your own Virtual assistant-CSE	19-24
3	Add on Course on Fullstack Development-CSE	25-32
4	Add on Course on Cyber Security And Web Designing-ECE	33-39
5	Add on Course on Cloud Computing & Distributed Systems-ECE	40-45
6	Add on Course on Microprocessor and Microcontroller-ECE	46-52
7	Add on Course on Leverging Electric Vehicle Tecnology-EEE	53-61
8	Add on Course on Design Thinking And Electrical Design Development-EEE	62-70
9	Add on Course on Reverse Engineering and GD&T Application-MECH	71-82

02..02.2022

Chennai

From

The HOD-CIVIL,
Peri Institute of Technology
Mannivakkam,
Chennai-48

To

The Principal
PERI Institute of Technology
Chennai

Sir,

Sub: Approval to conduct a program on **CC013-Building Planning Fundamentals**— Reg

The department of Civil Engineering is planning to conduct a program titled "**CC013-Building Planning Fundamentals**" training for Civil Engineering students. Kindly accord permission for conducting the program.

S.No.	Year	Scheduled Date	Session
1	II,III,IV	09.02.2022-12.02.2022	8.30a.m-3.45p.m

Thanking You

Yours Truly

Dr. R. Palson Kennedy
Principal

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
MANNIVAKKAM, CHENNAI - 600 048.

[Signature]
HOD CIVIL
Head of the Department
Department of Civil Engineering
PERI Institute of Technology,
Mannivakkam, Chennai - 600 048

PERI

INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2021-2022

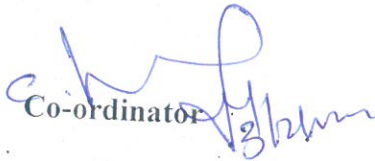
PERIIT /CIVIL/Add-On-Course /2021-2022/Even/01

Date: 03.02.2022

CIRCULAR

Department of Civil Engineering is planned to conduct a program titled “CC013-Building Planning Fundamentals” for the Academic Year 2021– 2022 for CIVIL Engineering students directed to attend the program.

S.No.	Year	Scheduled Date	Session
1	II,III,IV	09.02.2022-12.02.2022	8.30a.m-3.45p.m

Co-ordinator 

Head of the Department 

Head of the Department
Department of Civil Engineering
PERI Institute of Technology,
Mannivakkam, Chennai - 600 048

Copy To:

1. Principal
2. Vice – Principal
3. IQAC
4. Faculty Members – Civil
5. Main – Notice Board

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
ADD ON COURSE-CC013-Building Planning Fundamentals

ACADEMIC YEAR 2021-2022

Minutes of the Meeting held on 02.02.2022

Venue : HOD Room, Civil Department, Beta Block, PERI Institute of Technology

Date : 04.02.2022

Time : 10:00am – 11:30am

Agenda of the Meeting:

1. Syllabus preparation
2. Tentative Timetable preparation
3. Assessment method discussion

Members Present:

1. Mr. B. Magesh, Head of the Department, Civil Engineering
2. Ms. C. Lavanya, VAC Coordinator, Civil Engineering
3. Dr. M. Ashok, Industrial Expert, Scientist, CICRI

Ms. C. Lavanya, VAC Coordinator welcomed and briefed the consultative committee members about the meeting.

In the academic year 2021-22 Even semester, for second, third, fourth year students CC013-Building Planning Fundamentals is selected based on the interest of students and the suggestion by Vice Principal, Head of the Department and Industry expert.

Agenda Item 1: Syllabus preparation

The syllabus is framed in accordance with the view to achieve the desired outcomes of the course. The courses similar to the selected course in the curriculum of UG and PG programmes offered by various IITs, NITs, Anna University and other Universities has been analysed and final syllabus is framed by the consultative committee members.

Agenda Item 2: Tentative Timetable preparation

The Timetable for Add on Course classes and Internal Assessment is prepared based on guidelines prescribed by Anna University. Total of 32 periods with 8 hours from 09.02.2022-12.02.2022 is decided and communicated to the Course faculty.

Agenda Item 3: Assessment method

Internal assessments to be conducted only at the end of the course is decided. Internal Assessment to be conducted for 30 marks

Part A – Autocadd plan (without choice) – $30 \times 1 = 30$ marks

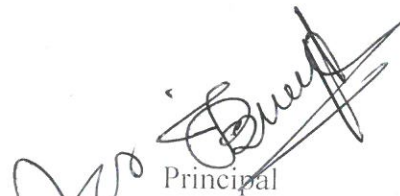

Coordinator


Senior Faculty Member


Dr. M. Ashok
Industry Expert


Hod -Civil Engg

Head of the Department
Department of Civil Engineering
PERI Institute of Technology,
Mannivakkam, Chennai - 600 048


Principal

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2021-2022

ADD ON COURSE-SYLLABUS

CC013-Building Planning Fundamentals

Module 1

Need for Designing Introduction to CAD/CAM/CAE Concept of Designing and Drafting Angle of projections First angle projection, Third angle projection, Orthographic and Isometric views, Quadrants Basic Drafting rules Introduction to AutoCAD Introduction to Autocad, COORDINATE SYSTEMS, AUTOCAD BASICS, Polyline edit (PEdit), Array (AR) Rectangular Array (ARRAYRECT), Properties (PR) Line properties Match properties

Module 2

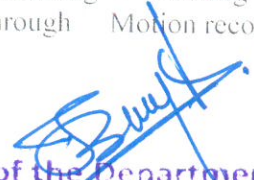
Multiline Edit (MLEEDIT), Cutting and Welding Multiple, Spline (SPL), Stretch (S) Lengthen (LEN), Block (B), Block (B) Base point Object Behavior Insert block (I) Intersection point Scale Rotation, Write block (W) Base point Object Trim (TR) Fence (F), Arc Length (DAR) Dimension Break (DIMBREAK), Diameter Dimension (DDI) M text (M) Text (T) Angle (A) Radius Dimension (DRA) M text (M) Text (T) Angle (A), Jogged Dimension (DJO) M text (M) Text (T) Angle (A) Ordinate Dimension (DOR) X datum (X) Y datum (Y) M text (M) Text (T) Angle (A)

Module 3

Dimension Break (DIMBREAK) Auto (A) Manual (M) Remove (R) Multiple (M) Dimension Space (DIMSPACE) Value (Default) Auto (A), Plan Creation Area Object (O) Add Area (A) Subtract Area (S) AutoCAD Design Center (ADC) Tool Palettes (TP) Basic room Dimensions Basic Furniture Dimensions, Elevation Section Detailing Hatch (H) Gradient (GD/GRA) Boundary (BO), Text (DT), Justify (J), Mtext (MTED), Table Edit, Layout (LO) Layout wizard Multi view (MVIEW) View ports (VPORTS) Viewport maximum (VPMAX) Viewport minimum (VPMIN) LAYVPI Model space (MS) Paper space (PS) Model, Tilemode (TI), Attributes (ATT) External reference (XR) Page Setup Manager Plot (Ctrl+P) Sheet set (SSM), Export (EXP) Options (OP), Image (IM) Imageadjust Imageattach Imageclip Imagequality Imageframe Title block creation, Basic AutocadD plan

Module 4

Isometric views Isoplane change Ellipse (EL), Isocircle, Isometric practice, 3D-MODELING Introduction to AutoCAD 3d Starting three dimensional modelling in AutoCAD Use of three dimensional drawing Types of 3d models, Creating Solid Models Polysolid Box Wedge Cone Sphere, Cylinder, Torus Pyramid, Helix Presspull Sweep Revolve Loft, 3D Operations, CS icon Dynamic UCS Viewport Creating 3D Models (practice session), Material browser Assigning materials Assigning selected materials to object Basic rendering Creating new materials Default light Point light Spot light Distance light, Camera Walkthrough Motion recorder Import


Head of the Department
Department of Civil Engineering
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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2021-2022

ADD ON COURSE-TIME TABLE

CC013-Building Planning Fundamentals

S.No	Date	Hours	Topics
1	09.02.2022	1-8	Need for Designing ☐ Introduction to CAD/CAM/CAE ☐ Concept of Designing and Drafting ☐ Angle of projections ☐ First angle projection .Third angle projection .Orthographic and Isometric views . Quadrants ☐ Basic Drafting rules Introduction to AutoCAD ☐ Introduction to Autocad.COORDINATE SYSTEMS .AUTOCAD BASICS,Polyline edit (PEdit),Array (AR) ☐ Rectangular Array (ARRAYRECT),Properties (PR) ☐ Line properties ☐ Match properties
2	10-02-2022	1-8	Multiline Edit (MLEEDIT) , Cutting and Welding Multiple,Spline (SPL),Stretch (S) ☐ Lengthen (LEN),Block (B) .Block (B) ☐ Base point ☐ Object ☐ Behavior ☐ Insert block (I) Intersection point ☐ Scale ☐ Rotation,☐ Write block (W) ☐ Base point ☐ Object ☐ Trim (TR) ☐ Fence (F),Arc Length (DAR) ☐ Dimension Break (DIMBREAK),☐ Diameter Dimension (DDI) ☐ M text (M) Text (T) ☐ Angle (A) ☐ Radius Dimension (DRA) ☐ M text (M) ☐ Text (T) ☐ Angle (A) Jogged Dimension (DJO) ☐ M text (M) ☐ Text (T) ☐ Angle (A) ☐ Ordinate Dimension (DOR) ☐ X datum (X) ☐ Y datum (Y) ☐ M text (M) ☐ Text (T) ☐ Angle (A)
3	11-02-2022	1-8	☐ Dimension Break (DIMBREAK) ☐ Auto (A) ☐ Manual (M) ☐ Remove (R) ☐ Multiple (M) ☐ Dimension Space (DIMSPACE) ☐ Value (Default) ☐ Auto (A),Plan Creation ☐ Area ☐ Object (O) ☐ Add Area (A) ☐ Subtract Area (S) ☐ AutoCAD Design Center (ADC) ☐ Tool Palettes (TP) Basic room Dimensions ☐ Basic Furniture Dimensions.Elevation ☐ Section Detailing ☐ Hatch (H) ☐ Gradient(GD/GRA) ☐ Boundary(BO) ,Text (DT)Justify (J) .Mtedit (MTED),Table Edit ,Layout (LO) ☐ Layout wizard ☐ Multi view (MVIEW) ☐ View ports (VPORIS) Viewport maximum (VPMAX) ☐ Viewport minimum (VPMIN) ☐ LAYVPI ☐ Model space (MS) ☐ Paper space (PS) ☐ Model.Tilemode (TI),Attributes (ATT) External reference (XR) ☐ Page Setup Manager ☐ Plot (Ctrl+P) ☐ Sheet set(SSM),Export(EXP) Options (OP) .Image(IM) ☐ Imageadjust ☐ Imageattach Imageclip ☐ Imagequality ☐ Imageframe ☐ Title block creation .Basic AutocaDD plan
4	12-02-2022	1-8	Isometric views ☐ Isoplane change ☐ Ellipse(EL) .Isocircle, Isometric practice.3D-MODELING ☐ Introduction to AutoCAD 3d ☐ Starting three dimensional modelling in AutoCAD ☐ Use of three dimensional drawing ☐ Types of 3d models ☐.Creating Solid Models ☐ Polysolid ☐ Box ☐ Wedge ☐ Cone ☐ Sphere , Cylinder . Torus ☐ Pyramid , Helix ☐ Presspull ☐ Sweep ☐ Revolve ☐

			Loft,3D Operations ,CS icon <input type="checkbox"/> Dynamic UCS <input type="checkbox"/> Viewport <input type="checkbox"/> Creating 3D Models (practice session),Material browser <input type="checkbox"/> Assigning materials <input type="checkbox"/> Assigning selected materials to object <input type="checkbox"/> Basic rendering <input type="checkbox"/> Creating new materials Default light <input type="checkbox"/> Point light Spot light <input type="checkbox"/> Distance light, <input type="checkbox"/> Camera <input type="checkbox"/> Walkthrough <input type="checkbox"/> Motion recorder <input type="checkbox"/> Import <input type="checkbox"/> Internal assesment
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Head of the Department
 Department of Civil Engineering
 PERI Institute of Technology,
 Mannivakkam, Chennai - 600 048

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2021-2022

ADD ON COURSE

CC013 -BUILDING PLANNING FUNDAMENTALS

STUDENTS LIST

Final Years		
S. No.	Reg. No.	Name of the Students
1	411518103001	Ananda Ganapathy Kb
2	411518103002	Kiran Kumar J S
3	411518103003	Prashanth J
4	411518103004	Praveen D
5	411518103005	Praveenkumar P
6	411518103006	Raghul R
7	411518103007	Sarath Kumar M
8	411518103008	Sree Balaji D
9	411518103009	Srikanth M
10	411518103010	Surendra Kumar K
11	411518103012	Yogeshwaran P T
12	411518103301	Guru prasath
13	411518103302	Nandeeshiwaran
Third Years		
14	411519103001	F. Aarif Ahmed
15	411519103002	Kesu Bhanu Chandra
16	411519103003	D. Gopi Anand
17	411519103004	R. Ranjith
18	411519103005	V. Sathish Kumar
19	411519103006	M. Ushananthini
20	411519103301	S. Malathi
21	411519103302	D. Vigneshwaran
Second Years		
22	411520103001	Arun K
23	411520103002	Esaivizhi E
24	411520103003	Gokulnath H
25	411520103004	Guneshdharan K

26	411520103005	Nisha C
27	411520103006	Ragul E
28	411520103007	Saravanan M
29	411520103008	Sivaraman V
30	411520103009	Swetha T
31	411520103301	Akash A
32	411520103302	Bruno Joseph Aravindraaj KB
33	411520103303	Dharani dharan T
34	411520103304	Indraraj N
35	411520103305	Kamesh B
36	411520103306	Kandeeban P
37	411520103307	Kathiravan S
38	411520103308	Raghul S
39	411520103309	Ranjithkumar R
40	411520103310	Sathya J
41	411520103311	Srinath P
42	411520103312	Suvam karmakar S
43	411520103313	Vanchinathan M
44	411520103314	Venkatesh S

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PERI

INSTITUTE OF TECHNOLOGY

Academic Year 2021 – 2022

Department of Civil Engineering

Add on Course

Building Planning Fundamentals-CC013

Attendance Sheet

Final Years

S. No.	Reg. No.	Name of the Students	09.02.2022	10.02.2022	11.02.2022	12.02.2022
1	411518103001	Ananda Ganapathy Kb	Ana	Ana	Ana	Ana
2	411518103002	Kiran Kumar J S	Kiran	Kiran	Kiran	Kiran
3	411518103003	Prashanth J	Prash	Prash	Prash	Prash
4	411518103004	Praveen D	Prave	Prave	Prave	Prave
5	411518103005	Praveenkumar P	Prave	Prave	Prave	Prave
6	411518103006	Raghul R	Raghul	Raghul	Raghul	Raghul
7	411518103007	Sarath Kumar M	Sarath	Sarath	Sarath	Sarath
8	411518103008	Sree Balaji D	Sree	Sree	Sree	Sree
9	411518103009	Srikanth M	Srikan	Srikan	Srikan	Srikan
10	411518103010	Surendra Kumar K	Suren	Suren	Suren	Suren
11	411518103012	Yogeshwaran P T	Yogesh	Yogesh	Yogesh	Yogesh
12	411518103301	Guru prasath	Guru	Guru	Guru	Guru
13	411518103302	Nandeeshwaran	Nande	Nande	Nande	Nande
Third Years						
1	411519103001	F. Aarif Ahmed	Aarif	Aarif	Aarif	Aarif
2	411519103002	Kesu Bhanu Chandra	Kesu	Kesu	Kesu	Kesu
3	411519103003	D. Gopi Anand	Gopi	Gopi	Gopi	Gopi
4	411519103004	R. Ranjith	Ranjith	Ranjith	Ranjith	Ranjith
5	411519103005	V. Sathish Kumar	Sathish	Sathish	Sathish	Sathish
6	411519103006	M. Ushananthini	Usha	Usha	Usha	Usha
7	411519103301	S. Malathi	Malathi	Malathi	Malathi	Malathi
8	411519103302	D. Vigneshwaran	Vicky	Vicky	Vicky	Vicky
Second Years						
1	411520103001	Arun K	Arun	Arun	Arun	Arun
2	411520103002	Esavizhi E	Esav	Esav	Esav	Esav
3	411520103003	Gokulnath H	Gokul	Gokul	Gokul	Gokul
4	411520103004	Guneshdharan K	Gunesh	Gunesh	Gunesh	Gunesh
5	411520103005	Nisha C	Nisha	Nisha	Nisha	Nisha
6	411520103006	Ragul E	Ragul	Ragul	Ragul	Ragul
7	411520103007	Saravanan M	Sarava	Sarava	Sarava	Sarava
8	411520103008	Sivaraman V	Sivara	Sivara	Sivara	Sivara
9	411520103009	Swetha T	Swetha	Swetha	Swetha	Swetha
10	411520103301	Akash A	Akash	Akash	Akash	Akash
11	411520103302	Bruno Joseph Aravindrajb KB	Bruno	Bruno	Bruno	Bruno
12	411520103303	Dharani dharan T	Dharani	Dharani	Dharani	Dharani
13	411520103304	Indraraj N	Indra	Indra	Indra	Indra
14	411520103305	Kamesh B	Kamesh	Kamesh	Kamesh	Kamesh

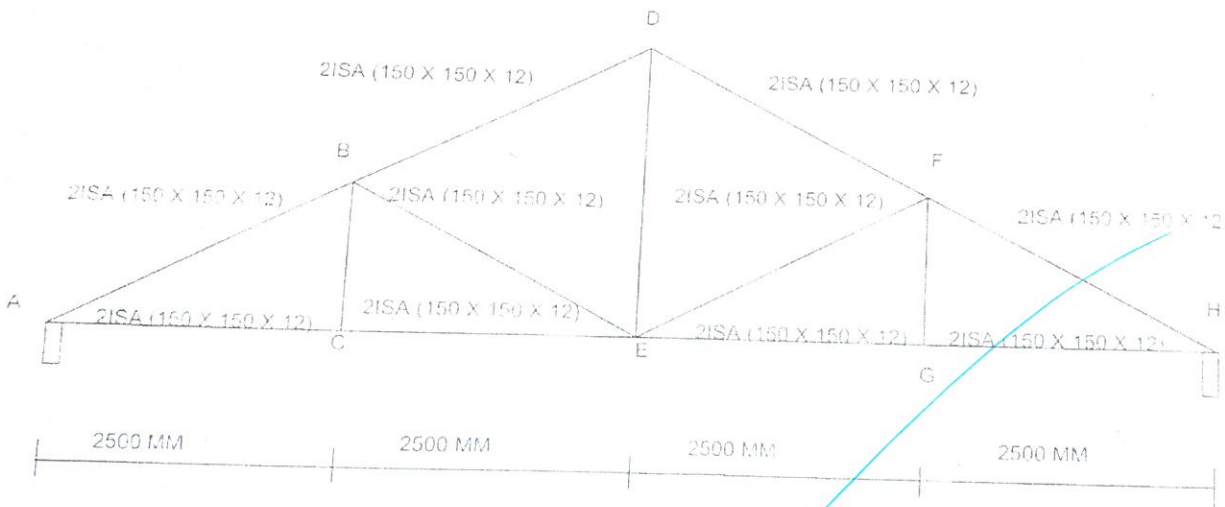
c. n. j.

15	411520103306	Kandeeban P	Kande	Kande	Kande	Kande
16	411520103307	Kathiravan S	Kun	Kun	Kun	Kun
17	411520103308	Raghul S	Rahul	Rahul	Rahul	Rahul
18	411520103309	Ranjithkumar R	Ranjith	Ranjith	Ranjith	Ranjith
19	411520103310	Sathya J	Sathyj	Sathyj	Sathyj	Sathyj
20	411520103311	Srinath P	Srinath	Srinath	Srinath	Srinath
21	411520103312	Suvam karmakar S	S.K	S.K	S.K	S.K
22	411520103313	Vanchinathan M	Vach	Vach	Vach	Vach
23	411520103314	Venkatesh S	Venki	Venki	Venki	Venki

Dr. R. PALSON KENNEDY, M.E., Ph.D.,

PRINCIPAL

**PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.**



26/30

NAME	T.SWETHA
REG. NO	411520103009
YEAR	II
DEPT	CIVIL
COURSE CODE/NAME	CC013-BUILDING PLANNING AND FUNDAMENTALS
TEST DATE	12.02.2022

[Signature]
12/02/22

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
FEEDBACK FORM -ADD ON COURSES

ACADEMIC YEAR 2021-2022

Name of the Course : CC013-Building Planning Fundamentals

Name of the Student: *P. Praveen.*

Year / Semester : *IV - 8th sem.*

- Brief about the course:

*Basic building planning Autocad
knowledge had been taught*

- In what aspects the course content can be improved?

By providing more plans for exercise.

- Write down the benefits you got by attending this Course

I can plan any individual assets.

- Does the course have brought any change in your understanding of the subject?
Mention in detail.

*clearly taught about the
building planning*

- Is the course recommendable for the forth coming batch of the students?

Yes.

P. Praveen
Signature of the student
12/2/2022

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
FEEDBACK FORM -ADD ON COURSES

ACADEMIC YEAR 2021-2022

Name of the Course : CC013-Building Planning Fundamentals

Name of the Student: T. SWETHA - A11520103009

Year / Semester : 11 - 04

- Brief about the course:

Basic building planning Autocad
Knowledge had been taught

- In what aspects the course content can be improved?

By providing more plans for exercise.

- Write down the benefits you got by attending this Course

I can plan any individual resorts.

- Does the course have brought any change in your understanding of the subject?
Mention in detail.

clearly taught about the
building planning.

- Is the course recommendable for the forth coming batch of the students?

Yes

T. Swetha
12/02/24
Signature of the student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
FEEDBACK FORM -ADD ON COURSES

ACADEMIC YEAR 2021-2022

Name of the Course : CC013-Building Planning Fundamentals

Name of the Student: R. KANJITH - 41151903004

Year / Semester : 11th / 06

- Brief about the course:

Basic building planning AutoCAD knowledge had been taught.

- In what aspects the course content can be improved?

By providing more plans for exercise.

- Write down the benefits you got by attending this Course

I can plan my individual villa.

- Does the course have brought any change in your understanding of the subject?
Mention in detail.

In depth knowledge about building planning.

- Is the course recommendable for the forth coming batch of the students?

Yes.

R. Kanjith. 12/02/24
Signature of the student

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INSTITUTE OF TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

Organizes

ADD ON COURSE IN

"CC013 - BUILDING PLANNING FUNDAMENTALS"

CERTIFICATE OF COMPLETION

This is to certify that Mr / Ms. R. RANJITH (A11519103004)

studying IIIrd year in the Department of Civil Engineering has successfully completed the course on **CC013 - BUILDING PLANNING FUNDAMENTALS** for the duration of **32** hours in the period from **09/02/2022** to **12/02/2022** during the Academic year **2021 - 2022**.



PRINCIPAL



VICE PRINCIPAL



HOD

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INSTITUTE OF TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING
Organizes

ADD ON COURSE IN
"CC013 - BUILDING PLANNING FUNDAMENTALS"

CERTIFICATE
OF COMPLETION

This is to certify that Mr / Ms. T. SWETHA (H11520103009)
studying 11nd year in the Department of Civil Engineering has successfully completed the
course on **CC013 - BUILDING PLANNING FUNDAMENTALS** for the duration of **32** hours in
the period from **09/02/2022** to **12/02/2022** during the Academic year **2021 - 2022**.



PRINCIPAL



VICE PRINCIPAL



HOD

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INSTITUTE OF TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING
Organizes

ADD ON COURSE IN

"CC013 - BUILDING PLANNING FUNDAMENTALS"

CERTIFICATE OF COMPLETION

This is to certify that Mr / Ms. D. PRAVEEN (411518103004)


studying IV year in the Department of Civil Engineering has successfully completed the course on **CC013 - BUILDING PLANNING FUNDAMENTALS** for the duration of **32** hours in the period from **09/02/2022** to **12/02/2022** during the Academic year **2021 - 2022**.



PRINCIPAL



VICE PRINCIPAL



HOD

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Ref: PERIIT/CSE/ 2022 ODD 01

Date: 25/01/2022

The Department of Computer Science and Engineering is organizing a training program on " Bootcamp on Build your own Virtual assistant" from 31/01/2022 (Monday) to 03/02/2022(Thursday) .

I request all the faculty members and students to attend the training program and we are expecting your coordination throughout the sessions.

Timing : 11:00AM to 03:00 PM


HOD/CSE


PRINCIPAL
25/1/22

Copy to:

~~THE PRINCIPAL~~
VICE PRINCIPAL
All HOD's
Students Group

CC : HOD/ECE/EEE/CSE/MECH/CIVIL

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam-48

Department of Computer Science and Engineering

AGENDA OF EVENT

Course Code: CS022

Course Name: Add on Course on Bootcamp on Build your own Virtual assistant

Date	Session	Topic covered
DATE : 31-01-2022 to 03/02/2022 TIME : 11.00 AM – 03.00 PM MODE: (Online Mode- Google Meet)	FN &AN	Lesson 1: To Be, Or Not To Be - Doing Your Homework/Research Before You Begin
	FN &AN	Lesson 2: Transition - The Shift from Employee to Business Owner
	FN &AN	Lesson 3: Going Into Business Without Going Broke - How To Compete
	FN &AN	Lesson 4: Virtual Assistants - Corporate Choices
PARTICIPATION	II & III YEAR CSE STUDENTS	


VAC Coordinator


HOD/CSE

PERI INSTITUTE OF TECHNOLOGY
COMPUTER SCIENCE AND ENGINEERING

**Academic Year 2021-2022 Students Name List for Bootcamp on Build
your Own Virtual assistant**

S.No	REG NO	NAME
1	411520104001	AARTHY K P
2	411520104002	AAYISHA K
3	411520104003	ABDUL LATHIEF AH
4	411520104004	ABIRAMI V
5	411520104012	ARUN KUMAR G
6	411520104013	ASHOKKUMAR M
7	411520104022	DINAKARAN C
8	411520104023	DINESH D
9	411520104024	DURGA V
10	411520104025	GANESH B
11	411520104038	KAMALESH B
12	411520104039	KARTHICK A
13	411520104040	KARTHICK SUBRAMANIYAN S
14	411520104041	KARUPPIAH K
15	411520104062	MURALIKRISHNAN R S
16	411520104063	MUTHAZHAGAN A
17	411520104064	MUTHUPANDI P
18	411520104077	RAVISHANKAR G
19	411520104078	RITHICK R
20	411520104086	SHARAN G
21	411520104091	SOWMIYA B
22	411520104092	SRIKANTH R
23	411520104100	VARSHINI V
24	411520104101	VELMURUGAN D
25	411520104102	VENKATESH S
26	411520104104	VIJAYA HARSHITHA
27	411520104105	VIJAYAKUMAR D
28	411520104106	VISHNU B
29	411520104107	VISHVA B
30	411519104001	G.AKASH
31	411519104002	G.ALTHAFKHAN
32	411519104003	S.ANSULJAFERA
33	411519104004	G.ARULMANI
34	411519104005	J.AUGUSTINRAJA
35	411519104006	M.AYESHAMUNAWAR
36	411519104007	P.BABYSWETHA
37	411519104008	L.BLESSYEVANGLIN
38	411519104009	C.CHITRA
39	411519104001	G.AKASH
40	411519104002	G.ALTHAFKHAN
41	411519104003	S.ANSULJAFERA

42	411519104004	G.ARULMANI
43	411519104005	J.AUGUSTINRAJA
44	411519104006	M.AYESHAMUNAWAR
45	411519104007	P.BABYSWETHA
46	411519104008	L.BLESSYEVANGLIN
47	411519104009	C.CHITRA
48	411519104025	HARIHARAN
49	411520104015	ASHWINTH KK
50	411520104016	ATCHAYAR
51	411520104017	BRINDHA M
52	411520104018	CALEB J
53	411520104019	CHANDRAGUPTAN T
54	411520104020	DHAMODHARAN SK
55	411520104021	DHANASEHWAC R
56	411519104024	S. HARIHARAN

Ofline


PERI INSTITUTE OF TECHNOLOGY
COMPUTER SCIENCE AND ENGINEERING

II & III YEAR CSE						
Attendance Sheet for Boot Camp on Build your Own Virtual Assistant						
S.No	REG NO	NAME	31/01	01/02	02/02	03/02
1	411520104001	AARTHY K P	Arthy	Arthy	Arthy	AB
2	411520104002	AAYISHA K	Aayisha	Aayisha	Aayisha	Aayisha
3	411520104003	ABDUL LATHIEF AH	Althief	Althief	Althief	Althief
4	411520104004	ABIRAMI V	Abirami	Abirami	Abirami	Abirami
5	411520104012	ARUN KUMAR G	Arun	Arun	Arun	Arun
6	411520104013	ASHOKKUMAR M	Ashok	Ashok	Ashok	Ashok
7	411520104022	DINAKARAN C	Dinakara	Dinakara	Dinakara	Dinakara
8	411520104023	DINESH D	Dinesh	Dinesh	Dinesh	Dinesh
9	411520104024	DURGA V	Durga	Durga	Durga	Durga
10	411520104025	GANESH B	Ganesh	Ganesh	Ganesh	Ganesh
11	411520104038	KAMALESH B	Kamalesh	Kamalesh	Kamalesh	Kamalesh
12	411520104039	KARTHICK A	Karthick	Karthick	Karthick	Karthick
13	411520104040	KARTHICK SUBRAMANIYAN S	Karthick	Karthick	Karthick	Karthick
14	411520104041	KARUPPIAH K	Karupiah	Karupiah	Karupiah	Karupiah
15	411520104062	MURALIKRISHNAN R S	Murali	(AB)	Murali	Murali
16	411520104063	MUTHAZHAGAN A	Mutha	Mutha	Mutha	Mutha
17	411520104064	MUTHUPANDI P	Muthu	Muthu	Muthu	Muthu
18	411520104077	RAVISHANKAR G	Ravishankar	Ravishankar	Ravishankar	Ravishankar
19	411520104078	RITHICK R	Rithick	Rithick	Rithick	Rithick
20	411520104086	SHARAN G	Sharan	Sharan	Sharan	Sharan
21	411520104091	SOWMIYA B	Sowmiya	Sowmiya	Sowmiya	Sowmiya
22	411520104092	SRIKANTH R	Srikanth	Srikanth	Srikanth	Srikanth
23	411520104100	VARSHINI V	Varshini	Varshini	Varshini	Varshini
24	411520104101	VELMURUGAN D	Velmurugan	Velmurugan	Velmurugan	Velmurugan
25	411520104102	VENKATESH S	Venkatesh	Venkatesh	Venkatesh	Venkatesh
26	411520104104	VIJAYA HARSHITHA	Vijaya	Vijaya	Vijaya	Vijaya
27	411520104105	VIJAYAKUMAR D	Vijaya	Vijaya	Vijaya	Vijaya
28	411520104106	VISHNU B	Vishnu	Vishnu	Vishnu	Vishnu
29	411520104107	VISHVA B	(AB)	Vishva	Vishva	Vishva
30	411519104001	G.AKASH	Akash	Akash	Akash	Akash
31	411519104002	G.ALTHAFKHAN	Althaf	Althaf	Althaf	Althaf
32	411519104003	S.ANSULJAFERA	Ansul	Ansul	Ansul	Ansul
33	411519104004	G.ARULMANI	Arul	Arul	Arul	Arul
34	411519104005	J.AUGUSTINRAJA	Augustin	Augustin	Augustin	Augustin
35	411519104006	M.AYESHAMUNAWAR	Maya	Maya	Maya	Maya
36	411519104007	P.BABYSWETHA	Baby	Baby	Baby	Baby
37	411519104008	L.BLESSYEVANGLIN	Blessy	Blessy	Blessy	Blessy
38	411519104009	C.CHITRA	Chitra	Chitra	Chitra	Chitra
39	411519104001	G.AKASH	Akash	Akash	Akash	Akash
40	411519104002	G.ALTHAFKHAN	Althaf	Althaf	Althaf	Althaf
41	411519104003	S.ANSULJAFERA	Ansul	Ansul	Ansul	Ansul

42	411519104004	G.ARULMANI	G	A	G	A	G	A	G	A
43	411519104005	J.AUGUSTINRAJA	Aug	Aug	Aug	Aug	Aug	Aug	Aug	Aug
44	411519104006	M.AYESHAMUNAWAR	MA	MA	MA	MA	MA	MA	MA	MA
45	411519104007	P.BABYSWETHA	P	P	P	P	P	P	P	P
46	411519104008	L.BLESSYEVANGLIN	Blav	Blav	Blav	Blav	Blav	Blav	Blav	Blav
47	411519104009	C.CHITRA	Chitra	Chitra	Chitra	Chitra	Chitra	Chitra	Chitra	Chitra
48	411519104025	HARIHARAN	Hary	Hary	Hary	Hary	Hary	Hary	Hary	Hary
49	411520104015	ASHWINTH KK	AT	AT	AT	AT	AT	AT	AT	AT
50	411520104016	ATCHAYAR	AT	AT	AT	AT	AT	AT	AT	AT
51	411520104017	BRINDHA M	Brindha	Brindha	Brindha	Brindha	Brindha	Brindha	Brindha	Brindha
52	411520104018	CALEB J	Caleb	Caleb	Caleb	Caleb	Caleb	Caleb	Caleb	Caleb
53	411520104019	CHANDRAGUPTAN T	Chand	Chand	Chand	Chand	Chand	Chand	Chand	Chand
54	411520104020	DHAMODHARAN SK	GDH	GDH	GDH	GDH	GDH	GDH	GDH	GDH
55	411520104021	DHANASEHWAC R	DCR	DCR	DCR	DCR	DCR	DCR	DCR	DCR
56	411519104024	S. HARIHARAN	Shu	Shu	Shu	Shu	Shu	Shu	Shu	Shu


HOD/CSE


IQAC Coordinator
Coordinator
Internal Quality Assurance Cell
PERI Institute of Technology
Mannivakkam Chennai-600 948.


Principal
Dr. R. PALSON KENNEDY, M.E., Ph.D.
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048

To

Mr.BALAJI MUNUSAMY
Machine Learning Engineer,
OPEN WEAVER,Chennai.

From

The Principal
PERI Institute of Technology,
Mannivakkam-48

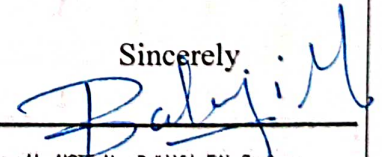
Subject: Proposal for program

Dear Madam,

I would like to conduct a training program "Build your virtual assistant" for our students in our Institution. Effective training programs themselves in order to generate optimum learning outcomes and improved performance. The training program will take place in College and will gather around 60 participants. It is planned as an intensive 1 day training course using the method of formal education in order to create an appropriate learning environment by focusing on learning by experience, reflection on the past activities of the participants, discussions about the key competencies of youth work and discovering training competencies and methodology. So I invite you to share your experience and to enable our students will attend the interview in successful.

Thank you for your consideration. Waiting to hear from you.

Sincerely,



Campus :
No.1, Near West Tambaram, Mannivakkam, Chennai - 600 048.
Ph : +91 44 6681 3331 /32/33, Fax : +91 44 6681 3331,
| admin@perischool.com | www.peri.com.

Corporate Office ;
No.4, 9th Avenue, Ashok Nagar, Chennai - 600083.
Phone ; +91 44 6682 5700 Fax ; +91 44 24893275.

Approved by AICTE, New Delhi Vide F.No.Southern
/1-2451485875/2015/EOA dt 7/4/2015
Affiliated to Anna University of Technology, Chennai
vide 02/AFFLN/CA/AU/2015-16/4115 dt.12/5/2015

PERI INSTITUTE OF TECHNOLOGY
Mannivakkam-48
Department of Computer Science and Engineering

FEEDBACK FORM

Name of the Participant	:	AARJAY . K . P			
Name of the Event	:	Use tick mark <input type="checkbox"/>	Worksh(,) <input type="checkbox"/>	Seminar <input checked="" type="checkbox"/>	Training <input type="checkbox"/>
Event Participant	:	<input checked="" type="checkbox"/> Internal <input type="checkbox"/> External	Name of the college	:	PERI DT

Your feedback is valuable to ensure we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so we can serve you better.

Title of the Event	:	BUILD YOUR BOOT CAMP.			
Date	:	31/01/2021.			
Name of the Instructor/Organization	:	MR. BALAJI MUNUSAMY			

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

S. No	Evaluation Statements	Strongly Agree	Agree	Disagree	Strongly Disagree
1.	The content was already described as in publicity materials	4 ✓	3	2	1
2.	The program was well paced within allotted time	4	3 ✓	2	1
3.	The material was presented in an organized manner	4 ✓	3	2	1
4.	The instructors' knowledge on the topic was good.	4	3 ✓	2	1
5.	The instructors explained the material well and provided real-world examples.	4 ✓	3	2	1
6.	The balance between lectures and hands-on sessions was optimal.	4 ✓	3	2	1
7.	I will recommended this seminar/workshop/conference to other conservators	4	3 ✓	2	1
8.	I would be interested in attending a follow up, more advance seminar/workshop/conference on the same subject.	4 ✓	3	2	1
9.	The tutorial options accommodated the differing interests of participants.	4 ✓	3	2	1
10.	Overall, the event met my expectations.	4	3 ✓	2	1

Signature

PERI INSTITUTE OF TECHNOLOGY
Mannivakkam-48
Department of Computer Science and Engineering

FEEDBACK FORM

Name of the Participant	:	Praveen Kumar S			
Name of the Event	:	Use tick mark <input type="checkbox"/> Workshop <input checked="" type="checkbox"/>	Seminar <input checked="" type="checkbox"/>	Training <input type="checkbox"/>	
Event Participant	:	<input checked="" type="checkbox"/> Internal <input type="checkbox"/> External	Name of the college	:	Peri ET

Your feedback is valuable to ensure we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so we can serve you better.

Title of the Event	:	Build Your Bootcamp			
Date	:	31/01/2022			
Name of the Instructor/Organization	:	Mr. Balaji Munusamy			

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

S. No	Evaluation Statements	Strongly Agree	Agree	Disagree	Strongly Disagree
1.	The content was already described as in publicity materials	4 ✓	3	2	1
2.	The program was well paced within allotted time	4	3	2 ✓	1
3.	The material was presented in an organized manner	4 ✓	3	2	1
4.	The instructors' knowledge on the topic was good.	4	3 ✓	2	1
5.	The instructors explained the material well and provided real-world examples.	4	3	2	1
6.	The balance between lectures and hands-on sessions was optimal.	4 ✓	3	2	1
7.	I will recommended this seminar/workshop/conference to other conservators	4	3 ✓	2	1
8.	I would be interested in attending a follow up, more advance seminar/workshop/conference on the same subject.	4	3	2 ✓	1
9.	The tutorial options accommodated the differing interests of participants.	4 ✓	3	2	1
10.	Overall, the event met my expectations.	4 ✓	3	2	1

S. Praveen
Signature

PERI INSTITUTE OF TECHNOLOGY
Mannivakkam-48
Department of Computer Science and Engineering

FEEDBACK FORM

Name of the Participant	:	G. Akash			
Name of the Event	:	Use tick mark <input type="checkbox"/> Workshop <input type="checkbox"/> Seminar <input checked="" type="checkbox"/> Training			
Event Participant	:	<input checked="" type="checkbox"/> Internal <input type="checkbox"/> External	Name of the college	:	PERI IT

Your feedback is valuable to ensure we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so we can serve you better.

Title of the Event	:	Build your bootcamp
Date	:	31/01/2022
Name of the Instructor/Organization	:	Mr. Balaji Munusamy

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

S. No	Evaluation Statements	Strongly Agree	Agree	Disagree	Strongly Disagree
1.	The content was already described as in publicity materials	4 ✓	3	2	1
2.	The program was well paced within allotted time	4	3	2 ✓	1
3.	The material was presented in an organized manner	4	3 ✓	2	1
4.	The instructors' knowledge on the topic was good.	4	3 ✓	2	1
5.	The instructors explained the material well and provided real-world examples.	4 ✓	3	2 ✓	1
6.	The balance between lectures and hands-on sessions was optimal.	4	3	2 ✓	1
7.	I will recommended this seminar/workshop/conference to other conservators	4 ✓	3	2	1 ✓
8.	I would be interested in attending a follow up, more advance seminar/workshop/conference on the same subject.	4	3	2	1 ✓
9.	The tutorial options accommodated the differing interests of participants.	4 ✓	3	2	1
10.	Overall, the event met my expectations.	4	3	2 ✓	1

G. Akash
Signature

PERI INSTITUTE OF TECHNOLOGY
Mannivakkam-48
Department of Computer Science and Engineering

FEEDBACK FORM

Name of the Participant	:	Gowndar? Jasmitha			
Name of the Event	:	Use tick mark <input type="checkbox"/>	Workshp <input type="checkbox"/>	Seminar <input checked="" type="checkbox"/>	Training
Event Participant	:	Internal <input checked="" type="checkbox"/>	External <input type="checkbox"/>	Name of the college	:
				Peri IT	

Your feedback is valuable to ensure we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so we can serve you better.

Title of the Event	:	Build your bootcamp			
Date	:	31/01/2022			
Name of the Instructor/Organization	:	Mr. Balaji Monusamy			

Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

S. No	Evaluation Statements	Strongly Agree	Agree	Disagree	Strongly Disagree
1.	The content was already described as in publicity materials	4 ✓	3	2	1
2.	The program was well paced within allotted time	4	3 ✓	2	1
3.	The material was presented in an organized manner	4 ✓	3	2	1
4.	The instructors' knowledge on the topic was good.	4	3	2 ✓	1
5.	The instructors explained the material well and provided real-world examples.	4	3	2	1 ✓
6.	The balance between lectures and hands-on sessions was optimal.	4	3 ✓	2	1
7.	I will recommended this seminar/workshop/conference to other conservators	4 ✓	3	2	1
8.	I would be interested in attending a follow up, more advance seminar/workshop/conference on the same subject.	4	3 ✓	2	1
9.	The tutorial options accommodated the differing interests of participants.	4 ✓	3	2	1
10.	Overall, the event met my expectations.	4	3	2 ✓	1

G. Jasmitha
Signature

PERI

INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Organizes

ADD ON COURSE IN

“BOOTCAMP ON BUILD YOUR OWN VIRTUAL ASSISTANT”

CERTIFICATE
OF PARTICIPATION

This is to certify that Mr / Ms. Aarthy K P
of II Year, Computer Science and Engineering, PERI Institute of Technology has
completed an add on course in **BOOTCAMP ON BUILD YOUR OWN VIRTUAL
ASSISTANT** held from **31ST JAN 2022** to **03RD FEB 2022**.


PRINCIPAL


COURSE COORDINATOR

PERI

INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Organizes

ADD ON COURSE IN

“BOOTCAMP ON BUILD YOUR OWN VIRTUAL ASSISTANT”

CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms. Praveen Kumar S
of II Year, Computer Science and Engineering, PERI Institute of Technology has
completed an add on course in **BOOTCAMP ON BUILD YOUR OWN VIRTUAL
ASSISTANT** held from **31ST JAN 2022** to **03RD FEB 2022**.


PRINCIPAL


COURSE COORDINATOR

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

REF : PERIIT/CSEAT2021

DATE: 11-11-2021


This is to inform that the following enrolled students will have Full Stack Development training on the following scheduled date and all of you attend regularly and get benefits of this training. This training will be held on the following venue.

DATE : 22-11-2021 TO 26-11-2021

TIME : 8.30 AM – 3.30 PM

PLACE: CONFERENCE HALL


HEAD OF DEPARTMENT
PERI Institute of Technology
Mannivakkam, Chennai - 600 048.



PRINCIPAL

Copy to I,II & III yr classes

CC : HOD/ECE/EEE/CSE/MECH/CIVIL

EVENT SCHEDULE

COMPANY	EVENT	DATE & TIME
Mr.Vignesh Trainer, Shan Software Solutions	FULL STACK DEVELOPMENT	22-11-2021 TO 26-11-2021 8.30 AM TO 3.30 PM VENUE : PERIIT CONFERENCE HALL
PARTICIPATION	I,II & III YEAR CSE STUDENTS	


HOD of Computer Science and Engineering IIC
HOD of Computer Science and Engineering IIC
PERI Institute of Technology
Mannivakkam, Chennai-600 048.

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam-48

Department of Computer Science and Engineering

Course Code: CS021A

Course Name: Schedule-Full Stack Development

Date	Session	Topic covered
DATE : 22-11-2021 TO 26-11-2021 TIME : 8.30 AM – 3.30 PM VENUE: CONFERENCE HALL	FN &AN	Introduction HTML • HTML Basics • HTML Elements • HTML5 Semantic • HTML Attributes • HTML Headings • HTML Paragraph • HTML styles • HTML Formatting • HTML Quotations • HTML Computer Code • HTML Comments & Colors
	FN &AN	Introduction CSS3 • CSS3 syntax • CSS3 How To • CSS3 Colours • CSS3 Backgrounds • CSS3 Borders • CSS Padding • CSS Height/Width • CSS3 Gradients • CSS3 Shadows • CSS3 Text • CSS3 Fonts • CSS3 2D Transforms • CSS3 3D Transforms
	FN &AN	Introduction to Bootstrap • Bootstrap Basics • Bootstrap Grids • Bootstrap Themes • Bootstrap CSS • Bootstrap JS
	FN &AN	Introduction to JavaScript • JavaScript Language Basics • JavaScript Objects • JavaScript Scope • JavaScript Events • JavaScript Strings
	FN &AN	Using PHP • Embedding PHP in HTML • Adding Dynamic Content • Accessing Form Variables

PERI

INSTITUTE OF TECHNOLOGY

Date: 15-11-2021

To

Mr.Vignesh
Trainer,Shan Software Solutions,
Chennai.

,From

The Principal
PERI Institute of Technology,
Mannivakkam-48

Subject: Proposal for program

Dear Madam,

I would like to conduct training Program "FULLSTACK DEVELOPMENT" for our students in our Institution. Effective training programs themselves in order to generate optimum learning outcomes and improved performance. The training course will take place in college and will gather 40 participants. It is planned as an intensive 5 days training course using the method of formal education in order to create an appropriate learning environment by focusing on learning by experience, reflection on the past activities of the participants, discussions about the key competencies of youth work and discovering training competencies and methodology. So I invite you to share your experience and to enable our students will attend the interview in successful.

Thank you for your consideration. Waiting to hear from you.


Sincerely

Campus :

No.1, Near West Tambaram, Mannivakkam, Chennai - 600 048.
Ph : +91 44 6681 3331 /32/33, Fax : +91 44 6681 3331,
| admin@perischool.com | www.periit.com.

Corporate Office :

No.4, 9th Avenue, Ashok Nagar, Chennai - 600083.
Phone : +91 44 6682 5700 Fax : +91 44 24893275.

Approved by AICTE, New Delhi Vide F.No.Southern
/1-2451485875/2015/EOA dt 7/4/2015
Affiliated to Anna University of Technology, Chennai
vide O2/AFFLN/CA/AU/2015-16/4115 dt.12/5/2015

PERI INSTITUTE OF TECHNOLOGY
COMPUTER SCIENCE AND ENGINEERING
Academic Year 2021-2022 Students Name List
for Full Stack Development

S.No	REG NO	NAME
1	411522104048	Karthika R.
2	411522104052	Keerthiga N.
3	411522104059	Madhan Kumar P.
4	411522104070	Narmadha S
5	411522104081	Preechi S
6	411522104082	Premchand P.
7	411522104083	Priya S
8	411522104087	Rohit K.
9	411522104093	Sanjay S
10	411522104094	Santhosh A.
11	411522104104	Siva S.
12	411522104105	Siva Vishnuraja I.
13	411522104107	Srinivasan P
14	411522104118	Varshini S
15	411522104123	Yashwin Raj M
16	411522104124	Yogeswaran S.
17	411522243011	Jaisurya K
18	411522243012	Karpagam C.
19	411522243015	Kotteeswari S
20	411522243016	Manasa M
21	411522243017	Merin Priya R
22	411522243018	Mohamed Mushthaq J
23	411522243019	Mohamed Rafith H
24	411522243027	Sachin S
25	411522243030	Tamilselvan R
26	411522243031	Yuganthi D
27	411521104009	Arul Pandian P
28	411521104010	Ashwin V
29	411521104011	Bargavi A V
30	411521104033	Elakya R
31	411521104034	Franklin Joshwa S
32	411521104042	Harish S
33	411521104044	Ishasri P
34	411521104056	Keerthika M
35	411521104057	Keerthivasan S
36	411521104058	Kowsalya B
37	411521104059	Lakshmi Priya M
38	411521104090	Ramya R
39	411521104097	Sai Prasanth A

40	411521104098	Sakthi Aswin S
41	411521104313	Raman C
42	411521104314	Sakthivel B
43	411521104315	Sam Francis Xavier R P

Sakthi Aswin S

PERI INSTITUTE OF TECHNOLOGY
COMPUTER SCIENCE AND ENGINEERING

I,II & III YEAR CSE							
Full Stack Development-Attendance Sheet							
S.No	REG NO	NAME	22/11	23/11	24/11	25/11	26/11
1	411522104048	Karthika R.	Karthika	Karthika	Karthika	Karthika	Karthika
2	411522104052	Keerthiga N.	Keerthiga	Keerthiga	Keerthiga	Keerthiga	Keerthiga
3	411522104059	Madhan Kumar P.	M	M	M	M	M
4	411522104070	Narmadha S	N	N	N	N	N
5	411522104081	Preechi S	P	P	P	P	P
6	411522104082	Premchand P.	P	P	P	P	P
7	411522104083	Priya S	P	P	P	P	P
8	411522104087	Rohit K.	R	R	R	R	R
9	411522104093	Sanjay S	S	S	S	S	S
10	411522104094	Santhosh A.	S	S	S	S	S
11	411522104104	Siva S.	S	S	S	S	S
12	411522104105	Siva Vishnuraja I.	S	S	S	S	S
13	411522104107	Srinivasan P	S	S	S	S	S
14	411522104118	Varshini S	V	V	V	V	V
15	411522104123	Yashwin Raj M	Y	Y	Y	Y	Y
16	411522104124	Yogeswaran S.	Y	Y	Y	Y	Y
17	411522243011	Jaisurya K	J	J	J	J	J
18	411522243012	Karpagam C.	K	K	K	K	K
19	411522243015	Kotteeswari S	K	K	K	K	K
20	411522243016	Manasa M	M	M	M	M	M
21	411522243017	Merin Priya R	M	M	M	M	M
22	411522243018	Mohamed Mushthaq J	M	M	M	M	M
23	411522243019	Mohamed Rafith H	M	M	M	M	M
24	411522243027	Sachin S	S	S	S	S	S
25	411522243030	Tamilselvan R	T	T	T	T	T
26	411522243031	Yuganthi D	Y	Y	Y	Y	Y
27	411521104009	Arul Pandian P	A	A	A	A	A
28	411521104010	Ashwin V	A	A	A	A	A
29	411521104011	Bargavi A V	B	B	B	B	B
30	411521104033	Elakya R	E	E	E	E	E
31	411521104034	Franklin Joshwa S	F	F	F	F	F
32	411521104042	Harish S	H	H	H	H	H
33	411521104044	Ishasri P	I	I	I	I	I
34	411521104056	Keerthika M	K	K	K	K	K
35	411521104057	Keerthivasan S	K	K	K	K	K
36	411521104058	Kowsalya B	K	K	K	K	K
37	411521104059	Lakshmi Priya M	L	L	L	L	L
38	411521104090	Ramya R	R	R	R	R	R
39	411521104097	Sai Prasanth A	S	S	S	S	S

40	411521104098	Sakthi Aswin S	SA	SA	SA	SA	SA
41	411521104313	Raman C	Rama	Rama	AP	Rama	Raman
42	411521104314	Sakthivel B	S. A	S. B	S. B	S. B	S. B
43	411521104315	Sam Francis Xavier R P	S. R	S. R	S. R	S. R	S. R

[Handwritten Signature]
HOD/CSE

[Handwritten Signature]
IQAC Coordinator
Coordinator
Internal Quality Assurance Cell
PERI Institute of Technology
Mannivakkam Chennai-600 048.

[Handwritten Signature]
Principal
Dr. R. PALSON KENNEDY, M.E., Ph.D.
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048

Mannivakkam-48
Department of Computer Science and Engineering

FEEDBACK FORM

Name of the Participant	:	Lavanya P			
Name of the Event	:	Use tick mark <input type="checkbox"/>	Workshop <input type="checkbox"/>	Seminar <input checked="" type="checkbox"/>	Training
Event Participant	:	<input type="checkbox"/> Internal	Name of the college	:	
		<input type="checkbox"/> External			

-----Your feedback is valuable to ensure we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so we can serve you better.-----

Title of the Event	:	Full Stack Development			
Date	:	22-11-2021			
Name of the Instructor/Organization	:	Mr. Vignesh / Shan software solutions			

-----Please respond to the following statements by using the 4-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.-----

S. No	Evaluation Statements	Strongly Agree	Agree	Disagree	Strongly Disagree
1.	The content was already described as in publicity materials	4	(3)	2	1
2.	The program was well paced within allotted time	(4)	3	2	1
3.	The material was presented in an organized manner	(4)	3	2	1
4.	The instructors' knowledge on the topic was good.	4	(3)	2	1
5.	The instructors explained the material well and provided real-world examples.	4	(3)	2	1
6.	The balance between lectures and hands-on sessions was optimal.	(4)	3	2	1
7.	I will recommended this seminar/workshop/conference to other conservators	4	(3)	2	1
8.	I would be interested in attending a follow up, more advance seminar/workshop/conference on the same subject.	4	(3)	2	1
9.	The tutorial options accommodated the differing interests of participants.	(4)	3	2	1
10.	Overall, the event met my expectations.	4	(3)	2	1

Signature

CERTIFICATE of Completion

THIS CERTIFICATE AWARDED TO

Arul Pandian P

For his outstanding performance completing Fullstack Development Course
Course from 22nd November to 26th November 2021.



TRAINER
SHAN SOFTWARE
SOLUTIONS

11/18/22, 11:41 AM

durga.jpg



CERTIFICATE of Completion

THIS CERTIFICATE AWARDED TO

Durga V

For her outstanding performance completing Fullstack Development Course
Course from 22nd November to 26th November 2021.

Vignesh

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CERTIFICATE of Completion

THIS CERTIFICATE AWARDED TO

Gownori Jasmitha

For her outstanding performance completing Fullstack Development Course
Course from 22nd November to 26th November 2021.

Vignesh

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CERTIFICATE of Completion

THIS CERTIFICATE AWARDED TO

Kamalesh B

For his outstanding performance completing Fullstack Development Course
Course from 22nd November to 26th November 2021.

Vignesh

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PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2020-2021


Ref: PERIIT /ECE/Add-On Course/2021-22/01

Date: 06.09.2021

CIRCULAR

The Electronics and Communication Engineering Department of PERI IT has planned to conduct Add-on course titled "CYBER SECURITY AND WEB DESIGNING " for the Academic Year 2021 – 2022 for IV year ECE students. Course will be conducted on Monday, Wednesday and Friday of every week, timing of course mentioned below.

S.No.	Year	Scheduled Date	Session
1	IV	14.09.2021 -14.10.2021	10.15AM to 11.45AM


Co-ordinator


Head of the Department

Copy To:

1. Principal
2. Vice – Principal
3. IQAC
4. Faculty Members -ECE
5. Notice Board

Head of the Department
ELECTRONICS AND COMMUNICATION ENGINEERING
PERI INSTITUTE OF TECHNOLOGY
CHENNAI - 600 048.

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2021-2022

Minutes of Meeting for Add-On Course-ECA019

Venue: HOD Room, Beta Block , PERI

Date:08/09/2021 Time:1200pm-1.00pm

Agenda of the meeting:

1. Syllabus preparation
2. Tentative Time Table
3. Assessment method

Members present:

1. Dr.M.Ramkumar Prabhu,HOD/ECE
2. Mr.Avinash,Trainer,Anudip Foundation.
3. Ms.Lakshmi priya, Co-ordinator
4. Dr.G.Charulatha, Associate Professor, ECE

Ms.Lakshmi priya Coordinator welcomed and briefed the committee members about the agenda.

Agenda Item 1:Syllabus preparation for Cyber Security and web designing.

The syllabus is framed accordingly in order to meet the objectives of the course, various Universities, IITs, NITs syllabus has been taken into consideration for syllabus preparation.

Agenda Item 2: Tentative Time Table

The timetable is prepared as per the university requirement and communicated to the subject expert.

Agenda Item 3: Assessment method

Assessment will be conducted at the end of the course



Coordinator



Senior faculty member



HOD/ECE



PRINCIPAL

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600048

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SHORT DESCRIPTION

Course Code: ECA019

Course Name: Cyber Security and Web designing

Cyber security is the protection of computer systems and networks from attacks by malicious actors that may result in unauthorized information disclosure, theft of, or damage to hardware, software, or data, as well as from the disruption or misdirection of the services they provide. Web design is the process of planning, conceptualizing, and arranging content online. Web design also includes web apps, mobile apps, and user interface (UI) design, and user experience (UX).

COURSE OBJECTIVES

- To understand various types of cyber-attacks and cyber-crimes
- To learn threats and risks within context of the cyber security
- To have an overview of the cyber laws & concepts of cyber forensics
- To study the defensive techniques against these attacks

COURSE OUTCOMES

- Analyze and evaluate the cyber security needs of an organization.
- Understand Cyber Security Regulations and Roles of International Law.
- Design and develop a security architecture for an organization.
- Understand fundamental concepts of data privacy attacks

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SYLLABUS

MODULE I: Introduction to Cyber Security: Basic Cyber Security Concepts, layers of security, Vulnerability, threat, Harmful acts, Internet Governance – Challenges and Constraints, Computer Criminals, CIA Triad, Assets and Threat, motive of attackers, active attacks, passive attacks, Software attacks, hardware attacks, Cyber Threats-Cyber Warfare, Cyber Crime, Cyber terrorism, Cyber Espionage, etc., Comprehensive Cyber Security Policy.

MODULE II: Cyber crime: Mobile and Wireless Devices: Introduction, Proliferation of Mobile and Wireless Devices, Trends in Mobility, Credit card Frauds in Mobile and Wireless Computing Era, Security Challenges Posed by Mobile Devices, Registry Settings for Mobile Devices, Authentication service Security, Attacks on Mobile/Cell Phones, Organizational security Policies and Measures in Mobile Computing Era, Laptops

MODULE III: Introduction to Web Design. Client and Server Software.-Domain Names & DNS-Careers in Web Technologies-Static & Dynamic-Introduction of Stock Photography-Using Photoshop Tools-Types of Images and Image Editing Tools-Design Banners, Basic Website Layout-Layers, Actions and Filters-Design Complex Website Layout-Creating Custom Effects

MODULE IV: Structure of HTML-Basic and Advanced HTML Tags-DHTML Basic tags-Doc Types-JavaScript-Website Testing-Types of Java Scripts-Objects, Events and DOM-Variables, operators, loops-Graphics-Creating a Button- Creating a Web Photo Album-Creating a Web Page Banner-Website Creation-Creating a concept and layout-Choosing Stock Photography-Choosing a Color Scheme-Design a Professional Layout-Texture and Typography-Implementing JavaScript.



Coordinator



HOD/ECE

PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

Course Code: ECA019

Year/Semester:III/VI

Course Name: Cyber Security and Web Designing

Session: FN

S.No	DATE	HOURS	TOPIC
1	14.09.21	3 rd & 4th	Introduction to Cyber Security: Basic Cyber Security Concepts, layers of security, Vulnerability, threat, Harmful acts, Internet Governance
2	15.09.21	3 rd & 4th	Challenges and Constraints, Computer Criminals, CIA Triad, Assets and Threat
3	17.09.21	3 rd & 4th	Motive of attackers, active attacks, passive attacks, Software attacks, hardware attacks.
4	20.09.21	3 rd & 4th	Cyber Warfare, Cyber Crime, Cyber terrorism, Cyber Espionage, etc., Comprehensive Cyber Security Policy.
5	22.09.21	3 rd & 4th	Cyber crime: Mobile and Wireless Devices: Introduction, Proliferation of Mobile and Wireless Devices.
6	24.09.21	3 rd & 4th	Trends in Mobility, Credit card Frauds in Mobile and Wireless Computing Era.
7	27.09.21	3 rd & 4th	Security Challenges Posed by Mobile Devices, Registry Settings for Mobile Devices, Authentication service Security.
8	29.09.21	3 rd & 4th	Attacks on Mobile/Cell Phones, Organizational security Policies and Measures in Mobile Computing Era, Laptops
9	01.10.21	3 rd & 4th	Introduction to Web Design.Client and Server Software.- Domain Names & DNS.
10	04.10.21	3 rd & 4th	Careers in Web Technologies-Static& Dynamic-Introduction of Stock Photography-Using Photoshop Tools
11	06.10.21	3 rd & 4th	Types of Images and Image Editing Tools-Design Banners, Basic Website Layout-Layers.
12	08.10.21	3 rd & 4th	Actions and Filters-Design Complex Website Layout-Creating Custom Effects
13	11.10.21	3 rd & 4th	Structure of HTML-Basic and Advanced HTML Tags-DHTML Basic tags-Doc Types-JavaScript-Website Testing
14	13.10.21	3 rd & 4th	Types of Java Scripts-Objects, Events and DOM-Variables, operators, loops-Graphics-Creating a Button- Creating a Web Photo Album-Creating a Web Page Banner-
15	14.10.21	3 rd & 4th	Website Creation-Creating a concept and layout-Choosing Stock Photography-Choosing a Color Scheme-Design a Professional Layout-Texture and Typography-Implementing JavaScript.


Coordinator


HOD/ECE

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE
ACADEMIC YEAR 2021-2022
IV/ECE

S.NO.	REG. NO	STUDENT NAME
1	411518106001	ABINAYA S
2	411518106002	AJAYKUMAR D
3	411518106004	ANGELO JUDE DUMENIL
4	411518106007	ASHWINI M
5	411518106008	ASLAM BADUS HA I
6	411518106009	BARATHWAJ K R
7	411518106011	BEVINA M
8	411518106012	BUDDANNAGARI MADHU
9	411518106014	DINESH S
10	411518106015	EVANGLIN S
11	411518106017	GENJI MUKHESH REDDY
12	411518106018	GOKUL KRISHNAN M
13	411518106019	HABIBUNNISHA
14	411518106020	INTHIRAN R
15	411518106021	ISHRATH JABEEN S
16	411518106023	JAYAKAMALA NARAYANAN N
17	411518106024	JEEVA B M
18	411518106026	KALAIVANI CHAKKARAPANI
19	411518106028	KAVITHA R
20	411518106030	KIRUBAKARAN S
21	411518106031	KOKILAVANI P
22	411518106036	MALLAVARAPU SHREYA
23	411518106037	MANOJ KUMAR N
24	411518106038	MIDHUNA VARSHINI J
25	411518106039	MOHANKUMAR P
26	411518106046	NIDHI SELVAN J C
27	411518106048	PRASANTH R
28	411518106049	PRAVEENA R
29	411518106050	PRAWIN CHANDAR B
30	411518106054	RAMESH ARAVIND T
31	411518106055	RAYAPATI SOWMYA SUHANNA PRIYA
32	411518106056	RINOZA K
33	411518106059	SANJAI SAIRAM S K
34	411518106064	SUNDAR R
35	411518106065	SURYA D

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DEPARTMENT OF ECE
ACADEMIC YEAR 2021-2022
IV/ECE**

36	411518106067	SUVASNA M
37	411518106069	VAKA HARSHITHA
38	411518106072	YASER ABDUL RAHEEM K S
39	411518106003	AKASH PRIYADHARSAN B
40	411518106005	ANUGU PAVAN
41	411518106006	ARIVUKARASU T
42	411518106010	BESTHA BHAVANA RAVIKUMAR
43	411518106013	CHANDRU M
44	411518106016	GANESH A
45	411518106022	JANANI PRIYA D
46	411518106025	JOTHIKA V
47	411518106027	KAMALESH J
48	411518106029	KIRAN RAJ A
49	411518106032	KUMARAN K
50	411518106033	LAGADAPATI BADRINATH
51	411518106035	MAHESH KUMAR V
52	411518106040	MONISH B
53	411518106041	MUKESH S
54	411518106042	MUKUNTHAN S
55	411518106043	NAGASUBA G
56	411518106044	NAVEEN S
57	411518106045	NEELAM PRANAY SA
58	411518106047	NITHISH KUMAR C
59	411518106051	PREM KUMAR M D
60	411518106052	RAGAPRIYA M
61	411518106057	RITHICKANAND N
62	411518106058	SAMEERA BANU B
63	411518106060	SANJAY RAMESH R
64	411518106062	SRIRAM I
65	411518106063	SUJAI MATHEW B
66	411518106066	SURYA G
67	411518106068	THIRAVIDAR SELVAM G
68	411518106070	VENKATESH R
69	411518106071	YAKESH G
70	411518106301	ARUN KUMAR.E
71	411518106302	LOGESH.S
72	411518106303	ZAINUL KHAN.A

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE

Attendance Sheet for Cyber Security and Web Designing(14.09.21-14.10.21)

S.NO	REG. NO.	NAME OF THE STUDENT	14/9	15/9	17/9	20/9	22/9	24/9	27/9	29/9	1/10	3/10	5/10	8/10	11/10	13/10	14/10
1	411518106001	Abinaya S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	411518106002	Ajaykumar D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	411518106004	Angelo Jude Dumenil	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	411518106007	Ashwini M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	411518106008	Aslam Badus Ha I	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	411518106009	Barathwaj K R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	411518106011	Bevina M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	411518106012	Buddannagari Madhu	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	411518106014	Dinesh S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	411518106015	Evanglin S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	411518106017	Genji Mukhesh Reddy	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	411518106018	Gokul Krishnan M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	411518106019	Habibunnisha	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	411518106020	Inthiran R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	411518106021	Ishrath Jabeen S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	411518106023	Jayakamala Narayanan N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	411518106024	Jeeva B M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	411518106026	Kalaivani Chakkarapani	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	411518106028	Kavitha R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	411518106030	Kirubakaran S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	411518106031	Kokilavani P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	411518106036	Mallavarapu Shreya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	411518106037	Manoj Kumar N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	411518106038	Midhuna Varshini J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	411518106039	Mohankumar P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	411518106046	Nidhi Selvan J C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	411518106048	Prasanth R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	411518106049	Praveena R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	411518106050	Prawin Chandar B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	411518106054	Ramesh Aravind T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	411518106055	Rayapati Sowmya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32	411518106056	Rinoza K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	411518106059	Sanjai Sairam S K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34	411518106064	Sundar R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35	411518106065	Surya D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	411518106067	Suvasna M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37	411518106069	Vaka Harshitha	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38	411518106072	Yaser Abdul Raheem K S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39	411518106003	Akash Priyadharsan B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40	411518106005	Anugu Pavan	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41	411518106006	Arivukarasu T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
42	411518106010	Bestha Bhavana	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
43	411518106013	Chandru M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
44	411518106016	Ganesh A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
45	411518106022	Janani Priya D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

46	411518106025	Jothika V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
47	411518106027	Kamalesh J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
48	411518106029	Kiran Raj A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49	411518106032	Kumaran K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
50	411518106033	Lagadapati Badrinath	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	a	/
51	411518106035	Mahesh Kumar V	a	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
52	411518106040	Monish B	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
53	411518106041	Mukesh S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
54	411518106042	Mukunthan S	/	a	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
55	411518106043	Nagasuba G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
56	411518106044	Naveen S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
57	411518106045	Neelam Pranay Sa	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
58	411518106047	Nithish Kumar C	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/	/	/
59	411518106051	Prem Kumar M D	/	/	/	a	/	/	/	a	/	a	/	/	/	/	/	/	/
60	411518106052	Ragapriya M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
61	411518106057	Rithickanand N	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
62	411518106058	Sameera Banu B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
63	411518106060	Sanjay Ramesh R	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
64	411518106062	Sriram I	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
65	411518106063	Sujai Mathew B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
66	411518106066	Surya G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
67	411518106068	Thiravidar Selvam G	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
68	411518106070	Venkatesh R	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
69	411518106071	Yakesh G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
70	411518106301	Arun Kumar.E	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
71	411518106302	Logesh.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
72	411518106303	Zainul Khan.A	a	/	/	a	/	/	/	a	/	/	/	/	/	/	/	/	/
PRESENT			70	68	68	67	68	71	66	63	70	69	67	70	68	72			
ABSENT			02	04	04	05	04	01	06	09	02	03	05	02	04	-			


Coordinator


HOD/ECE


Dr. R. PALSON KENNEDY, M.E., Ph.D.
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Mannivakkam, Chennai - 600 048

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM

ACADEMIC YEAR 2021-2022

Name of the Student: *R. Praveena*

Register No: *411518106049*

Year: *04th*

Date of Feedback: *14-10-21*

Course Name: *Cyber security and web Designing*

1. How do you value the course content?

The course content was very interesting.

2. How would you understand the content delivery by the instructor?

The content delivery by the instructor is understandable

3. Write the overall quality of the program

The overall quality of the program is very valuable

4. Will you recommend this program to your friends/juniors/seniors?

of course

Suggestions to improve, if any:

NO suggestions.

R. Praveena
Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM

ACADEMIC YEAR 2021-2022

Name of the Student: Barathraj K R. Register No: 411518106009
Year: Final Date of Feedback: 14.10.21
Course Name: Cyber Security & web designing

1. How do you value the course content?

The course content was very interesting & helped.

2. How would you understand the content delivery by the instructor?

The content delivery by the instructor was good.

3. Write the overall quality of the program

The overall quality of the program is valuable

4. Will you recommend this program to your friends/juniors/seniors?

Yes

Suggestions to improve, if any: NO

Barathraj
Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM

ACADEMIC YEAR 2021-2022

Name of the Student: Kavitha R

Register No: 411518106028

Year: Final

Date of Feedback: 14.10.21

Course Name: Cyber Security & web designing .

1. How do you value the course content?

The course content was very interesting & helped .

2. How would you understand the content delivery by the instructor?

The content delivery by the instructor easily understandable

3. Write the overall quality of the program

The overall quality of the program is more valuable for us .

4. Will you recommend this program to your friends/juniors/seniors?

of course

Suggestions to improve, if any: NO

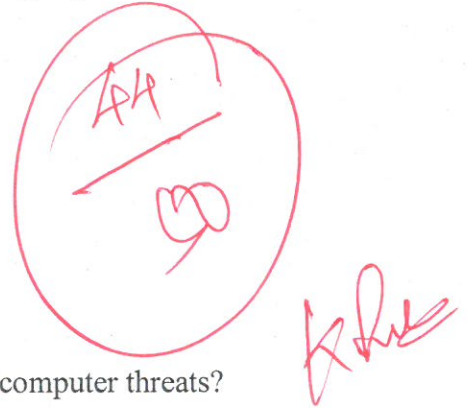
Kavitha R

Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ASSESSMENT ON CYBER SECURITY AND WEB DESIGNING

1) Which of these describes an ongoing pursuit by an individual/group?

- a) Stalking
- b) Identity theft
- c) Phishing
- d) Bulling



2) Which one of the following is considered in the category of computer threats?

- a) Soliciting
- b) DoS attack
- c) Phishing
- d) Both A and B

3) Which of the following typically keeps tabs on every online activity the victim engages in, compiles all the data in the background, and sends it to a third party?

- a) Adware
- b) Malware
- c) Spyware
- d) All of the above

4) Which one is considered to be a type of antivirus program?

- a) Kaspersky
- b) McAfee
- c) Quick heal
- d) All of the above

5) Which of these scanners for ports and IP addresses is most used by users?

a) Cain and Abel

b) Ettercap

c) Snort

d) Angry IP Scanner

6) Which of the following phrases describes taking someone else's creation or idea and using it for one's own advantage?

a) Intellectual property rights

b) Piracy

c) Plagiarism

d) All of the above

7) Which of the following describes investigating moral conduct concerning the digital media landscape?

a) Cyberethics

b) Cyber law

c) Cybersafety

d) Cybersecurity

8) State whether True or False: Data encryption is used to ensure confidentiality.

a) True

b) False

c) It cannot be understood

d) None

9) Determine the earliest method of free phone calls used by hackers.

a) Cracking

b) Spamming

c) Phreaking

d) Phishing

10) Which of the following statements best describes how the principle would be broken if a computer was no longer accessible?

a) Confidentiality

b) Access control

c) Availability

d) All of the above

11) Which of these methods is used to check the validity of a message?

a) Digital signature

b) Protocol

c) Message Digest

12) Which of the following is typically used when hacking Wi-Fi?

a) Wireshark

b) Aircrack-ng

c) Norton

d) All of the above

13) Among the following, which is not a form of scanning?

a) Null Scan

b) Xmas Tree Scan

c) SYN Stealth

d) Cloud Scan

14) The Code Red is similar to a:

a) Photo Editing Software

b) Antivirus Program

c) Video Editing Software

d) Computer Virus

15) Which of these was the first antivirus software ever created?

a) Reaper

b) Ray Tomlinson

c) Creeper

d) Tinkered

16) What kind of malware does not replicate or clone itself through infection?

a) Rootkits

b) Worms

c) Viruses

d) Trojans

17) The DNS would convert any domain name into:

a) Hex

b) Binary

c) URL

d) IP

18) The most important step in system hacking is:

a) Cracking passwords

b) Covering tracks

c) Information gathering

d) None of the above

19) Which of the following describes the different forms of scanning?

a) Client, Server, and network

b) Network, vulnerability, and port scanning

c) Port, network, and services

d) None of the above

20) Determine the attack type that employs a fake server with a relay address.

a) SMB

b) NetBIOS

c) NTLM

d) MITM

21) Pick one of the following methods for hiding information inside a picture:

a) Image Rendering

b) Steganography

c) Rootkits

d) Bitmapping

23) Choose one of the following strategies to prevent browser-based hacking:

a) Adware remover in the browser

b) Anti-malware in the browser

c) Remote browser access

d) Incognito mode in the browser

24) Which of these is the port number (default) for many web servers, including apache?

a) 80

b) 20

c) 87

d) 40

25) They are malicious hackers whose primary goal is to commit cybercrimes to make money. Who are "they" in this context?

a) White Hat Hackers

b) Black Hat Hackers

c) Hacktivists

d) Gray Hat Hackers

26) Any company or organisation's IT security is managed and maintained by

a) IT Security Engineer

b) Security Auditor

c) CEO of the organisation

d) Software Security Specialist

27) What does EDR stand for?

a) Endless Detection and Response

b) Endpoint Detection and Response

c) Endpoint Detection and Recovery

d) Endless Detection and Recovery

28) The _____ of a network is assessed using the response and transit times.

a) Longevity

b) Performance

c) Reliability

d) Security

29) Which of the following statements concerning the firewall is true?

a) It is a barrier created to stop files from hurting the company.

b) It is a tool put in place at a business's perimeter to stop uninvited physical entrance.

c) It is a device placed at an organisation's perimeter to prevent unwanted access.

d) None of the above

30) Which of the following Cyber Security principles limits how privileges are started whenever an object or subject is created?

a) Open-Design

b) Fail-safe Defaults

c) Least privilege

d) None of the above

31. What is the full form of HTML?

a) Hyper text markup language

b) Hyphenation text markup language

c) Hyphenation text marking language

d) Hyper text marking language

32. What is the full form of HTTP?

a) Hyper text transfer protocol

b) Hyper text transfer package

c) Hyphenation text test program

d) none of the above

33. What is a search engine?

a) a program that searches engines

b) a web site that searches anything

c) a hardware component

d) a machinery engine that search data

34. What is the full form of TCP/IP?

a) transmission control protocol / internet protocol

b) telephone call protocol / international protocol

c) transport control protocol / internet protocol

d) none of the above

35. HTML document start and end with which tag pairs?

- a. <HEAD>...</HEAD>
- b. <BODY>...</BODY>
- c. <HTML>...</HTML>
- d. <WEB>...</WEB>

36. Which tag is used to create body text in HTML?

- a) <HEAD>
- b) <TEXT>
- c) <TITLE>
- d) <BODY>

37. "Yahoo", "Infoseek" and "Lycos" are _____ ?

- a) Search Engines
- b) Browsers
- c) News groups
- d) None of the above

38. What does the .com domain represents?

- a) Education domain
- b) Commercial domain
- c) Network
- d) None of the above

39. In Satellite based communication, VSAT stands for?

- a) Very Small Aperture Terminal
- b) Varying Size Aperture Terminal
- c) Very Small Analog Terminal
- d) None of the above

40. Outlook Express is a _____

- a) E-Mail Client
- b) Browser
- c) Search Engine
- d) None of the above

41. Web page editors works on a _____ principle.

- a) WWW
- b) HTML
- c) WYSIWYG
- d) WYGWYSI

42. Which program is used by web clients to view the web pages?

- a) Web browser

- b) Protocol
- c) Web server
- d) Search Engine

43. What is the name of the location address of the hypertext documents?

- a) Uniform Resource Locator
- b) Web server
- c) File
- d) Web address

44. What are shared on the Internet and are called as Web pages?

- a) Programs
- b) Cables
- c) Hypertext documents
- d) None

45. How many colour names are used by the browsers?

- a) 8
- b) 10
- c) 12
- d) 16

46. What is web design primarily concerned with?

- a) Writing and editing website content
- b) Creating visual elements for the website
- c) Developing server-side code for the website
- d) Designing the layout and appearance of websites

47. What is the purpose of responsive design in web design?

- a) To make the website load faster
- b) To ensure the website looks the same on all devices
- c) To optimize the website for search engines
- d) To make the website adapt and display correctly on various devices

48. What is the term used for the arrangement and organization of elements on a webpage?

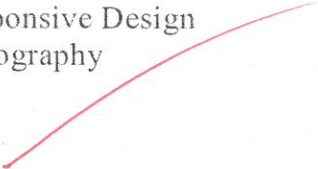
- a) Typography
- b) User Interface (UI)
- c) Layout
- d) User Experience (UX)

49. What is the role of call-to-action (CTA) buttons in web design?

- a) To attract more visitors to the website
- b) To encourage users to take specific actions, such as making a purchase or signing up for a newsletter

- c) To optimize the website for search engines
- d) To display the website's contact information

50. Which web design element focuses on ensuring that the website is accessible and usable on all devices and screen sizes?

- a) User Interface (UI)
 - b) User Experience (UX)
 - c) Responsive Design
 - d) Typography
- 

PERI

INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organizes

ADD ON COURSE IN

"CYBER SECURITY AND WEB DESIGNING"

CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms. _____

Praveena. R

of *Final* Year, Electronics and Communication Engineering, PERI Institute of Technology has

completed an add on course in **CYBER SECURITY AND WEB DESIGNING** held from

14.9.21 to *14.10.21*.

[Signature]

PRINCIPAL

[Signature]

COURSE COORDINATOR

PERI

INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organizes

ADD ON COURSE IN

"CYBER SECURITY AND WEB DESIGNING"

CERTIFICATE

OF PARTICIPATION

This is to certify that Mr / Ms. Kavitha.R

of Final Year, Electronics and Communication Engineering, PERI Institute of Technology has

completed an add on course in **CYBER SECURITY AND WEB DESIGNING** held from

14.9.21 to 14.10.21.



PRINCIPAL



COURSE COORDINATOR

PERI

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organizes

ADD ON COURSE IN

"CYBER SECURITY AND WEB DESIGNING"

CERTIFICATE

OF PARTICIPATION

This is to certify that Mr / Ms.

Barathwaj. K.R

of Final Year, Electronics and Communication Engineering, PERI Institute of Technology has

completed an add on course in **CYBER SECURITY AND WEB DESIGNING** held from

14.9.21 to 14.10.21.



PRINCIPAL



COURSE COORDINATOR

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2021-2022

Ref: PERIIT /ECE/Add-On Course/2021-22/02

Date: 03.01.2022

CIRCULAR

The Electronics and Communication Engineering Department of PERI IT has planned to conduct Add-on course titled “CLOUD COMPUTING AND DISTRIBUTED SYSTEM” for the Academic Year 2020 – 2021 for III year ECE students.

S.No.	Year	Scheduled Date	Session 1	Session 2
1	III	07.01.2022-13.01.2.22	9.15AM to 11.45AM	12.30PM to 3.30PM


3/1/22
Co-ordinator


Head of the Department

Head of the Department
ELECTRONICS AND COMMUNICATION ENGINEERING
PERI INSTITUTE OF TECHNOLOGY
CHENNAI - 600 048.

Copy To:

1. Principal
2. Vice – Principal
3. IQAC
4. Faculty Members -ECE
5. Notice Board

PERI INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2021-2022

Minutes of Meeting for Add-On Course-ECA020

Venue: HOD Room, Beta Block , PERI

Date:05/01/2022 Time:1200pm-1.00pm

Agenda of the meeting:

1. Syllabus preparation
2. Tentative Time Table
3. Assessment method

Members present:

1. Dr.M.Ramkumar Prabhu,HOD/ECE
2. Mr.Kannadasan,Green Technology.
3. Ms.Lakshmi Priya, Co-ordinator
4. Dr.G.Charulatha, Associate Professor, ECE

Ms.Lakshmi priya Coordinator welcomed and briefed the committee members about the agenda.

Agenda Item 1:Syllabus preparation for Cloud Computing and Distributed system.

The syllabus is framed accordingly inorder to meet the objectives of the course, various Universities, IITs, NITs syllabus has been taken into consideration for syllabus preparation.

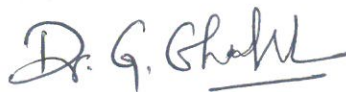
Agenda Item 2: Tentative Time Table

The timetable is prepared as per the university requirement and communicated to the subject expert.

Agenda Item 3: Assessment method

Assessment will be conducted at the end of the course


Coordinator


Senior faculty member


HOD/ECE


PRINCIPAL

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SHORT DESCRIPTION

Course Code: ECA020

Course Name: Cloud Computing and distributed system

Cloud computing refers to providing on demand IT resources/services like server, storage, database, networking, analytics, software etc. over internet. Distributed computing refers to solve a problem over distributed autonomous computers and they communicate between them over a network. The most common forms of distributed systems today operate over the internet, handing off workloads to dozens of cloud-based virtual server instances that are created as needed, and then terminated when the task is complete.

COURSE OBJECTIVES

- To analyze, apply best practices for Cloud app deployment, management, and operations.
- To address security issues and apply best practices for Cloud apps and data.
- To give students a basic grounding in designing and implementing distributed and cloud systems.
- To provide a practical exposure into the design and functioning like Cloud Virtualization and Big Data and of various algorithms.

COURSE OUTCOMES

- Create Cloud-native app prototypes or migrate existing solutions
- Assess Cloud service fitment and utilize API-enabled services.
- Design cost-optimized solutions based on use cases and billing plans.
- Understand the design principles in distributed systems and the architectures for distributed systems.
- Apply and analyze fault tolerance and recovery with various distributed algorithms related to clock synchronization, concurrency control, deadlock detection, voting etc.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SYLLABUS

MODULE I: Introduction to distributed systems and cloud computing. Cloud architectures: SaaS, PaaS, IaaS. End-to-end system design. Networks and protocol stacks. Client-server computing. Sockets and remote procedure call. Distributed file systems and cache consistency. NFS, AFS. Storage in the Cloud: Google/ Hadoop file system.

MODULE II: Web services and REST. Example: Amazon S3. The JAX-RS API. Persistent cloud services. Failure models and failure detectors. Asynchrony: publish-subscribe. Server-side events and REST. Web sockets. Vert.x: Node.js for Java. Distributed snapshots. Distributed debugging. Time and ordering of events. Causal broadcasts

MODULE III: Batch cloud computing: map-reduce and Hadoop. Domain-specific languages for cloud data processing: Pig and Hive. Transactions. Serializability and recoverability. Long-lived transactions. Transactions. Atomic commitment protocols: 2PC and 3PC

MODULE IV: Highly available services. Replicated services and quorum consensus. The CAP Theorem. NoSQL data stores. Table-based (Google BigTable), key-based (Amazon Dynamo), and Cassandra. The Hector API. Query processing with Map-reduce.

MODULE V: Consensus and the Paxos algorithm. Applications in the cloud: Google Chubby, Yahoo Zookeeper. Peer-to-peer systems. Distributed hash tables. Applications in multiplayer game-playing.



Coordinator


HOD/ECE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

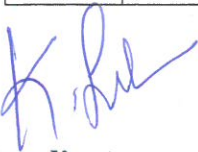
Course Code: ECA020

Year/Semester:III/VI

Course Name: Cloud Computing and Distributed system

Session: FN &AN

S.No	DATE	HOURS	TOPIC
1	07.01.2022	1 st -5th	Introduction to distributed systems and cloud computing. Cloud architectures: SaaS, PaaS, IaaS. End-to-end system design. Networks and protocol stacks. Client-server computing. Sockets and remote procedure call.
2	08.01.2022	1 st -6th	Distributed file systems and cache consistency. NFS, AFS. Storage in the Cloud: Google/ Hadoop file system. Web services and REST. Example: Amazon S3. The JAX-RS API. Persistent cloud services. Failure models and failure detectors. Asynchrony: .
3	10.01.2022	1 st -6th	Server-side events and REST. Web sockets. Vert.x: Node.js for Java. Distributed snapshots. Distributed debugging. Time and ordering of events. Causal broadcasts. Batch cloud computing: map-reduce and Hadoop. Domain-specific languages for cloud data processing: Pig and Hive.
4	11.01.2022	1 st -6th	Transactions. Serializability and recoverability.-Long-lived transactions. Transactions. Atomic commitment protocols: 2PC and 3PC. Highly available services. Replicated services and quorum consensus.
5	12.01.2022	1 st -6th	The CAP Theorem. NoSQL data stores. Table-based (Google BigTable), key-based (Amazon Dynamo), and Cassandra. The Hector API. Query processing with Map-reduce.
6	13.01.2022	1 st -6th	Consensus and the Paxos algorithm. Applications in the cloud: Google Chubby, Yahoo Zookeeper. Peer-to-peer systems. Distributed hash tables. Applications in multiplayer game-playing.


Coordinator


HOD/ECE

**PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE
ACADEMIC YEAR 2021-2022
III/ECE**

S.NO	REGISTER NO	NAME OF THE STUDENT
1	411519106001	AKASH S
2	411519106002	BAGAVATH.P
3	411519106003	CHANDRU S
4	411519106004	DESULUGIRI KODANDARAMI REDDY
5	411519106005	DINESH V
6	411519106006	GOLDA FAITH T
7	411519106007	HARISH R
8	411519106009	KARTHICKKUMAR M
9	411519106010	KAVIPRIYA M
10	411519106011	KAVIYA E S
11	411519106012	KEERTHI R
12	411519106013	KARTHEEK VARMA K
13	411519106015	MERLIN P
14	411519106016	MUGILAN K
15	411519106017	PRAKRUTHI M A
16	411519106018	PRAVEEN RAJ T
17	411519106019	RAVI KUMAR V
18	411519106020	SANGEETHA V
19	411519106021	SARVEPALLI DEEPAK
20	411519106022	SASI KUMAR S
21	411519106023	SHAJITHABARVEEN S
22	411519106024	SHALINI D
23	411519106025	SNEGA S
24	411519106026	SWARNA C R
25	411519106027	VELAN S
26	411519106028	VINOTH KUMAR R
27	411519106301	ARUN PRASATH V
28	411519106302	MATHESH G
29	411519106303	RAGUL P
30	411519106304	VISWANATH E

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE
Attendance Report-Cloud Computing and Distributed System

S.NO	REG. NO.	NAME OF THE STUDENT	07.01.22	08.01.22	10.01.22	11.01.22	12.01.22	13.01.22
1	411519106001	AKASH S	Akash	Akash	Akash	Akash	Akash	Akash
2	411519106002	BAGAVATH.P	Baga	Baga	Baga	Baga	Baga	Baga
3	411519106003	CHANDRU S	Chandu	Chandu	Chandu	Chandu	Chandu	Chandu
4	411519106004	DESULUGIRI KODANDARAMI REDDY	Desul	Desul	Desul	Desul	Desul	Desul
5	411519106005	DINESH V	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
6	411519106006	GOLDA FAITH T	Golda	Golda	Golda	Golda	Golda	Golda
7	411519106007	HARISH R	Harish	Harish	Harish	Harish	Harish	Harish
8	411519106009	KARTHICKKUMAR M	Karthick	Karthick	Karthick	Karthick	Karthick	Karthick
9	411519106010	KAVIPRIYA M	Kavipriya	Kavipriya	Kavipriya	Kavipriya	Kavipriya	Kavipriya
10	411519106011	KAVIYA E S	Kavitha	Kavitha	Kavitha	Kavitha	Kavitha	Kavitha
11	411519106012	KEERTHI R	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi
12	411519106013	KARTHEEK VARMA K	Varma	Varma	Varma	Varma	Varma	Varma
13	411519106015	MERLIN P	Merlin	Merlin	Merlin	Merlin	Merlin	Merlin
14	411519106016	MUGILAN K	Mugilan	Mugilan	Mugilan	Mugilan	Mugilan	Mugilan
15	411519106017	PRAKRUTHI M A	Prakruthi	Prakruthi	Prakruthi	Prakruthi	Prakruthi	Prakruthi
16	411519106018	PRAVEEN RAJ T	Raj	Raj	Raj	Raj	Raj	Raj
17	411519106019	RAVI KUMAR V	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi
18	411519106020	SANGEETHA V	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha
19	411519106021	SARVEPALLI DEEPAK	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
20	411519106022	SASI KUMAR S	Sasi	Sasi	Sasi	Sasi	Sasi	Sasi
21	411519106023	SHAJITHABARVEEN S	Shajitha	Shajitha	Shajitha	Shajitha	Shajitha	Shajitha
22	411519106024	SHALINI D	Shalini	Shalini	Shalini	Shalini	Shalini	Shalini
23	411519106025	SNEGA S	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha
24	411519106026	SWARNA C R	Swarna	Swarna	Swarna	Swarna	Swarna	Swarna
25	411519106027	VELAN S	Velan	Velan	Velan	Velan	Velan	Velan
26	411519106028	VINOTH KUMAR R	Vinok	Vinok	Vinok	Vinok	Vinok	Vinok

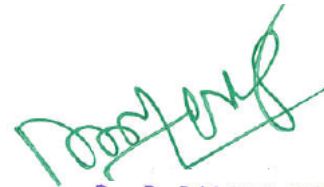
27	411519106301	ARUN PRASATH V	Arun	Arun	Arun	Arun	Arun	Arun
28	411519106302	MATHESH G	Mathesh	Mathesh	Mathesh	Mathesh	Mathesh	Mathesh
29	411519106303	RAGUL P	Ragul	Ragul	Ragul	Ragul	Ragul	Ragul
30	411519106304	VISWANATH E	visw	visw	visw	visw	visw	visw
PRESENT								
ABSENT								



Coordinator



HOD/ECE



Dr. R. PALSON KENNEDY, M.E., Ph.D.
 PRINCIPAL
 PERI INSTITUTE OF TECHNOLOGY
 Mannivakkam, Chennai - 600 048

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM

ACADEMIC YEAR 2021-2022

Name of the Student: Mugilan.K.

Register No: 411919106016

Year: 3rd yr

Date of Feedback: 13-1-22

Course Name: cloud Computing & Distributed System

1. How do you value the course content?

It is easy to understand

2. How would you understand the content delivery by the instructor?

Instructor is giving real time examples.

3. Write the overall quality of the program

very good

4. Will you recommend this program to your friends/juniors/seniors?

Juniors

Suggestions to improve, if any: —

Mugilan.K.

Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM

ACADEMIC YEAR 2021-2022

Name of the Student: Dinesh.V

Register No: 411519106005

Year: III

Date of Feedback: 13-1-22

Course Name: Cloud Computing and Distributed System

1. How do you value the course content?

very nice

2. How would you understand the content delivery by the instructor?

good teaching method

3. Write the overall quality of the program

good

4. Will you recommend this program to your friends/juniors/seniors?

friends

Suggestions to improve, if any: - NCL



Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM

ACADEMIC YEAR 2021-2022

Name of the Student: VELAN-S

Register No: 411519106027

Year: THIRD

Date of Feedback: 13.01.2022

Course Name: CLOUD COMPUTING AND
DISTRIBUTED SYSTEM

1. How do you value the course content?

Good to understand the concept.

2. How would you understand the content delivery by the instructor?

Instructor is explaining very clearly the concepts.

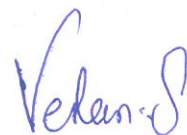
3. Write the overall quality of the program

very nice and easy to remember

4. Will you recommend this program to your friends/juniors/seniors?

Juniors & friends

Suggestions to improve, if any:



Signature of the Student

13.01.2022

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

ASSESSMENT ON CLOUD COMPUTING AND DISTRIBUTED SYSTEM

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

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

2) Which one of the following options can be considered as the Cloud?

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

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

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

4) Which of the following has many features of that is now known as cloud computing?

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

5) Which one of the following cloud concepts is related to sharing and pooling the resources?

- a. Polymorphism
- b. Virtualization

20
25
K. R.

- c. Abstraction
- d. None of the mentioned

6) Which one of the following statements is not true?

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

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

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

8) Which of the following is an essential concept related to Cloud?

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

9) Which one of the following is Cloud Platform by Amazon?

- a. Azure
- b. AWS
- c. Cloudera
- d. All of the mentioned

10) Which of the following statement is not true?

- a. Through cloud computing, one can begin with very small and become big in a rapid manner.
- b. All applications benefit from deployment in the Cloud.
- c. Cloud computing is revolutionary, even though the technology it is built on is evolutionary.
- d. None of the mentioned

11) In the Planning Phase, Which of the following is the correct step for performing the analysis?

- a. Cloud Computing Value Proposition
- b. Cloud Computing Strategy Planning
- c. Both A and B
- d. Business Architecture Development

12) In which one of the following, a strategy record or Document is created respectively to the events, conditions a user may face while applying cloud computing mode.

- a. Cloud Computing Value Proposition
- b. Cloud Computing Strategy Planning
- c. Planning Phase
- d. Business Architecture Development

13) What is Business Architecture Development?

- a. We recognize the risks that might be caused by cloud computing application from a business perspective.
- b. We identify the applications that support the business processes and the technologies required to support enterprise applications and data systems.
- c. We formulate all kinds of plans that are required to transform the current business to cloud computing modes.
- d. None of the above

14) Which one of the following refers to the non-functional requirements like disaster recovery, security, reliability, etc.

- a. Service Development
- b. Quality of service
- c. Plan Development
- d. Technical Service

15) Which one of the following is a phase of the Deployment process?

- a. Selecting Cloud Computing Provider
- b. IT Architecture Development
- c. Business Architecture Development
- d. Transformation Plan Development

16) This phase involves selecting a cloud provider based on the Service Level Agreement (SLA), which defines the level of service the provider receives.

- a. Maintenance and Technical Service
- b. Selecting Cloud Computing Provider
- c. Both A and B
- d. None of the above

17) In which one of the following phases, IT Architecture Development came?

- a. Strategy Phase
- b. Planning Phase
- c. Deployment Phase
- d. Development Phase

18) Which of the model involves the special types of services that users can access on a Cloud Computing platform?

- a. Service
- b. Planning
- c. Deployment
- d. Application

19) Which one of the following is related to the services provided by Cloud?

- a. Sourcing
- b. Ownership
- c. Reliability
- d. PaaS

20) How many phases are present in Cloud Computing Planning?

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

21) Cloud computing architecture is a combination of?

- a. service-oriented architecture and grid computing
- b. Utility computing and event-driven architecture.
- c. Service-oriented architecture and event-driven architecture.
- d. Virtualization and event-driven architecture.

22) In how many parts we can broadly divide the architecture of the Cloud?

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

23) Which one of the following refers to the user's part of the Cloud Computing system?

- a. back End
- b. Management
- c. Infrastructure
- d. Front End

24) Which one of the following can be considered as the example of the Front-end?

- a. Web Browser
- b. Google Compute Engine
- c. Cisco Metapod
- d. Amazon Web Services

25) By whom is the backend commonly used?

- a. Client
 - b. User
 - c. Stockholders
 - d. service provider
- 

PERI

INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organizes

ADD ON COURSE IN

"CLOUD COMPUTING AND DISTRIBUTED SYSTEMS"

CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms. Velan. S

of III Year, Electronics and Communication Engineering, PERI Institute of Technology has

completed an add on course in **CLOUD COMPUTING AND DISTRIBUTED SYSTEMS**

held from 07.01.2022 to 13.01.2022.



PRINCIPAL



COURSE COORDINATOR

PERI

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"CLOUD COMPUTING AND DISTRIBUTED SYSTEMS"

CERTIFICATE OF PARTICIPATION

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

of III Year, Electronics and Communication Engineering, PERI Institute of Technology has
completed an add on course in **CLOUD COMPUTING AND DISTRIBUTED SYSTEMS**

held from 07.01.2022 to 13.01.2022.



PRINCIPAL



COURSE COORDINATOR

PERI

INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organizes

ADD ON COURSE IN

“CLOUD COMPUTING AND DISTRIBUTED SYSTEMS”

CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms. Dinesh. V

of III Year, Electronics and Communication Engineering, PERI Institute of Technology has

completed an add on course in **CLOUD COMPUTING AND DISTRIBUTED SYSTEMS**

held from 07.01.2022 to 13.01.2022.



PRINCIPAL



COURSE COORDINATOR

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2021-2022


Ref: PERIIT /ECE/Add-On Course/2021-22/03


Date: 18.01.2022

CIRCULAR

The Electronics and Communication Engineering Department of PERI IT has planned to conduct Add-on course titled "MICROPROCESSOR AND MICROCONTROLLER" for the Academic Year 2021– 2022 for II year ECE students.

S.No.	Year	Scheduled Date	Session 1	Session 2
1	II	22.01.2022-28.01.2022	9.15AM to 11.45AM	12.30PM to 3.30PM


Co-ordinator


Head of the Department

Head of the Department
ELECTRONICS AND COMMUNICATION ENGINEERING
PERI INSTITUTE OF TECHNOLOGY
CHENNAI - 600 048.

Copy To:

1. Principal
2. Vice – Principal
3. IQAC
4. Faculty Members -ECE
5. Notice Board

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2021-2022

Minutes of Meeting for Add-On Course-ECA021-MPMC

Venue: HOD Room, Beta Block , PERI

Date:20/01/2022 Time:1200pm-1.00pm

Agenda of the meeting:

1. Syllabus preparation
2. Tentative Time Table
3. Assessment method

Members present:

1. Dr.M.Ramkumar Prabhu,HOD/ECE
2. Mr.S.Prabhakaran,Assistant Professor,Sri Sai Ram Engineering College
3. Ms.Lakshmi priya, Co-ordinator
4. Dr.G.Charulatha, Associate Professor, ECE

Ms.Lakshmi priya Coordinator welcomed and briefed the committee members about the agenda.

Agenda Item 1:Syllabus preparation for Microprocessor and Microcontroller.

The syllabus is framed accordingly in order to meet the objectives of the course, various Universities, IITs, NITs syllabus has been taken into consideration for syllabus preparation.


Agenda Item 2: Tentative Time Table

The timetable is prepared as per the university requirement and communicated to the subject expert.

Agenda Item 3: Assessment method

Assessment will be conducted at the end of the course


Coordinator


Senior faculty member


HOD/ECE


PRINCIPAL

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SHORT DESCRIPTION

Course Code: ECA021

Course Name: Microprocessor and Microcontroller

A microprocessor is a central processing unit (CPU) designed as a single integrated circuit (IC) or a small number of ICs. It contains the necessary arithmetic, logic, and control circuitry to execute program instructions and perform various functions within a computer system. A microcontroller is a compact integrated circuit designed to govern a specific operation in an embedded system. A typical microcontroller includes a processor, memory and input/output (I/O) peripherals on a single chip.

COURSE OBJECTIVES

- To develop an understanding of the operations of microprocessors and microcontrollers architectures and its functionalities.
- To learn machine language programming and and explore interfacing techniques
- To equip students with the necessary tools for analyzing electronic equipment in the field of microprocessors and embedded systems.
- To understand the concepts of ARM processor.

COURSE OUTCOMES

- Learn the internal organization of popular 8086/8051 microprocessors/micro controllers.
- Learn hardware and software interaction and integration.
- Learn the design of microprocessors/micro controllers-based systems.
- Ability to understand the different types of microprocessor and micro controller

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SYLLABUS

MODULE -I 8086 ARCHITECTURE: Architecture of 8086, Register Organization, Programming Model, Memory addresses, Memory Segmentation, Physical Memory Organization, Signal descriptions of 8086- Common Function Signals, Minimum and Maximum mode signals, Timing diagrams.

MODULE-II INSTRUCTION SET AND ASSEMBLY LANGUAGE PROGRAMMING OF 8086: Instruction formats, Addressing modes, Instruction Set, Assembler Directives, Procedures, Macros, Simple Programs involving Logical, Branch and Call Instructions, Sorting, Evaluating Arithmetic Expressions, String Manipulations.

MODULE-III I/O INTERFACE: 8255 PPI, Various Modes of Operation and Interfacing to 8086, D/A and A/D Converter, Stepper motor, Interfacing of DMA controller 8257

INTERFACING WITH ADVANCED DEVICES: Memory Interfacing to 8086, Interrupt Structure of 8086, Vector Interrupt Table, Interrupt Service Routine, architecture of 8259.

COMMUNICATION INTERFACE: Serial Communication Standards, Serial Data Transfer Schemes, 8251 USART Architecture and Interfacing.

MODULE-IV INTRODUCTION TO MICROCONTROLLERS: Overview of 8051 Microcontroller, Architecture, I/O Ports, Memory Organization, Addressing Modes and Instruction set of 8051, Simple Programs, memory interfacing to 8051

MODULE-V 8051 REAL TIME CONTROL: Programming Timer Interrupts, Programming External Hardware Interrupts, Programming the Serial Communication Interrupts, Programming 8051 Timers and Counters

ARM PROCESSOR: Fundamentals, Registers, Current program status register, Pipeline, Interrupt and the vector table.



Coordinator


HOD/ECE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

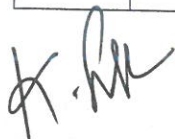
Course Code: ECA021

Year/Semester:II/IV

Course Name: Microprocessor and Microcontroller

Session: FN & AN

S.No	DATE	HOURS	TOPIC
1	22.01.22	2 nd -8th	Architecture of 8086, Register Organization, Programming Model, Memory addresses, Memory Segmentation, Physical Memory Organization, Signal descriptions of 8086- Common Function Signals, Minimum and Maximum mode signals, Timing diagrams.
2	24.01.22	2 nd -8th	Instruction formats, Addressing modes, Instruction Set, Assembler Directives, Procedures, Macros, Simple Programs involving Logical, Branch and Call Instructions, Sorting, Evaluating Arithmetic Expressions, String Manipulations.8255 PPI, Various Modes of Operation and Interfacing to 8086.
3	25.01.22	2 nd -8th	D/A and A/D Converter, Stepper motor, Interfacing of DMA controller 8257.Memory Interfacing to 8086, Interrupt Structure of 8086, Vector Interrupt Table, Interrupt Service Routine, architecture of 8259.
4	27.01.22	2 nd -8th	Serial Communication Standards, Serial Data Transfer Schemes, 8251 USART Architecture and Interfacing.Overview of 8051 Microcontroller, Architecture, I/O Ports, Memory Organization, Addressing Modes and Instruction set of 8051, Simple Programs, memory interfacing to 8051
5	28.01.22	2 nd -8th	Programming Timer Interrupts, Programming External Hardware Interrupts, Programming the Serial Communication Interrupts, Programming 8051 Timers and Counters .Fundamentals, Registers, Current program status register, Pipeline, Interrupt and the vector table.



Coordinator


HOD/ECE

**PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE
ACADEMIC YEAR 2021-2022
II/ECE**

S.NO.	REG. NO	STUDENT NAME
1	411520106001	M. ABINAYA
2	411520106002	P ARAVINTH SANKAR
3	411520106003	K. ARULMANI
4	411520106004	R. ARUNRAJ
5	411520106005	B. ASHWIN
6	411520106006	S BALAJI
7	411520106007	V BALA KRISHNAN
8	411520106008	RAJA HEMACHANDRAN CHANDANA PRIYA
9	411520106009	S CHARUMATHI
10	411520106010	DEVARAPALLI VASANTHI
11	411520106011	K DHAMODARAN
12	411520106012	N. DIVIESH
13	411520106013	P ELIZABETH
14	411520106015	N GOMATHI
15	411520106016	GOTHALA VIKASH
16	411520106017	S. GOWTHAM
17	411520106018	S. HARISHBALAJIKANNA
18	411520106019	R. INDUJAA
19	411520106020	D. JANAKI.
20	411520106021	M. JAYAKUMAR
21	411520106023	OM JAYASHAKTHI
22	411520106024	R KAKA MAGESH BABU
23	411520106025	N KARTHIK
24	411520106026	A. KAVIYA
25	411520106027	A. MANIKANDAN
26	411520106028	M MUGILA
27	411520106029	P. NAVEEN
28	411520106030	S. NIDHEESH RAJ
29	411520106031	R PRADEEP
30	411520106032	A PRADEEP KUMAR
31	411520106033	R. PRATHABA RUTHIRAN
32	411520106034	V SABARINATHAN
33	411520106035	R. SANMUGAPRIYA
34	411520106036	S. SARMITHA
35	411520106037	N SHALINI
36	411520106038	S SIDDIQUE


**PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE
ACADEMIC YEAR 2021-2022
II/ECE**

37	411520106039	S SIVAPRAKASH
38	411520106041	V SRINIVASAN
39	411520106042	R SUSMITHA
40	411520106043	V. THATCHAYANI
41	411520106044	C THAVASIRAM
42	411520106045	B. THOLKAPPIYAN
43	411520106046	U UMA MAGESHWARI
44	411520106047	R UPPILI
45	411520106048	VADLAMANI DINESH
46	411520106049	S VIDHYA
47	411520106301	S. BOOPALAN
48	411520106302	G MAGIMAIRAJ
49	411520106303	N SANDHIYA
50	411520106304	R SANJAY
51	411520106305	A. SARAVANA KUMAR
52	411520106307	P SWETHA
53	411520106308	P VIGNESH
54	411520106701	A SIVAPRAKASH


PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE
Attendance Report-Microprocessor and Microcontroller

S.NO	REG. NO.	NAME OF THE STUDENT	22.01.22	24.01.22	25.01.22	27.01.22	28.01.22
1	411520106001	M. ABINAYA	Abinaya	Abinaya	Abinaya	Abinaya	Abinaya
2	411520106002	P ARAVINTH SANKAR	Aravinth	Aravinth	Aravinth	Aravinth	Aravinth
3	411520106003	K. ARULMANI	Arulmani	Arulmani	Arulmani	Arulmani	Arulmani
4	411520106004	R. ARUNRAJ	Arunraj	Arunraj	Arunraj	Arunraj	Arunraj
5	411520106005	B. ASHWIN	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin
6	411520106006	S BALAJI	Balaji	Balaji	Balaji	Balaji	Balaji
7	411520106007	V BALA KRISHNAN	Bala	Bala	Bala	Bala	Bala
8	411520106008	CHANDANA PRIYA	Chandana	Chandana	Chandana	Chandana	Chandana
9	411520106009	S CHARUMATHI	Charumathi	Charumathi	Charumathi	Charumathi	Charumathi
10	411520106010	DEVARAPALLI VASANTHI	Devarapalli	Devarapalli	Devarapalli	Devarapalli	Devarapalli
11	411520106011	K DHAMODARAN	Dhamodaran	Dhamodaran	Dhamodaran	Dhamodaran	Dhamodaran
12	411520106012	N. DIVIESH	Diviesh	Diviesh	Diviesh	Diviesh	Diviesh
13	411520106013	P ELIZABETH	Elizabeth	Elizabeth	Elizabeth	Elizabeth	Elizabeth
14	411520106015	N GOMATHI	Gomathi	Gomathi	Gomathi	Gomathi	Gomathi
15	411520106016	GOTHALA VIKASH	Gothala	Gothala	Gothala	Gothala	Gothala
16	411520106017	S. GOWTHAM	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham
17	411520106018	S. HARISHBALAJIKANNA	Harish	Harish	Harish	Harish	Harish
18	411520106019	R. INDUJAA	Indujaa	Indujaa	Indujaa	Indujaa	Indujaa
19	411520106020	D. JANAKI.	Janaki	Janaki	Janaki	Janaki	Janaki
20	411520106021	M. JAYAKUMAR	Jayakumar	Jayakumar	Jayakumar	Jayakumar	Jayakumar
21	411520106023	OM JAYASHAKTHI	Jayashakthi	Jayashakthi	Jayashakthi	Jayashakthi	Jayashakthi
22	411520106024	R KAKA MAGESH BABU	Magesh	Magesh	Magesh	Magesh	Magesh
23	411520106025	N KARTHIK	Karthik	Karthik	Karthik	Karthik	Karthik
24	411520106026	A. KAVIYA	Kaviya	Kaviya	Kaviya	Kaviya	Kaviya
25	411520106027	A. MANIKANDAN	Manikandan	Manikandan	Manikandan	Manikandan	Manikandan
26	411520106028	M MUGILA	Mugila	Mugila	Mugila	Mugila	Mugila
27	411520106029	P. NAVEEN	Naveen	Naveen	Naveen	Naveen	Naveen
28	411520106030	S. NIDHEESH RAJ	Nidheesh	Nidheesh	Nidheesh	Nidheesh	Nidheesh

29	411520106031	R PRADEEP	Rradeep	Pnadeep	Pnadeep	Pnadeep	Pnadeep	Pnadeep
30	411520106032	A PRADEEP KUMAR	P.D.K	(P.D.K)	(P.D.K)	(P.D.K)	(P.D.K)	(P.D.K)
31	411520106033	R. PRATHABA RUTHIRAN	(PTRN)	(PTRN)	(PTRN)	(PTRN)	(PTRN)	(PTRN)
32	411520106034	V SABARINATHAN	Sabar	Sabar	Sabar	Sabar	Sabar	Sabar
33	411520106035	R. SANMUGAPRIYA	Sanm	Sanm	Sanm	Sanm	Sanm	Sanm
34	411520106036	S. SARMITHA	Sarm	Sarm	Sarm	Sarm	Sarm	Sarm
35	411520106037	N SHALINI	Shalini	Shalini	Shalini	Shalini	Shalini	Shalini
36	411520106038	S SIDDIQUE	(S)	(S)	(S)	(S)	(S)	(S)
37	411520106039	S SIVAPRAKASH	Sivpr	Sivpr	Sivpr	Sivpr	Sivpr	Sivpr
38	411520106041	V SRINIVASAN	Sriniv	Sriniv	Sriniv	Sriniv	Sriniv	Sriniv
39	411520106042	R SUSMITHA	Susmi	Susmi	Susmi	Susmi	Susmi	Susmi
40	411520106043	V. THATCHAYANI	Thas	Thas	Thas	Thas	Thas	Thas
41	411520106044	C THAVASIRAM	Thava	Thava	Thava	Thava	Thava	Thava
42	411520106045	B. THOLKAPPIYAN	Tholka	Tholka	Tholka	Tholka	Tholka	Tholka
43	411520106046	U UMA MAGESHWARI	Umam	Umam	Umam	Umam	Umam	Umam
44	411520106047	R UPPILI	Uppili	Uppili	Uppili	Uppili	Uppili	Uppili
45	411520106048	VADLAMANI DINESH	Vadlan	Vadlan	Vadlan	Vadlan	Vadlan	Vadlan
46	411520106049	S VIDHYA	Vidhya	Vidhya	Vidhya	Vidhya	Vidhya	Vidhya
47	411520106301	S. BOOPALAN	Boopa	Boopa	Boopa	Boopa	Boopa	Boopa
48	411520106302	G MAGIMAIRAJ	Magim	Magim	Magim	Magim	Magim	Magim
49	411520106303	N SANDHIYA	Sandhi	Sandhi	Sandhi	Sandhi	Sandhi	Sandhi
50	411520106304	R SANJAY	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
51	411520106305	A. SARAVANA KUMAR	Sarava	Sarava	Sarava	Sarava	Sarava	Sarava
52	411520106306	K SATHISH	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish
53	411520106307	P SWETHA	Swetha	Swetha	Swetha	Swetha	Swetha	Swetha
54	411520106308	P VIGNESH	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
55	411520106701	A SIVAPRAKASH	Sivpra	Sivpra	Sivpra	Sivpra	Sivpra	Sivpra
PRESENT			55	55	55	55	55	55
ABSENT			-	-	-	-	-	-


Coordinator


HOD/ECE


Dr. R. PALSON KENNEDY, M.E., Ph.D.
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Mannivakkam, Chennai - 600 048

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM
ACADEMIC YEAR 2021-2022

Name of the Student: S. VIDHYA

Register No: 411520106049

Year: II

Date of Feedback: 28.01.22

Course Name: Microprocessor and
Microcontroller

1. How do you value the course content?

It is very understandable

2. How would you understand the content delivery by the instructor?

Instructor is very good in delivering the content.

3. Write the overall quality of the program

Very good

4. Will you recommend this program to your friends/juniors/seniors?

of course

Suggestions to improve, if any:

Nil

S. Vidhya
Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM
ACADEMIC YEAR 2021-2022

Name of the Student: E. GROWTHAM

Register No: 411520106017

Year: 11 year

Date of Feedback: 28.01.22

Course Name: Microprocessor and
microcontroller

1. How do you value the course content?

It is very understandable

2. How would you understand the content delivery by the instructor?

instructor is very good in delivering
the content

3. Write the overall quality of the program

good

4. Will you recommend this program to your friends/juniors/seniors?

of course

Suggestions to improve, if any:

will

Growtham.

Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FEEDBACK FORM

ACADEMIC YEAR 2021-2022

Name of the Student: *R. Sushmitha*

Register No: *411520106042*

Year: *II*

Date of Feedback: *28.1.22*

Course Name: *MPMC*

1. How do you value the course content?

Easy to understand

2. How would you understand the content delivery by the instructor?

By taking notes & hands on training

3. Write the overall quality of the program

Realtime example are very much useful

4. Will you recommend this program to your friends/juniors/seniors?

Seniors

Suggestions to improve, if any: *—*

R. Sush

Signature of the Student

28/1/22

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

ASSESSMENT ON MICROPROCESSOR AND MICROCONTROLLER

1. In 8086 the number of bytes which can be addressed directly is about

- A. 1000
- B. 10000
- C. 100000
- D. one million

42
50

2. In Fortran 77 a variable name can contain special characters.

- A. True
- B. False

K. hu

3. Which of the following is not a general purpose peripheral?

- A. I/O port
- B. Programmable interrupt controller
- C. Programmable CRT controller
- D. Programmable interval timer

4. Each instruction in assembly language program has the following fields:

- A. Lable field
- B. Mnemonic field
- C. Operand field
- D. Comment field

5. The correct sequence of these fields is?

- A. 1, 2, 3, 4
- B. 1, 2, 4, 3
- C. 2, 1, 3, 4
- D. 2, 1, 4, 3

6. In one's complement 8 bit representation 11111111 represents

- A. +0
- B. -0
- C. +1
- D. -1

7. The operating modes of 8255 A are called

- A. mode 0 and mode 1
- B. mode 0, mode 1 and mode 2
- C. mode 0 and mode 2
- D. mode 0, mode 2 and mode 3

8. Which of the following is type declaration statement in C?

- A. int bar
- B. s = s + 1
- C. king = horse + 1
- D. prin = prin * prin

9. Internet is a worldwide network of computers where most of the information is freely available.

- A. True
- B. False

10. A 37 bit mantissa has an accuracy of

- A. 6 decimal places
- B. 8 decimal places
- C. 10 decimal places
- D. 11 decimal places

11. In a C expression using assignment operators, relational operators and arithmetic operators, the hierarchy of operations (in the absence of parenthesis) is

- A. assignment, relational, arithmetic
- B. relational, assignment, arithmetic
- C. arithmetic, assignment, relational
- D. arithmetic, relational, assignment

12. In 8085, the pins for SID and SOD are

- A. 4 and 5 respectively
- B. 5 and 4 respectively
- C. 3 and 4 respectively
- D. 4 and 3 respectively

13. Assertion (A): Each memory chip has its own address latch.

Reason (R): ALE signal comes out of microprocessor 8085 and goes to memory chip.

- A. Both A and R are correct and R is correct explanation of A
- B. Both A and R are correct but R is not correct explanation of A
- C. A is correct R is wrong
- D. A is wrong R is correct

14. An e-mail message can be sent to many recipients.

- A. True
- B. False

15. In C the keywords are also called

- A. special words
- B. reserved words
- C. class words
- D. character words

16. The character set of Fortran 77 includes lower case alphabets a to z.

- A. True
- B. False

17. Which memory has read operation, byte erase, byte write and chip erase?

- A. RAM
- B. UVEPROM
- C. EEPROM
- D. both (b) and (c)

18. The forms of IF statements in FORTRAN 77 are called

- A. logical IF and Block IF
- B. logical IF, block IF and arithmetic IF
- C. logic IF, block IF, arithmetic IF and negate IF
- D. logical IF and arithmetic IF

19. In 8085

- A. P flag is set when the result has even parity
- B. P flag is set when the result has odd parity
- C. P flag is reset when the result has odd parity
- D. P flag is reset when the result has even parity

20. If the sign bit of mantissa is 0 and the exponent is increased from a positive to a more negative number the result is

- A. a larger floating point number
- B. a smaller floating point number
- C. either (a) or (b) depending on the actual number
- D. a negative floating point number

21. How many of microcontrollers are there based on bits?

- One
- Two
- Three
- Four

22. The microcontrollers based on memory classified into _____

- 8 bit, 16 bit, 32 bit
- Embedded memory, external memory
- RISC, CISC
- All of the above

23. How many of microcontrollers are there based on instruction set?

- One
- Two
- Three
- Four

24. The 8-bit microcontrollers are used to execute _____

- Arithmetic operations only
- Logical operations only
- Both a and b
- None of the above

25. _____ is an example of 16 bit microcontroller

- 8031 microcontroller
- 8051 microcontroller
- 8096 microcontroller
- None of the above

PERI

INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organizes

ADD ON COURSE IN

"MICROPROCESSOR AND MICROCONTROLLER"

CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms. S. Gowtham

of Second Year, Electronics and Communication Engineering, PERI Institute of Technology

has completed an add on course in **MICROPROCESSOR AND MICROCONTROLLER**

held from 22.01.22 to 28.01.22.



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COURSE COORDINATOR

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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"MICROPROCESSOR AND MICROCONTROLLER"

CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms. S. Vidhya
of Second Year, Electronics and Communication Engineering, PERI Institute of Technology
has completed an add on course in **MICROPROCESSOR AND MICROCONTROLLER**
held from 22.01.22 to 28.01.22.


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ADD ON COURSE IN

"MICROPROCESSOR AND MICROCONTROLLER"

CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms. _____

R. Sushmitha

of Second Year, Electronics and Communication Engineering, PERI Institute of Technology

has completed an add on course in **MICROPROCESSOR AND MICROCONTROLLER**

held from 22.01.22 to 28.01.22.

[Signature]

PRINCIPAL

[Signature]

COURSE COORDINATOR

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

Ref: PERIIT/EEE/CC/2021-22/008

Date: 06.04.2022

CIRCULAR

The Electrical and Electronics Engineering Department of PERI IT has planned to conduct Add-on course titled “Leveraging Electric Vehicle Technology” for II, III and IV year EEE students.

S.No.	Year	Scheduled Date	Session 1	Session 2
1	II/III/IV	27-04-2022 to 04-05-2022	8.30 AM to 11.45AM	12.30 PM to 03.30 PM

Coordinator

HOD/EEE

Copy To:

1. Principal
2. Vice – Principal
3. IQAC
4. Faculty Members
5. Notice Board

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

Minutes of Meeting

Course Code : EA009

Course Name: Leveraging Electric Vehicle Technology

Venue: HOD Room, Beta Block , PERI IT

Date:08/04/2022 Time:12.00 PM - 1.00 PM

Agenda of the meeting:

1. Syllabus preparation
2. Tentative Time Table
3. Assessment method

Members present:

1. Ms. S. L. Sreedevi, HOD/EEE,
2. Mr. R. Tamilamuthan, Co Ordinator,
3. Dr. P. Yamunaa,
4. Ms. A. Vijayalakshmi,

Mr. R. Tamilamuthan, Co Ordinator, welcomed and briefed the committee members about the agenda.

Agenda Item 1: Syllabus preparation

The syllabus is framed accordingly in order to meet the objectives of the course, various Universities, IITs, NITs syllabus has been taken into consideration for syllabus preparation.

Agenda Item 2: Tentative Time Table

The timetable is prepared as per the university requirement and communicated to the subject expert.

Agenda Item 3: Assessment method

Two assessment will be conducted at the end of the course.


Coordinator


Senior Faculty Member


HOD/EEE


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Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

SHORT DESCRIPTION

Course Code : EA009

Course Name: Leveraging Electric Vehicle Technology

Dive into the world of electric vehicles (EVs) with our comprehensive course. Explore the fundamentals of EV design, battery technology, and electric powertrains. Discover the latest trends in charging infrastructure, market analysis, and industry advancements. Gain insights into the environmental and economic impacts of EV adoption, and explore integration with renewable energy sources. With real-world case studies and future perspectives, this course equips you with the knowledge to leverage electric vehicle technology for a sustainable and innovative future.

COURSE OBJECTIVES

- To understand the fundamental principles of electric vehicle (EV) technology, including components, powertrains, and battery systems
- To explore the latest trends and innovations in the global EV market, including market analysis, government policies, and industry developments
- To evaluate the environmental and economic impacts of EV adoption, including reductions in emissions, energy efficiency, and total cost of ownership
- To examine the integration of EVs with renewable energy sources, such as solar and wind power, and explore opportunities for vehicle-to-grid (V2G) technology
- To analyze real-world case studies and applications of EV technology in various sectors, including transportation, fleet management, and urban mobility


Coordinator


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

SYLLABUS

MODULE 1: INTRODUCTION TO ELECTRIC VEHICLES

Overview of electric vehicle technology, Benefits and challenges of electric mobility, History and evolution of EVs

MODULE 2: ELECTRIC VEHICLE COMPONENTS AND DESIGN

Components of electric vehicles (battery, motor, controller, etc.), Types of electric vehicles (BEVs, PHEVs, HEVs), Vehicle electrification trends and innovations

MODULE 3: BATTERY TECHNOLOGY AND MANAGEMENT

Understanding lithium-ion batteries, Battery pack design and architecture, Battery management systems (BMS) and thermal management

MODULE 4: CHARGING INFRASTRUCTURE AND GRID INTEGRATION

Overview of charging infrastructure (home, public, fast charging), Smart charging solutions and grid integration, Challenges and opportunities in charging infrastructure deployment

MODULE 5: ELECTRIC VEHICLE MARKET ANALYSIS AND FUTURE PERSPECTIVES

Global EV market trends and projections, Government policies and incentives for EV adoption, Emerging technologies and future outlook for electric mobility, Environmental and economic impacts of EV adoption

MODULE 6: ENVIRONMENTAL AND ECONOMIC IMPACTS

Environmental benefits of electric vehicles (reduced emissions, energy efficiency), Economic considerations (total cost of ownership, return on investment), Lifecycle analysis and sustainability aspects of electric mobility

MODULE 7: INTEGRATION WITH RENEWABLE ENERGY

Synergies between electric vehicles and renewable energy sources, Vehicle-to-grid (V2G) technology and grid stability, Opportunities for integrating EVs with solar, wind, and other renewables


Coordinator


HOD/EEE

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022


TIME TABLE

Course Code : EA009

Course Name: Leveraging Electric Vehicle Technology

S.No	DATE	HOURS	TOPIC
1	27.04.2022	1st-6th	Overview of electric vehicle technology, Benefits and challenges of electric mobility, History and evolution of EVs
2	28.04.2022	1st-6th	Components of electric vehicles (battery, motor, controller, etc.), Types of electric vehicles (BEVs, PHEVs, HEVs), Vehicle electrification trends and innovations
3	29.04.2022	1st-6th	Understanding lithium-ion batteries, Battery pack design and architecture, Battery management systems (BMS) and thermal management
4	30.04.2022	1st-6th	Overview of charging infrastructure (home, public, fast charging), Smart charging solutions and grid integration, Challenges and opportunities in charging infrastructure deployment
5	02.05.2022	1st-6th	Global EV market trends and projections, Government policies and incentives for EV adoption, Emerging technologies and future outlook for electric mobility, Environmental and economic impacts of EV adoption
6	03.05.2022	1st-5th	Environmental benefits of electric vehicles (reduced emissions, energy efficiency), Economic considerations (total cost of ownership, return on investment), Lifecycle analysis and sustainability aspects of electric mobility
7	04.05.2022	1st-5th	Synergies between electric vehicles and renewable energy sources, Vehicle-to-grid (V2G) technology and grid stability, Opportunities for integrating EVs with solar, wind, and other renewables


Coordinator


HOD/EEE

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021-2022

II - EEE

S. No	Register Number	Student Name
1.	411520105001	Arunachalam R L
2.	411520105003	Chandru S
3.	411520105004	Janarthanan K
4.	411520105005	Jayanth D
5.	411520105006	Keerthana V
6.	411520105007	Krishnakumar R
7.	411520105008	Nitheesh A
8.	411520105009	Pavithra C
9.	411520105010	Poovarasana A
10.	411520105011	Praveenkumar A
11.	411520105012	Rajkumar R
12.	411520105013	Ramya S
13.	411520105014	Saravanan E
14.	411520105015	Sivaramakrishnan R
15.	411520105016	Srikanth G
16.	411520105017	Vigneshwaran G
17.	411520105018	Yuvashree M
18.	411520105301	Abishek Samuel B
19.	411520105302	Anuramabarathi S
20.	411520105304	Dinesh Kumar P
21.	411520105307	Gokul S
22.	411520105308	Hariharan S
23.	411520105309	Harish P
24.	411520105310	Harish R
25.	411520105311	Jancy Reena P
26.	411520105312	Jayanthan S
27.	411520105313	Kavikumar M
28.	411520105314	Kingslin A
29.	411520105315	Mariyakalai P
30.	411520105316	Mohan R
31.	411520105319	Nivetha S
32.	411520105320	Poovarasana M
33.	411520105321	Prasanth K
34.	411520105323	Rajesh S
35.	411520105324	Sarvesh S
36.	411520105326	Sowndarya S
37.	411520105327	Sridharan P
38.	411520105328	Srinath K
39.	411520105329	Sumithra S
40.	411520105330	Suresh M

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021-2022

III - EEE

S. No	Register Number	Student Name
1.	411519105001	Abimanyu S
2.	411519105002	Archanajenifer C
3.	411519105003	Balaji S
4.	411519105004	Dinesh J
5.	411519105005	Durairaj M
6.	411519105006	Hariharan R
7.	411519105007	Iyappan P
8.	411519105008	Ponnarasi K
9.	411519105009	Savitha R
10.	411519105010	Surya P
11.	411519105011	Vinothkumar M



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PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021-2022

IV – EEE

S. No	Register Number	Student Name
1.	411518105002	Ahalya M
2.	411518105003	Askar Ali T
3.	411518105004	Bharathi M
4.	411518105005	Dasaradhan S
5.	411518105006	Dharanimaran A
6.	411518105007	Jeeva J
7.	411518105008	Jeevagan S
8.	411518105009	Jeevitha V
9.	411518105010	Magesh B K
10.	411518105011	Mohanasri L
11.	411518105012	Mukesh E
12.	411518105013	Rajkumar M
13.	411518105014	Ritu waliya
14.	411518105015	Sanjay V
15.	411518105016	Sathish Balaji S
16.	411518105017	Subashini D
17.	411518105019	Thanigaimalai J S
18.	411518105020	Vignesh S
19.	411518105301	Jayakandan S
20.	411518105701	Rojan Steavewak A


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PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021-2022

Attendance

Course Code : EA009

Course Name: Leveraging Electric Vehicle Technology

S. No	Register Number	Name of the Student	Date						
			27.04.2022	28.04.2022	29.04.2022	30.04.2022	02.05.2022	03.05.2022	04.05.2022
II - EEE									
1.	411520105001	Arunachalam R L	ARL	ARL	ARL	ARL	ARL	ARL	ARL
2.	411520105003	Chandru S	Chandru S	Chandru S	Chandru S	Chandru S	Chandru S	Chandru S	Chandru S
3.	411520105004	Janarthanan K	J.K	J.K	J.K	J.K	J.K	J.K	J.K
4.	411520105005	Jayanth D	Jayanth D	Jayanth D	Jayanth D	Jayanth D	Jayanth D	Jayanth D	Jayanth D
5.	411520105006	Keerthana V	Keerthana V	Keerthana V	Keerthana V	Keerthana V	Keerthana V	Keerthana V	Keerthana V
6.	411520105007	Krishnakumar R	Krishnakumar R	Krishnakumar R	Krishnakumar R	Krishnakumar R	Krishnakumar R	Krishnakumar R	Krishnakumar R
7.	411520105008	Nitheesh A	Nitheesh A	Nitheesh A	Nitheesh A	Nitheesh A	Nitheesh A	Nitheesh A	Nitheesh A
8.	411520105009	Pavithra C	Pavithra C	Pavithra C	Pavithra C	Pavithra C	Pavithra C	Pavithra C	Pavithra C
9.	411520105010	Poovarasana A	Poovarasana A	Poovarasana A	Poovarasana A	Poovarasana A	Poovarasana A	Poovarasana A	Poovarasana A
10.	411520105011	Praveenkumar A	Praveenkumar A	Praveenkumar A	Praveenkumar A	Praveenkumar A	Praveenkumar A	Praveenkumar A	Praveenkumar A
11.	411520105012	Rajkumar R	R.K	R.K	R.K	R.K	R.K	R.K	R.K
12.	411520105013	Ramya S	S.R	S.R	S.R	S.R	S.R	S.R	S.R
13.	411520105014	Saravanan E	Saravanan E	Saravanan E	Saravanan E	Saravanan E	Saravanan E	Saravanan E	Saravanan E
14.	411520105015	Sivaramakrishnan R	S.R	S.R	S.R	S.R	S.R	S.R	S.R
15.	411520105016	Srikanth G	Srikanth G	Srikanth G	Srikanth G	Srikanth G	Srikanth G	Srikanth G	Srikanth G
16.	411520105017	Vigneshwaran G	V.G	V.G	V.G	V.G	V.G	V.G	V.G

10/05/2022

5.	411519105005	Durairaj M	Durairaj M	Durairaj M	Durairaj M	Durairaj M	Durairaj M	Durairaj M	Durairaj M
6.	411519105006	Hariharan R	Mudoe	Mudoe	Mudoe	Mudoe	Mudoe	Mudoe	Mudoe
7.	411519105007	Iyappan P	Upp	Upp	Upp	Upp	Upp	Upp	Upp
8.	411519105008	Ponnarasi K	Pon	Pon	Pon	Pon	Pon	Pon	Pon
9.	411519105009	Savitha R	Sav	Sav	Sav	Sav	Sav	Sav	Sav
10.	411519105010	Surya P	Sury	Sury	Sury	Sury	Sury	Sury	Sury
11.	411519105011	Vinothkumar M	Vin	Vin	Vin	Vin	Vin	Vin	Vin

IV - EEE

1.	411518105002	Ahalya M	Aha	Aha	Aha	Aha	Aha	Aha	Aha
2.	411518105003	Askar Ali T	Ask	Ask	Ask	Ask	Ask	Ask	Ask
3.	411518105004	Bharathi M	Bhar	Bhar	Bhar	Bhar	Bhar	Bhar	Bhar
4.	411518105005	Dasaradhan S	Das	Das	Das	Das	Das	Das	Das
5.	411518105006	Dharanimaran A	Dhar	Dhar	Dhar	Dhar	Dhar	Dhar	Dhar
6.	411518105007	Jeeva J	Jee	Jee	Jee	Jee	Jee	Jee	Jee
7.	411518105008	Jeevagan S	Jee	Jee	Jee	Jee	Jee	Jee	Jee
8.	411518105009	Jeevitha V	Jee	Jee	Jee	Jee	Jee	Jee	Jee
9.	411518105010	Magesh B K	Mage	Mage	Mage	Mage	Mage	Mage	Mage
10.	411518105011	Mohanasri L	Moha	Moha	Moha	Moha	Moha	Moha	Moha
11.	411518105012	Mukesh E	Muk	Muk	Muk	Muk	Muk	Muk	Muk
12.	411518105013	Rajkumar M	Raja	Raja	Raja	Raja	Raja	Raja	Raja
13.	411518105014	Ritu waliya	Rita	Rita	Rita	Rita	Rita	Rita	Rita
14.	411518105015	Sanjay V	San	San	San	San	San	San	San
15.	411518105016	Sathish Balaji S	Sath	Sath	Sath	Sath	Sath	Sath	Sath
16.	411518105017	Subashini D	Suba	Suba	Suba	Suba	Suba	Suba	Suba
17.	411518105019	Thanigaimalai J S	Than	Than	Than	Than	Than	Than	Than
18.	411518105020	Vignesh S	Vign	Vign	Vign	Vign	Vign	Vign	Vign
19.	411518105301	Jayakandan S	Jaya	Jaya	Jaya	Jaya	Jaya	Jaya	Jaya
20.	411518105701	Rojan Steavewak A	Raja	Raja	Raja	Raja	Raja	Raja	Raja

Coordinator

Dr. R. PALSON KENNEDY, M.E., Ph.D.
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HOD/EEE

PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai 600048
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021-2022

Assessment

Course Code : EA009

Course Name: Leveraging Electric Vehicle Technology

23 / 25

Vijayamini
4/5/22

1. When was the first electric car invented?
 - a) 1830
 - b) 1885
 - c) 1832
 - d) 1845

2. The shape of pantograph collector is _____
 - a) Square
 - b) Pentagon
 - c) Circle
 - d) Hexagon

3. Full form of EMU is _____
 - a) Electronics Multiple unit
 - b) Electrical Multiple Unit
 - c) Electrical Multiple Usage
 - d) Electrical Multiple User

4. Who is known as the Father of Indian Railways ?
 - a) Lord Dalhousie
 - b) Lord Ripon
 - c) Lord Boulton
 - d) Lord Hero

5. Who built the first train ?
 - a) Richardson
 - b) Rampa
 - c) Richard Trevithick
 - d) John Cury

6. Who built the first bullet train ?
 - a) Hideo Rampa
 - b) Hideo Shima
 - c) Hideo Carry
 - d) Hideo Stokes

7. The supply conductor in electric trains is also known as _____
 - a) Contact Wire
 - b) Contact Distance
 - c) Contact Direction
 - d) Supply Wire

8. Calculate the value measured by PMMC when a sinusoidal voltage signal is applied to it.

- a) 15 V
- b) 0 V
- c) 16 V
- d) 18 V

9. Full form of PMMC is _____

- a) Permanent Magnet Moving Coil
- b) Premature Magnet Moving Coil
- c) Permanent Magnet Motion Coil
- d) Peterson Magnet Motion Coil

10. Fuel used in the train is _____

- a) Diesel
- b) Kerosene
- c) Petrol
- d) Ice

11. How much fuel does a train use per Km?

- a) 7.85 L/Km
- b) 7.97 L/Km
- c) 6.59 L/Km
- d) 7.15 L/Km

12. Which motor is used in the Electric train?

- a) DC shunt motor
- b) DC series motor
- c) Synchronous motor
- d) Stepper motor

13. If the friction force value is doubled, calculate the new value of the coefficient of friction.

- a) 4 times of the original value
- b) 2 times of the original value
- c) 7 times of the original value
- d) Remains the same

14. The frictional force always acts in the _____ direction of motion of the body.

- a) Opposite
- b) Same
- c) Perpendicular
- d) Vertical

15. Calculate the coefficient of friction if the angle of inclination is 60° .

- a) 2.73
- b) 1.73
- c) 2.48
- d) 1.41

16. Which one of the following is the correct relationship?

- a) $F = \mu R$
- b) $F = 4\mu R$
- c) $F = 3\mu R$
- d) $F = 2\mu R$

17. The value of area under a velocity-time graph is _____
a) Acceleration
b) Displacement
c) Force
 d) Momentum
18. The value of area under acceleration-time graph is _____
 a) Velocity
b) Displacement
c) Force
d) Impulse
19. The value of area under force-time graph is _____
a) Reaction
 b) Change in momentum
c) Force
d) Torque
20. Full form of HVDC is _____
 a) High Voltage Direct Current
b) High Voltage Distribution Combination
c) High-Value Direct Current
d) High-Value Distribution Combination
21. Full form of HVAC is _____
a) High Voltage Alternative Current
 b) High Voltage Alternating Current
c) High-Value Alternating Combination
d) High-Value Alternative Counter
22. Full form of SVC is _____
 a) Static Var Compensator
b) Static Variable Counter
c) State Value Counter
d) Static Value Compensator
23. Full form of STATCOM is _____
a) Static Synchronous Counter
 b) Static Synchronous Compensator
c) State Synchronized Compensator
d) State System Counter
24. The circuit which operates signals is called as _____
 a) Track circuit
b) Fellow circuit
c) Ground circuit
d) Unit circuit
25. Which is the most severe type of fault?
a) LL
b) LLG
c) LLL
 d) LLLG

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021-2022

FEEDBACK FORM

Name of the Student: Thirisha.M

Register No.: 411520105331

Year: II - EEE

Date of Feedback: 4-5-22

Course Name: LEVERAGING ELECTRIC VEHICLE TECHNOLOGY

1. How do you value the course content?

The course content was very interesting

2. How would you understand the content delivery by the instructor?

The method of content delivery was easy to understand

3. Write the overall quality of the program

NICE and excellent Program

4. Will you recommend this program to your friends/juniors/seniors?

Yes I recommend this Program to my friends

Suggestions to improve, if any:

—

Thirisha

Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

FEEDBACK FORM

Name of the Student: DURAIRAJ.M

Register No.: 411519105005

Year: III . EEE

Date of Feedback: 04/05/2022

Course Name:

LEVERAGING ELECTRIC VEHICLE TECHNOLOGY

1. How do you value the course content?

THE COURSE CONTENT WAS USEFUL

2. How would you understand the content delivery by the instructor?

THE CONTENT WAS REALLY INTERESTED

3. Write the overall quality of the program

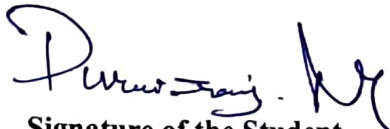
THE QUALITY OF THE PROGRAM WAS BEST

4. Will you recommend this program to your friends/juniors/seniors?

YES, SURE

Suggestions to improve, if any:

NIL


Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

FEEDBACK FORM

Name of the Student: AHALYA M

Register No.: 411518105002

Year: IV - EEE

Date of Feedback: 04/05/2022

Course Name: LEVERAGING ELECTRIC VEHICLE TECHNOLOGY .

1. How do you value the course content?

THE COURSE CONTENT WAS VERY USEFUL FOR MY CAREER .

2. How would you understand the content delivery by the instructor?

THE KNOWLEDGE SHARED BY THE INSTRUCTOR WAS VERY INFORMATIVE .

3. Write the overall quality of the program

VERY GOOD & INTERESTING .

4. Will you recommend this program to your friends/juniors/seniors?

YES , OF COURSE .

Suggestions to improve, if any:



Signature of the Student

PERI

INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organizes

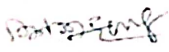
ADD ON COURSE IN

"LEVERAGING ELECTRIC VEHICLE TECHNOLOGY"

CERTIFICATE
OF PARTICIPATION

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


of ii Year, Electrical and Electronics Engineering, PERI Institute of Technology has completed an add on course in **LEVERAGING ELECTRIC VEHICLE TECHNOLOGY** held from **27/04/2022** to **04/05/2022**.



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organizes

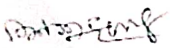
ADD ON COURSE IN

“LEVERAGING ELECTRIC VEHICLE TECHNOLOGY”

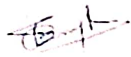
CERTIFICATE
OF PARTICIPATION

This is to certify that Mr / Ms. Pruthvraj M


of III Year, Electrical and Electronics Engineering, PERI Institute of Technology has completed an add on course in **LEVERAGING ELECTRIC VEHICLE TECHNOLOGY** held from **27/04/2022** to **04/05/2022**.



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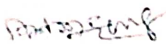
ADD ON COURSE IN

"LEVERAGING ELECTRIC VEHICLE TECHNOLOGY"

CERTIFICATE
OF PARTICIPATION

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

of IV Year, Electrical and Electronics Engineering, PERI Institute of Technology has completed an add on course in **LEVERAGING ELECTRIC VEHICLE TECHNOLOGY** held from **27/04/2022** to **04/05/2022**.



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Mannivakkam, Chennai 600048
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021-2022

Ref: PERIIT/EEE/CC/2021-22/009

Date: 18.04.2022

CIRCULAR

The Electrical and Electronics Engineering Department of PERI IT has planned to conduct Add-on course titled "Design Thinking and Electrical Design Development" for II, III and IV year EEE students.

S.No.	Year	Scheduled Date	Session 1	Session 2
1	II/III/IV	07-05-2022 to 12-05-2022	8.30 AM to 11.45AM	12.30 PM to 03.30 PM


Coordinator


HoD/EEE

Copy To:

1. Principal
2. Vice – Principal
3. IQAC
4. Faculty Members
5. Notice Board

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

Minutes of Meeting

Course Code : EA010

Course Name: Design Thinking and Electrical Design Development

Venue: HOD Room, Beta Block , PERI IT

Date:21/04/2022 Time:12.00 PM- 1.00 PM

Agenda of the meeting:

1. Syllabus preparation
2. Tentative Time Table
3. Assessment method

Members present:

1. Ms. S. L. Sreedevi, HOD/EEE,
2. Mr. R. Tamilamuthan, Co Ordinator,
3. Dr. P. Yamunaa,
4. Ms. A. Vijayalakshmi,

Mr. R. Tamilamuthan, Co Ordinator, welcomed and briefed the committee members about the agenda.

Agenda Item 1: Syllabus preparation

The syllabus is framed accordingly in order to meet the objectives of the course, various Universities, IITs, NITs syllabus has been taken into consideration for syllabus preparation.


Agenda Item 2: Tentative Time Table

The timetable is prepared as per the university requirement and communicated to the subject expert.

Agenda Item 3: Assessment method

Two assessment will be conducted at the end of the course.


Coordinator


Senior Faculty Member


HOD/EEE


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Dr. R. PALSON KENNEDY, M.E., Ph.D.
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Mannivakkam, Chennai - 600 048

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Mannivakkam, Chennai 600048

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

SHORT DESCRIPTION

Course Code : EA010

Course Name: Design Thinking and Electrical Design Development

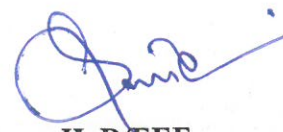
Design thinking rests on defining different stages of innovation - discovering and describing problems via processes to connect with users and frame challenges. This inspiration evolves into stages of ideation and prototyping; opportunities for solution can then be tested and refined, to result in final implementation.

COURSE OBJECTIVES

- To understand the principles of design thinking and how they can be applied to electrical engineering challenges
- To learn methods for empathizing with end-users to identify their needs, preferences, and pain points in electrical design contexts
- To develop skills in problem definition and ideation, fostering creativity and innovation in electrical design solutions
- To gain proficiency in conducting rapid prototyping and iterative testing to validate and refine electrical design concepts
- To explore techniques for integrating user feedback into the design process to enhance the usability and effectiveness of electrical systems



Coordinator



HoD/EEE

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

SYLLABUS

MODULE 1: INTRODUCTION TO DESIGN THINKING AND ELECTRICAL DESIGN

Overview of design thinking principles, Introduction to the double diamond design process, Understanding the role of empathy in electrical design, Fundamentals of electrical engineering concepts

MODULE 2: EMPATHIZE AND DEFINE

Techniques for empathizing with end-users in electrical design contexts, Methods for defining design challenges and problem statements, Case studies and exercises focusing on user-centered design in electrical engineering

MODULE 3: IDEATE AND PROTOTYPE

Creative brainstorming techniques for generating electrical design concepts, Rapid prototyping methods for exploring and testing ideas, Tools and resources for creating prototypes in electrical engineering

MODULE 4: TEST AND ITERATE

Strategies for gathering feedback from users and stakeholders, Techniques for evaluating and iterating on electrical design prototypes, Importance of iteration and refinement in the design process, Case studies and real-world examples of successful iteration in electrical design projects

MODULE 5: INTEGRATION AND APPLICATION

Integration of user feedback and design improvements into final electrical design solutions, Principles of system integration and optimization in electrical engineering, Ethical considerations and sustainability in electrical design



Coordinator


HoD/EEE

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

TIME TABLE

Course Code : EA010

Course Name: Design Thinking and Electrical Design Development

S.No	DATE	HOURS	TOPIC
1	07.05.2022	1st-6th	Overview of design thinking principles, Introduction to the double diamond design process, Understanding the role of empathy in electrical design, Fundamentals of electrical engineering concepts
2	09.05.2022	1st-6th	Techniques for empathizing with end-users in electrical design contexts, Methods for defining design challenges and problem statements, Case studies and exercises focusing on user-centered design in electrical engineering
3	10.05.2022	1st-6th	Creative brainstorming techniques for generating electrical design concepts, Rapid prototyping methods for exploring and testing ideas, Tools and resources for creating prototypes in electrical engineering
4	11.05.2022	1st-6th	Strategies for gathering feedback from users and stakeholders, Techniques for evaluating and iterating on electrical design prototypes, Importance of iteration and refinement in the design process, Case studies and real-world examples of successful iteration in electrical design projects
5	12.05.2022	1st-6th	Integration of user feedback and design improvements into final electrical design solutions, Principles of system integration and optimization in electrical engineering, Ethical considerations and sustainability in electrical design



Coordinator



HoD/EEE

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021-2022

II - EEE

S. No	Register Number	Student Name
1.	411520105001	Arunachalam R L
2.	411520105003	Chandru S
3.	411520105004	Janarthanan K
4.	411520105005	Jayanth D
5.	411520105006	Keerthana V
6.	411520105007	Krishnakumar R
7.	411520105008	Nitheesh A
8.	411520105009	Pavithra C
9.	411520105010	Poovarasana A
10.	411520105011	Praveenkumar A
11.	411520105012	Rajkumar R
12.	411520105013	Ramya S
13.	411520105014	Saravanan E
14.	411520105015	Sivaramakrishnan R
15.	411520105016	Srikanth G
16.	411520105017	Vigneshwaran G
17.	411520105018	Yuvashree M
18.	411520105301	Abishek Samuel B
19.	411520105302	Anuramabarathi S
20.	411520105304	Dinesh Kumar P
21.	411520105307	Gokul S
22.	411520105308	Hariharan S
23.	411520105309	Harish P
24.	411520105310	Harish R
25.	411520105311	Jancy Reena P
26.	411520105312	Jayanthan S
27.	411520105313	Kavikumar M
28.	411520105314	Kingslin A
29.	411520105315	Mariyakalai P
30.	411520105316	Mohan R
31.	411520105319	Nivetha S
32.	411520105320	Poovarasana M
33.	411520105321	Prasanth K
34.	411520105323	Rajesh S
35.	411520105324	Sarvesh S
36.	411520105326	Sowndarya S
37.	411520105327	Sridharan P
38.	411520105328	Srinath K
39.	411520105329	Sumithra S
40.	411520105330	Suresh M

Handwritten signature

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021-2022
III - EEE


S. No	Register Number	Student Name
1.	411519105001	Abimanyu S
2.	411519105002	Archanajenifer C
3.	411519105003	Balaji S
4.	411519105004	Dinesh J
5.	411519105005	Durairaj M
6.	411519105006	Hariharan R
7.	411519105007	Iyappan P
8.	411519105008	Ponnarasi K
9.	411519105009	Savitha R
10.	411519105010	Surya P
11.	411519105011	Vinothkumar M



Dr. R. PALSON KENNEDY, M.E., Ph.D.
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PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021-2022
IV – EEE

S. No	Register Number	Student Name
1.	411518105002	Ahalya M
2.	411518105003	Askar Ali T
3.	411518105004	Bharathi M
4.	411518105005	Dasaradhan S
5.	411518105006	Dharanimaran A
6.	411518105007	Jeeva J
7.	411518105008	Jeevagan S
8.	411518105009	Jeevitha V
9.	411518105010	Magesh B K
10.	411518105011	Mohanasri L
11.	411518105012	Mukesh E
12.	411518105013	Rajkumar M
13.	411518105014	Ritu waliya
14.	411518105015	Sanjay V
15.	411518105016	Sathish Balaji S
16.	411518105017	Subashini D
17.	411518105019	Thanigaimalai J S
18.	411518105020	Vignesh S
19.	411518105301	Jayakandan S
20.	411518105701	Rojan Steavewak A


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ACADEMIC YEAR 2021-2022

Attendance

Course Code : EA010

Course Name: Design Thinking and Electrical Design Development

S. No	Register Number	Name of the Student	Date				
			07.05.2022	09.05.2022	10.05.2022	11.05.2022	12.05.2022
II - EEE							
1.	411520105001	Arunachalam R L	Arunachalam R L	Arunachalam R L	Arunachalam R L	Arunachalam R L	Arunachalam R L
2.	411520105003	Chandru S	Chandru S	Chandru S	Chandru S	Chandru S	Chandru S
3.	411520105004	Janarthanan K	Janarthanan K	Janarthanan K	Janarthanan K	Janarthanan K	Janarthanan K
4.	411520105005	Jayanth D	Jayanth D	Jayanth D	Jayanth D	Jayanth D	Jayanth D
5.	411520105006	Keerthana V	Keerthana V	Keerthana V	Keerthana V	Keerthana V	Keerthana V
6.	411520105007	Krishnakumar R	Krishnakumar R	Krishnakumar R	Krishnakumar R	Krishnakumar R	Krishnakumar R
7.	411520105008	Nitheesh A	Nitheesh A	Nitheesh A	Nitheesh A	Nitheesh A	Nitheesh A
8.	411520105009	Pavithra C	Pavithra C	Pavithra C	Pavithra C	Pavithra C	Pavithra C
9.	411520105010	Poovarasana A	Poovarasana A	Poovarasana A	Poovarasana A	Poovarasana A	Poovarasana A
10.	411520105011	Praveenkumar A	Praveenkumar A	Praveenkumar A	Praveenkumar A	Praveenkumar A	Praveenkumar A
11.	411520105012	Rajkumar R	Rajkumar R	Rajkumar R	Rajkumar R	Rajkumar R	Rajkumar R
12.	411520105013	Ramyas S	Ramyas S	Ramyas S	Ramyas S	Ramyas S	Ramyas S
13.	411520105014	Saravanan E	Saravanan E	Saravanan E	Saravanan E	Saravanan E	Saravanan E
14.	411520105015	Sivaramkrishnan R	Sivaramkrishnan R	Sivaramkrishnan R	Sivaramkrishnan R	Sivaramkrishnan R	Sivaramkrishnan R
15.	411520105016	Srikanth G	Srikanth G	Srikanth G	Srikanth G	Srikanth G	Srikanth G
16.	411520105017	Vigneshwaran G	Vigneshwaran G	Vigneshwaran G	Vigneshwaran G	Vigneshwaran G	Vigneshwaran G
17.	411520105018	Yuvashree M	Yuvashree M	Yuvashree M	Yuvashree M	Yuvashree M	Yuvashree M

18.	411520105301	Abishek Samuel B	Abi Sam B	Abi Sam B	Abi Sam B	Abi Sam B	Abi Sam B
19.	411520105302	Anuramabarathi S	Anur	Anur	Anur	Anur	Anur
20.	411520105304	Dinesh Kumar P	DKR	DKR P	DKR P	DKR	DKR
21.	411520105307	Gokul S	S. Gogul	S. Gogul	S. Gogul	S. Gogul	S. Gogul
22.	411520105308	Hariharan S	Hariharan	Hariharan	Hariharan	Hariharan	Hariharan
23.	411520105309	Harish P	Harish P	Harish P	Harish P	Harish P	Harish P
24.	411520105310	Harish R	Harish R	Harish R	Harish R	Harish R	Harish R
25.	411520105311	Jancy Reena P	Jancy Rea	Jancy Rea	Jancy Rea	Jancy Rea	Jancy Rea
26.	411520105312	Jayanthan S	Jayanth S	Jayanth S	Jayanth S	Jayanth S	Jayanth S
27.	411520105313	Kavikumar M	Kant	Kant	Kant	Kant	Kant
28.	411520105314	Kingslin A	King A	King A	King A	King A	King A
29.	411520105315	Mariyakalai P	Mariyak	Mariyak	Mariyak	Mariyak	Mariyak
30.	411520105316	Mohan R	R. Mohan	R. Mohan	R. Mohan	R. Mohan	R. Mohan
31.	411520105319	Nivetha S	Nivetha	Nivetha	Nivetha	Nivetha	Nivetha
32.	411520105320	Poovarasan M	Poovarasan	Poovarasan	Poovarasan	Poovarasan	Poovarasan
33.	411520105321	Prasanth K	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth
34.	411520105323	Rajesh S	Rajesh S	Rajesh S	Rajesh S	Rajesh S	Rajesh S
35.	411520105324	Sarvesh S	Sarvesh	Sarvesh	Sarvesh	Sarvesh	Sarvesh
36.	411520105326	Sowndarya S	Sowndarya S	Sowndarya S	Sowndarya S	Sowndarya S	Sowndarya S
37.	411520105327	Sridharan P	Sridharan	Sridharan	Sridharan	Sridharan	Sridharan
38.	411520105328	Srinath K	Srinath K	Srinath K	Srinath K	Srinath K	Srinath K
39.	411520105329	Sumithra S	Sumithra	Sumithra	Sumithra	Sumithra	Sumithra
40.	411520105330	Suresh M	M. Suresh	M. Suresh	M. Suresh	M. Suresh	M. Suresh
41.	411520105331	Thirsha M	Thirsha	Thirsha	Thirsha	Thirsha	Thirsha
42.	411520105332	Thomas Richard M	Thomas	Thomas	Thomas	Thomas	Thomas
43.	411520105333	Varshini R	Varshini	Varshini	Varshini	Varshini	Varshini
44.	411520105334	Velu P	Velu P	Velu P	Velu P	Velu P	Velu P
45.	411520105335	Venkatesh M	Venki	Venki	Venki	Venki	Venki

III - EEE

1.	411519105001	Abimanyu S	Abimanyu	Abimanyu	Abimanyu	Abimanyu	Abimanyu
2.	411519105002	Archanajenifer C	Archanajenifer	Archanajenifer	Archanajenifer	Archanajenifer	Archanajenifer
3.	411519105003	Balaji S	Balaji S	Balaji S	Balaji S	Balaji S	Balaji S
4.	411519105004	Dinesh J	Dinesh J	Dinesh J	Dinesh J	Dinesh J	Dinesh J

Handwritten signature in green ink.

5.	411519105005	Durairaj M	Durai raj m	Durai raj m	Durai raj m	Durai raj m	Durai raj m
6.	411519105006	Hariharan R	Hariharan R	Hariharan R	Hariharan R	Hariharan R	Hariharan R
7.	411519105007	Iyappan P	Iyappan	Iyappan	Iyappan	Iyappan	Iyappan
8.	411519105008	Ponnarasi K	Ponnarasi K	Ponnarasi K	Ponnarasi K	Ponnarasi K	Ponnarasi K
9.	411519105009	Savitha R	Savitha R	Savitha R	Savitha R	Savitha R	Savitha R
10.	411519105010	Surya P	Surya P	Surya P	Surya P	Surya P	Surya P
11.	411519105011	Vinothkumar M	Vinothkumar M	Vinothkumar M	Vinothkumar M	Vinothkumar M	Vinothkumar M

IV - EEE

1.	411518105002	Ahalya M	Ahalya M	Ahalya M	Ahalya M	Ahalya M	Ahalya M
2.	411518105003	Askar Ali T	Askar Ali T	Askar Ali T	Askar Ali T	Askar Ali T	Askar Ali T
3.	411518105004	Bharathi M	Bharathi M	Bharathi M	Bharathi M	Bharathi M	Bharathi M
4.	411518105005	Dasaradhan S	Dasaradhan S	Dasaradhan S	Dasaradhan S	Dasaradhan S	Dasaradhan S
5.	411518105006	Dharanimaran A	Dharanimaran A	Dharanimaran A	Dharanimaran A	Dharanimaran A	Dharanimaran A
6.	411518105007	Jeeva J	Jeeva J	Jeeva J	Jeeva J	Jeeva J	Jeeva J
7.	411518105008	Jeevagan S	Jeevagan S	Jeevagan S	Jeevagan S	Jeevagan S	Jeevagan S
8.	411518105009	Jeevitha V	Jeevitha V	Jeevitha V	Jeevitha V	Jeevitha V	Jeevitha V
9.	411518105010	Magesh B K	Magesh B K	Magesh B K	Magesh B K	Magesh B K	Magesh B K
10.	411518105011	Mohanasri L	Mohanasri L	Mohanasri L	Mohanasri L	Mohanasri L	Mohanasri L
11.	411518105012	Mukesh E	Mukesh E	Mukesh E	Mukesh E	Mukesh E	Mukesh E
12.	411518105013	Rajkumar M	Rajkumar M	Rajkumar M	Rajkumar M	Rajkumar M	Rajkumar M
13.	411518105014	Ritu waliya	Ritu waliya	Ritu waliya	Ritu waliya	Ritu waliya	Ritu waliya
14.	411518105015	Sanjay V	Sanjay V	Sanjay V	Sanjay V	Sanjay V	Sanjay V
15.	411518105016	Sathish Balaji S	Sathish Balaji S	Sathish Balaji S	Sathish Balaji S	Sathish Balaji S	Sathish Balaji S
16.	411518105017	Subashini D	Subashini D	Subashini D	Subashini D	Subashini D	Subashini D
17.	411518105019	Thanigaimalai J S	Thanigaimalai J S	Thanigaimalai J S	Thanigaimalai J S	Thanigaimalai J S	Thanigaimalai J S
18.	411518105020	Vignesh S	Vignesh S	Vignesh S	Vignesh S	Vignesh S	Vignesh S
19.	411518105301	Jayakandan S	Jayakandan S	Jayakandan S	Jayakandan S	Jayakandan S	Jayakandan S
20.	411518105701	Rojan Steavewak A	Rojan Steavewak A	Rojan Steavewak A	Rojan Steavewak A	Rojan Steavewak A	Rojan Steavewak A


Coordinator



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HOD/EEE

PERI INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

Assessment

Course Code : EA010

Course Name: Design Thinking and Electrical Design Development

23/25

Vijayamini
12/5/22

1. What is Design Thinking?
 - a) A process for creating software applications
 - b) A creative problem-solving approach
 - c) A design methodology for industrial products
 - d) A project management methodology X
2. Which of the following is not a stage in the Design Thinking process?
 - a) Empathize
 - b) Define
 - c) Ideate
 - d) Appraise ✓
3. What is the first stage in the Design Thinking process?
 - a) Define
 - b) Ideate
 - c) Empathize ✓
 - d) Prototype
4. Which of the following is not a principle of Design Thinking?
 - a) Human-centeredness
 - b) Bias towards action X
 - c) Collaboration
 - d) Embrace uncertainty
5. In Design Thinking, what is a prototype?
 - a) A functional product
 - b) A blueprint for a product
 - c) A test version of a product ✓
 - d) A conceptual model of a product
6. What is the goal of Design Thinking?
 - a) To create visually appealing products
 - b) To solve complex problems ✓
 - c) To minimize production costs
 - d) To maximize profits
7. Software Design consists of _____.
 - a) Software Product Design
 - b) Software Engineering Design
 - c) Software Product & Engineering Design ✓
 - d) None of the mentioned

8. Which of the following is true?
- Analysis – Solving problem
 - Design – Understanding problem
 - Analysis & Design
 - None of the mentioned
9. Which of these are followed in case of software design process?
- Analysis occurs at start of product design with a product idea
 - Analysis occurs at the end of engineering design with the SRS
 - Product design resolution produces the design document
 - Engineering design resolution produces the SRS
10. Which of these is not in sequence for generic design process?
- Analyze the Problem
 - Evaluate candidate solutions
 - Finalize the Design
 - None of the mentioned
11. Why do you think iteration is important for design?
- To frequently reanalyze the problem
 - To generate and improve solutions only once for better output
 - All of the mentioned
 - None of the mentioned
12. Which step among these follows the wrong sequence in software engineering design process?
- Analyze problem
 - Generate candidate architecture
 - Finalize design
 - Select detailed design
13. Which of these is said to be true about resolution process in generic software engineering design process?
- Architectural design is low resolution process
 - Detailed design is high resolution process
 - All of the mentioned
 - None of the mentioned
14. Generic software engineering design process defined by which of these steps?
- Generic software engineering design process first job after analysis is detailed design
 - Attention is turned later to architectural design
 - Architectural design is not followed by Detailed design
 - All of the mentioned
15. Designs are periodically modified to
- improve product performance
 - strive for zero-based rejection and waste
 - make products easier and faster to manufacture
 - all of the mentioned
16. What does top down process follow?
- The overall flow of activity during product design resolution is from higher to lower levels
 - The overall flow of activity during product design resolution is from lower to higher levels
 - All of the mentioned
 - None of the mentioned

17. What are the most common scenarios for resolutions?
- Designers frequently work bottom up or skip levels of abstraction
 - To specify some part of product design to its physical level details before others are specified
 - All of the mentioned
 - None of the mentioned
18. Collection of stakeholder needs is called?
- Requirements elicitation
 - Requirements validation
 - Needs Elicitation
 - Requirements & Needs elicitation
19. Confirming with stakeholder that a product design satisfies their needs and desires are called?
- Requirements validation
 - Requirements elicitation
 - Requirements analysis
 - None of the mentioned
20. Which of the following statement is false?
- A process is a collection of related tasks that transforms a set of inputs to the set of output
 - A design notation is a symbolic representational system
 - A design heuristic is a rule proceeding guidance, with guarantee for achieving some end
 - Software design method is orderly procedure for providing software design solutions
21. What is incorrect about structural design?
- Structural design introduced notations and heuristics
 - Structural design emphasis on procedural decomposition
 - The advantage is data flow representation
 - It follows Structure chart
22. What is the solution for Structural design?
- The specification model following data flow diagram
 - Procedures represented as bubbles
 - Specification model is structure chart showing procedure calling hierarchy and flow of data in and out of procedures
 - Emphasizing procedural decomposition
23. Which of these are followed by the latest versions of structural design?
- More detailed and flexible processes
 - Regular Notations
 - Wide support by CASE(Computer Aided Software Engineering)
 - Wide support by CASE, More detailed and flexible processes
24. Which of the following is an incorrect method for structural design?
- Transition of problem models to solution models
 - Handling of larger and more complex products
 - Designing Object oriented systems
 - More procedural approach
25. What is followed by the design task?
- Choosing specific classes, operations
 - Checking model's completeness
 - Following design task heuristics
 - All of the mentioned

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

FEEDBACK FORM

Name of the Student: SARVESH . S Register No.: 411520105321
Year: II, EEE Date of Feedback: 12/05/2022
Course Name: DESIGN THINKING AND ELECTRICAL
DESIGN DEVELOPMENT

1. How do you value the course content?

INNOVATIVE COURSE

2. How would you understand the content delivery by the instructor?

THE INSTRUCTOR. TEACH US WELL.

3. Write the overall quality of the program

OVER ALL QUALITY OF THE PROGRAM
WAS FANTASTIC

4. Will you recommend this program to your friends/juniors/seniors?

YES

Suggestions to improve, if any:

Nil


Signature of the Student

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ACADEMIC YEAR 2021-2022

FEEDBACK FORM

Name of the Student: *Surya P*

Register No.: *411519105010*

Year: *III. EEE*

Date of Feedback: *12/05/2022*

Course Name: *Design Thinking and Electrical Design Development*

1. How do you value the course content?

The Course Content was Simple

2. How would you understand the content delivery by the instructor?

The instructor was delivered the lecture in an understandable manner

3. Write the overall quality of the program

The quality of the program was Spectacular.

4. Will you recommend this program to your friends/juniors/seniors?

Yes

Suggestions to improve, if any:

NIL

Surya P.
Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021-2022

FEEDBACK FORM

Name of the Student: Ritu Waliya

Register No.: 411518105014

Year: IV - EEE

Date of Feedback: 12.05.2022

Course Name: Design Thinking and Electrical Design Development

1. How do you value the course content?

It was very useful and helpful

2. How would you understand the content delivery by the instructor?

The Instructor was well prepared and informative

3. Write the overall quality of the program

Excellent

4. Will you recommend this program to your friends/juniors/seniors?

I would highly recommend this course

Suggestions to improve, if any:

Nil



Signature of the Student

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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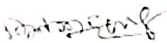
ADD ON COURSE IN

"DESIGN THINKING AND ELECTRICAL DESIGN DEVELOPMENT"

CERTIFICATE
OF PARTICIPATION

This is to certify that Mr / ~~Ms.~~ Sarvesh S

of II Year, Electrical and Electronics Engineering, PERI Institute of Technology has completed an add on course in **DESIGN THINKING AND ELECTRICAL DESIGN DEVELOPMENT** held from **07/05/2022** to **12/05/2022**.



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ADD ON COURSE IN

“DESIGN THINKING AND ELECTRICAL DESIGN DEVELOPMENT”

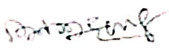
CERTIFICATE
OF PARTICIPATION

This is to certify that Mr / Ms. Surya P


of III Year, Electrical and Electronics Engineering, PERI Institute of Technology has

completed an add on course in **DESIGN THINKING AND ELECTRICAL DESIGN**

DEVELOPMENT held from **07/05/2022** to **12/05/2022**.



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ADD ON COURSE IN

“DESIGN THINKING AND ELECTRICAL DESIGN DEVELOPMENT”

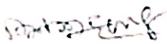
CERTIFICATE
OF PARTICIPATION

This is to certify that ~~Mr~~ Ms. Ritu Waliya

of IV Year, Electrical and Electronics Engineering, PERI Institute of Technology has

completed an add on course in **DESIGN THINKING AND ELECTRICAL DESIGN**

DEVELOPMENT held from **07/05/2022** to **12/05/2022**.



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DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2021-2022

Ref: PERI IT /MECH /Add-On Course/2021-22/01

Date: 07.02.2022

CIRCULAR

The Mechanical Engineering Department of PERI IT has planned to conduct Add-on course titled “**Reverse Engineering and GD&T Application**” for the Academic year of 2022 – 2023 for II, III & IV year Mechanical students.

Sl. No.	Year	Scheduled Date	Session 1	Session 2
1	II, III & IV	19.03.2022 -07.05.2022	8.30 AM to 11.45AM	12.30PM to3.30PM


Co-Ordinator


Head of the Department

Head of the Department
Dept. of Mechanical Engg.
PERI INSTITUTE OF TECH
Mannivakkam, Ch-600 048.

Copy To:

1. Principal
2. Vice – Principal
3. IQAC
4. Faculty Members
5. Notice Board

PERI INSTITUTE OF TECHNOLOGY

Mannivakkam, Chennai 600048

DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR 2021-2022

Minutes of the Meeting

Course Code and Name: MEA002 Reverse Engineering and GD&T Application

Venue: HOD Room, Beta Block, PERI IT

Date: 20/02/2023 Time: 12.00PM-1.00PM

Agenda of the meeting:

1. Syllabus preparation
2. Tentative Time Table
3. Assessment method

Members present:

1. Mr. Anil Kumar, HOD/Mech
2. Dr. R. M. Sathyamoorthy, Assistant Professor / Mech
3. Mr. Sundarapandiyan, Assistant Professor / Mech
4. Mr. Dhilip Kumar, Assistant Professor / Mech

Dr. R. M. Sathyamoorthy, Coordinator welcomed and briefed the committee members about the agenda.

Agenda Item 1: Syllabus preparation for Reverse Engineering and GD&T Application

The syllabus is framed accordingly in order to meet the objectives of the course, various Universities, IITs, NITs syllabus has been taken into consideration for syllabus preparation.

Agenda Item 2: Tentative Time Table

The timetable is prepared as per the university requirement and communicated to the subject expert.

Agenda Item 3: Assessment method

Assessment exam will be conducted at the end of the course.


Coordinator


Senior faculty member


HOD/MECH


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Mannivakkam, Chennai 600048

DEPARTMENT OF MECHANICAL ENGINEERING

MEA002 - REVERSE ENGINEERING AND GD&T APPLICATION

SYLLABUS

Module 1: Introduction to Reverse Engineering

- Definition and purpose, Historical context and modern applications, Overview of the reverse engineering process
- Intellectual property rights, Ethical considerations in reverse engineering, Case studies of legal and ethical issues

Module 2: Tools and Techniques in Reverse Engineering

- Overview of measurement tools (calipers, micrometers, CMMs, 3D scanners), Techniques for accurate measurement, Hands-on lab: Using measurement tools
- Creating 2D drawings and 3D models, Software tools for digital modeling (e.g., AutoCAD, Solid Works)

Module 3: Analysis and Reconstruction in Reverse Engineering

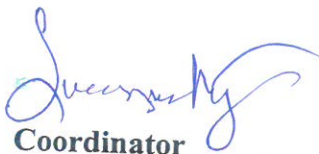
- Analyzing measurement data, Identifying design features and functions, Case studies of reverse engineering projects, Techniques for reconstructing products
- Using CAD software for redesign

Module 4: Introduction to Geometric Dimensioning and Tolerancing (GD&T)

- Basic concepts and terminology, Importance of GD&T in engineering, Overview of GD&T symbols and standards, Form tolerances: flatness, straightness, circularity, cylindricity, Orientation tolerances: parallelism, perpendicularity, angularity.

Module 5: Advanced GD&T Applications, Integrating Reverse Engineering and GD&T

- Circular runout, total runout, Functional gauging techniques, Hands-on lab: Applying runout tolerances, Inspection methods and tools, Verifying GD&T specifications.
- Detailed analysis of reverse engineering and GD&T applications in industry, Discussion of success stories and challenges


Coordinator


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DEPARTMENT OF MECHANICAL ENGINEERING

SHORT DESCRIPTION

Course Code: MEA002

Course Name: REVERSE ENGINEERING AND GD&T APPLICATION

Reverse Engineering is the process of deconstructing an existing product or system to understand its design, architecture, and functioning. This is done to replicate, improve, or analyze the product. GD&T is a system for defining and communicating engineering tolerances through symbolic language on engineering drawings and models. It precisely defines the geometry of parts and their allowable variations to ensure proper function and interchangeability. GD&T consists of symbols that indicate various types of tolerances.

This course provides a comprehensive understanding of reverse engineering and the application of Geometric Dimensioning and Tolerance (GD&T) in engineering design and manufacturing. Students will gain hands-on experience with reverse engineering techniques and tools, learn to interpret and apply GD&T principles, and understand the importance of these skills in the context of modern engineering and quality assurance.

COURSE OBJECTIVES

By the end of the course, students will be able to

- Understand the Fundamentals of Reverse Engineering
- Utilize Measurement Tools and Techniques
- Reconstruct and Redesign Products
- Apply GD&T to Engineering Designs
- Optimize Design for Manufacturability and Assembly


Coordinator


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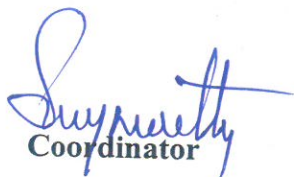
TIME TABLE

Course Code: MEA002

Year/Semester: II,III,IV/IV,VI,VIII

Course Name: Reverse Engineering and GD&T Application Session: FN & AN

Sl. No	DATE	HOURS	TOPICS
1	19.03.2022	1-6 th	Understanding assembly theory, Creating New Assembly parts, Top Down assembly- Bottom Up assembly.
2	26.03.2022	1-6 th	Introduction to mechanisms role in assembly, importance of Degree of Freedom, Basic Physical mechanisms like 4- bar mechanism, Rack & Pinion gear, Deltoid linkage, Gear meshing.
3	31.03.2022	1-6 th	Assembly constraint status, Constraints like Coincidence, Concentric, Pin and Rigid. Exploring the dismantling method and analysis the errors in component structure.
4	13.04.2022	1-6 th	Direction allocation for explosion, Exploded line, BOM, Balloons.
5	07.05.2022	1-6 th	Rack & pinion assembly, Sun-Plant gear assembly, Differential unit assembly, Transmission system.


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DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2021-2022

Participants Name List

Course Name - Reverse Engineering and GD&T Application

Course Code: MEA002

Year/Semester: IV / VIII

Sl. No	Registration Number	Student Name	Sl. No	Registration Number	Student Name
1	411518114001	AJAY N	26	411518114027	KARTHIKEYAN M
2	411518114002	AJITH KUMAR S	27	411518114028	KUMARESAN P
3	411518114003	ALLWIN RAJ SUDHAN A	28	411518114029	LAKSHMANA PRABU K
4	411518114004	AMARNATH S	29	411518114030	MAADESHWARAN A
5	411518114005	ARAVINTH R	30	411518114031	MANIGANDAN A
6	411518114006	ARUN S G	31	411518114032	MANIKANDAN P
7	411518114007	AVINASH R	32	411518114033	MATHIBHAVAN D
8	411518114008	BALAJI K	33	411518114034	MITHUN A
9	411518114009	BHUVAN RAJ P	34	411518114035	MUTHU PRAKASH V
10	411518114010	CHANDRASEKAR G	35	411518114037	NAVEEN R
11	411518114011	CHANDRU A	36	411518114039	PONNAPALLI SAISUMANTH
12	411518114012	DEVENDARAKUMARAN	37	411518114040	PRAVEEN KUMAR B
13	411518114013	DILLIBABU E P	38	411518114041	RAGURAJ B
14	411518114014	DIVYA S	39	411518114042	RAHUL V
15	411518114015	GANGULY R	40	411518114043	RAJASRINIVASAN K
16	411518114016	GOKUL S	41	411518114044	RAJESHKUMAR M
17	411518114017	GOWTHAM T	42	411518114045	RAMACHANDRAN M
18	411518114018	HARISH R	43	411518114046	REVANTH KUMAR S
19	411518114019	HARISUDHAN S	44	411518114047	ROHIT RAGAV S S
20	411518114020	HEMANTH KUMAR R	45	411518114048	SAI SHYAM S
21	411518114021	JAINULABDEEN J	46	411518114051	SOUNDER S
22	411518114022	JAWAHAR S	47	411518114052	SUDARMANI V
23	411518114024	KAARTHI R A	48	411518114053	SUGAN R
24	411518114025	KADURU VINOD KUMAR	49	411518114054	SURENDRAN P S
25	411518114026	KARTHICK K	50	411518114055	SURYA L

51	411518114056	SURYA M
52	411518114057	VEERAMANI J
53	411518114058	VIGNESH K
54	411518114059	VIGNESHWARAN V
55	411518114301	DINESH S
56	411518114302	RAVIKUMAR S
57	411518114303	SUNI KAMALESH K


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DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2021-2022


Participants Name List

Course Name - Reverse Engineering and GD&T Application

Course Code: MEA002

Year/Semester: III / VI

S No	Reg No	Name	S No	Reg No	Name
1	411519114001	G. AJITH KUMAR	16	411519114018	V. SATHISH
2	411519114002	A. AKASH	17	411519114019	K. SATHISH KUMAR
3	411519114003	C ARUN	18	411519114020	S SELVINRAJ
4	411519114004	M. FAREED	19	411519114021	V. SIVAKUMAR
5	411519114005	K. GANESH KUMAR	20	411519114022	B SURYA NARAYANAN
6	411519114006	R HARI KRISHNAN	21	411519114023	M THAHA MOHAMED
7	411519114007	V MITHRAN	22	411519114301	S ABDUL RAJACQ
8	411519114008	M. MOHAMMED RAZOOL	23	411519114302	AJAY MATHEW
9	411519114009	S. MUGUNTHARAJ	24	411519114303	MATHAN
10	411519114010	M.T. NAVEEN	25	411519114305	S NAGACHARAN
11	411519114011	S NEELAGANDAN	26	411519114306	P. SARAVANAKUMAR.
12	411519114012	T PRADEEP RAJ	27	411519114307	N. SUNIL.
13	411519114013	A. RAJ	28	411519114308	TAMILARASAN
14	411519114015	G SABARI VASAN	29	411519114309	VALLARASU
15	411519114016	A SANDEESH KUMAR	30	411519114310	SHYAM KUMAR


Coordinator


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 Dept. of Mechanical Engg.
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 Mannivakkam, Ch-600 048.

PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai 600048
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2021-2022

Participants Name List

Course Name - Reverse Engineering and GD&T Application

Course Code: MEA002

Year/Semester: II / IV

Sl. NO	REG NO	NAME
1	411520114001	ABINESH N R
2	411520114002	DHARANI DHARAN P
3	411520114003	DHARANI VARAN T
4	411520114004	GOWTHAM K
5	411520114005	KARTHIK N
6	411520114006	MOHAMMED KANNI A
7	411520114007	NITHYANANDHAM S
8	411520114008	PUVIRASAN
9	411520114009	RAJESH G
10	411520114010	RITHWIK E B
11	411520114011	ROOBAN DHARMARAJ K
12	411520114012	SANTHOSH KUMAR R
13	411520114013	SARANRAJ S
14	411520114014	SATHISH M
15	411520114015	SRIDHARAN S
16	411520114016	SUGADEV V
17	411520114017	TAMIL SELVAN C
18	411520114018	TAMILSELVAN V
19	411520114301	AJITH S
20	411520114302	AKILAN G
21	411520114303	ARINARAYANAN P
22	411520114304	ARJUN K
23	411520114305	BALA ASHWIN D
24	411520114306	BALACHANDAR S
25	411520114307	BALAMURUGAN P
26	411520114308	DEEPAK R
27	411520114309	GEETHAPRIYAN M G

S NO	REG NO	NAME
28	411520114310	GOKULRAJ R
29	411520114311	GOWTHAM P
30	411520114312	JOSHUA A
31	411520114313	JOSHUA DANIEL M
32	411520114314	KISHORE B
33	411520114316	MANIKANDAN S
34	411520114317	MUKESH R
35	411520114318	MURALIDHARAN S
36	411520114319	NANDHAKUMAR S
37	411520114320	OM PRAKASH R
38	411520114321	PRASANTH M
39	411520114322	PRATHIBAN T
40	411520114323	PUGAZHENDHI P
41	411520114325	SAARATHY A
42	411520114326	SANJAY D
43	411520114327	SARAVANAKUMAR P
44	411520114328	SARAVANAN D
45	411520114329	SELVIN GINO S
46	411520114330	SUBASH E
47	411520114331	SUBBRAMANIAN S
48	411520114333	SURIYA P
49	411520114334	SYED ALI F
50	411520114335	SYED GAYAZ BASHA H
51	411520114336	SYED RISWAN BASHA H
52	411520114337	VASUDEVAN R
53	411520114338	VETTRIMURUGAN S
54	411520114341	ANAND JOTHI

Suyamuthy
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DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2021-2022

Attendance Sheet

Course Name: REVERSE ENGINEERING AND GD&T APPLICATION

Course Code: MEA002

Year/Semester: II,III,IV / IV,VI,VIII

Sl. No	Registration Number	Student Name	19.03.22	26.03.22	31.03.23	13.04.22	07.05.22
Final year							
1	411518114001	AJAY N	Ajay N	Ajay N	Ajay N	Ajay N	Ajay N
2	411518114002	AJITH KUMAR S	Ajithkum	Ajithkum	Ajithkum	Ajithkum	Ajithkum
3	411518114003	ALLWIN RAJ SUDHAN A	Sudhan	sudhan	sudhan	sudhan	sudhan
4	411518114004	AMARNATH S	Amarnath	Amarnath	Amarnath	Amarnath	Amarnath
5	411518114005	ARAVINTH R	Aravindh	Aravindh	Aravindh	Aravindh	Aravindh
6	411518114006	ARUN S G	S.G. Arun	S.G. Arun	S.G. Arun	S.G. Arun	S.G. Arun
7	411518114007	AVINASH R	Avinash	Avinash	Avinash	Avinash	Avinash
8	411518114008	BALAJI K	Balaji.k	Balaji.k	Balaji.k	Balaji.k	Balaji.k
9	411518114009	BHUVAN RAJ P	Bhuvan Raj	Bhuvan Raj	Bhuvan Raj	Bhuvan Raj	Bhuvan Raj
10	411518114010	CHANDRASEKAR G	Chandrasekar	Chandrasekar	Chandrasekar	Chandrasekar	Chandrasekar
11	411518114011	CHANDRU A	Chandru	Chandru	Chandru	Chandru	Chandru
12	411518114012	DEVENDARAKUMARA N	Devendar	Devendar	Devendar	Devendar	Devendar
13	411518114013	DILLIBABU E P	Dillibabu	Dillibabu	Dillibabu	Dillibabu	Dillibabu
14	411518114014	DIVYA S	Divya	Divya	Divya	Divya	Divya
15	411518114015	GANGULY R	Ganguly.R	Ganguly.R	Ganguly.R	Ganguly.R	Ganguly.R
16	411518114016	GOKUL S	Gokul	Gokul	Gokul	Gokul	Gokul
17	411518114017	GOWTHAM T	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham
18	411518114018	HARISH R	Harish.R	Harish.R	Harish.R	Harish.R	Harish.R
19	411518114019	HARISUDHAN S	Harisudhan	Harisudhan	Harisudhan	Harisudhan	Harisudhan
20	411518114020	HEMANTH KUMAR R	Hemant Kumar	Hemant Kumar	Hemant Kumar	Hemant Kumar	Hemant Kumar
21	411518114021	JAINULABDEEN J	Jainulabdeen	Jainulabdeen	Jainulabdeen	Jainulabdeen	Jainulabdeen
22	411518114022	JAWAHAR S	Jawahar	Jawahar	Jawahar	Jawahar	Jawahar
23	411518114024	KAARTHI R A	Kaarthi	Kaarthi	Kaarthi	Kaarthi	Kaarthi
24	411518114025	KADURU VINOD KUMAR	Kaduru Vinod	Kaduru Vinod	Kaduru Vinod	Kaduru Vinod	Kaduru Vinod

25	411518114026	KARTHICK K	Karthic	Karthik	Karthic	Karthic	Karthik
26	411518114027	KARTHIKEYAN M	Karthikeyan	Karthikeyan	Karthikeyan	Karthikeyan	Karthikeyan
27	411518114028	KUMARESAN P	Kumaresan	Kumaresan	Kumaresan	Kumaresan	Kumaresan
28	411518114029	LAKSHMANA PRABU K	Lakshmana	Lakshmana	Lakshmana	Lakshmana	Lakshmana
29	411518114030	MAADESHWARAN A	Maadeshwaran	Maadeshwaran	Maadeshwaran	Maadeshwaran	Maadeshwaran
30	411518114031	MANIGANDAN A	Manigandan	Manigandan	Manigandan	Manigandan	Manigandan
31	411518114032	MANIKANDAN P	Manikandan	Manikandan	Manikandan	Manikandan	Manikandan
32	411518114033	MATHIBHAVAN D	Mathibhavan	Mathibhavan	Mathibhavan	Mathibhavan	Mathibhavan
33	411518114034	MITHUN A	Mithun	Mithun	Mithun	Mithun	Mithun
34	411518114035	MUTHU PRAKASH V	Muthu	Muthu	Muthu	Muthu	Muthu
35	411518114037	NAVEEN R	Naveen	Naveen	Naveen	Naveen	Naveen
36	411518114039	PONNAPALLI SAISUMANTH	Ponnappalli	Ponnappalli	Ponnappalli	Ponnappalli	Ponnappalli
37	411518114040	PRAVEEN KUMAR B	Praveen	Praveen	Praveen	Praveen	Praveen
38	411518114041	RAGURAJ B	Raguraj	Raguraj	Raguraj	Raguraj	Raguraj
39	411518114042	RAHUL V	Rahul	Rahul	Rahul	Rahul	Rahul
40	411518114043	RAJASRINIVASAN K	Rajasrinivasan	Rajasrinivasan	Rajasrinivasan	Rajasrinivasan	Rajasrinivasan
41	411518114044	RAJESHKUMAR M	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
42	411518114045	RAMACHANDRAN M	Ramachandran	Ramachandran	Ramachandran	Ramachandran	Ramachandran
43	411518114046	REVANTH KUMAR S	Revanth	Revanth	Revanth	Revanth	Revanth
44	411518114047	ROHIT RAGAV S S	Rohit	Rohit	Rohit	Rohit	Rohit
45	411518114048	SAI SHYAM S	Sai	Sai	Sai	Sai	Sai
46	411518114051	SOUNDER S	Sunder	Sunder	Sunder	Sunder	Sunder
47	411518114052	SUDARMANI V	Sudamani	Sudamani	Sudamani	Sudamani	Sudamani
48	411518114053	SUGAN R	Sugan	Sugan	Sugan	Sugan	Sugan
49	411518114054	SURENDRAN P S	Suren	Suren	Suren	Suren	Suren
50	411518114055	SURYA L	Surya	Surya	Surya	Surya	Surya
51	411518114056	SURYAM	Surya	Surya	Surya	Surya	Surya
52	411518114057	VEERAMANI J	Veeramani	Veeramani	Veeramani	Veeramani	Veeramani
53	411518114058	VIGNESH K	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
54	411518114059	VIGNESHWARAN V	Vigneshwaran	Vigneshwaran	Vigneshwaran	Vigneshwaran	Vigneshwaran
55	411518114301	DINESH S	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
56	411518114302	RAVIKUMAR S	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar
57	411518114303	SUNI KAMALESH K	Sunika	Sunika	Sunika	Sunika	Sunika

THIRD YEAR

1	411519114001	G. AJITH KUMAR	Ajith	Ajith	Ajith	Ajith	Ajith
2	411519114002	A. AKASH	A.Akash	A.Akash	A.Akash	A.Akash	A.Akash
3	411519114003	C ARUN	C.Arun	C.Arun	C.Arun	C.Arun	C.Arun
4	411519114004	M. FAREED	M.Fareed	M.Fareed	M.Fareed	M.Fareed	M.Fareed
5	411519114005	K. GANESH KUMAR	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
6	411519114006	R HARI KRISHNAN	Hari	Hari	Hari	Hari	Hari
7	411519114007	V MITHRAN	V.Mithran	V.Mithran	V.Mithran	V.Mithran	V.Mithran
8	411519114008	M. MOHAMMED RAZOOL	Razool	Razool	Razool	Razool	Razool
9	411519114009	S. MUGUNTHARAJ	Mugunth	Mugunth	Mugunth	Mugunth	Mugunth
10	411519114010	M.T. NAVEEN	M.T.Naveen	M.T.Naveen	M.T.Naveen	M.T.Naveen	M.T.Naveen
11	411519114011	S NEELAGANDAN	S.Neelagan	S.Neelagan	S.Neelagan	S.Neelagan	S.Neelagan
12	411519114012	T PRADEEP RAJ	Pradeep	Pradeep	Pradeep	Pradeep	Pradeep
13	411519114013	A. RAJ	A.Raj	A.Raj	A.Raj	A.Raj	A.Raj
14	411519114015	G SABARI VASAN	Sabari	Sabari	Sabari	Sabari	Sabari
15	411519114016	A SANDEESH KUMAR	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep
16	411519114018	V. SATHISH	V.Sathish	V.Sathish	V.Sathish	V.Sathish	V.Sathish
17	411519114019	K. SATHISH KUMAR	Sathish	Sathish	Sathish	Sathish	Sathish
18	411519114020	S SELVINRAJ	Selvin	Selvin	Selvin	Selvin	Selvin
19	411519114021	V. SIVAKUMAR	V.Sivakumar	V.Sivakumar	V.Sivakumar	V.Sivakumar	V.Sivakumar
20	411519114022	B SURYA NARAYANAN	Surya	Surya	Surya	Surya	Surya
21	411519114023	M THAHA MOHAMED	Thaha	Thaha	Thaha	Thaha	Thaha
22	411519114301	S ABDUL RAJACQ	Abdul	Abdul	Abdul	Abdul	Abdul
23	411519114302	AJAY MATHEW	Ajay	Ajay	Ajay	Ajay	Ajay
24	411519114303	MATHAN	Mathan	Mathan	Mathan	Mathan	Mathan
25	411519114305	S NAGACHARAN	Nagan	Nagan	Nagan	Nagan	Nagan
26	411519114306	P. SARAVANAKUMAR.	Saravan	Saravan	Saravan	Saravan	Saravan
27	411519114307	N. SUNIL.	N.Sunil	N.Sunil	N.Sunil	N.Sunil	N.Sunil
28	411519114308	TAMILARASAN	Tamilarasan	Tamilarasan	Tamilarasan	Tamilarasan	Tamilarasan
29	411519114309	VALLARASU	Vallarasu	Vallarasu	Vallarasu	Vallarasu	Vallarasu
30	411519114310	SHYAM KUMAR	Shyam	Shyam	Shyam	Shyam	Shyam

SECOND YEAR

1	411520114001	ABINESH N R	R. Abis	R. Abis	R. Abis	R. Abis	R. Abis
2	411520114002	DHARANI DHARAN P	Dharani	Dharani	Dharani	Dharani	Dharani
3	411520114003	DHARANI VARAN T	Dharani	Dharani	Dharani	Dharani	Dharani
4	411520114004	GOWTHAM K	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham
5	411520114005	KARTHIK N	Karthik	Karthik	Karthik	Karthik	Karthik
6	411520114006	MOHAMMED KANNI A	Musa	Musa	Musa	Musa	Musa
7	411520114007	NITHYANANDHAM S	Nithya	Nithya	Nithya	Nithya	Nithya
8	411520114008	PUVIRASAN	Puvirasan	Puvirasan	Puvirasan	Puvirasan	Puvirasan
9	411520114009	RAJESH G	G. Raj	G. Raj	G. Raj	G. Raj	G. Raj
10	411520114010	RITHWIK E B	Rithwik	Rithwik	Rithwik	Rithwik	Rithwik
11	411520114011	ROOBAN DHARMARAJ K	Rooban	Rooban	Rooban	Rooban	Rooban
12	411520114012	SANTHOSH KUMAR R	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh
13	411520114013	SARANRAJ S	Saranraj	Saranraj	Saranraj	Saranraj	Saranraj
14	411520114014	SATHISH M	Sathish	Sathish	Sathish	Sathish	Sathish
15	411520114015	SRIDHARAN S	Sridharan	Sridharan	Sridharan	Sridharan	Sridharan
16	411520114016	SUGADEV V	Sugadev	Sugadev	Sugadev	Sugadev	Sugadev
17	411520114017	TAMIL SELVAN C	Tamil	Tamil	Tamil	Tamil	Tamil
18	411520114018	TAMILSELVAN V	Tamil	Tamil	Tamil	Tamil	Tamil
19	411520114301	AJITH S	Ajith	Ajith	Ajith	Ajith	Ajith
20	411520114302	AKILAN G	Akilan	Akilan	Akilan	Akilan	Akilan
21	411520114303	ARINARAYANAN P	Arinarayan	Arinarayan	Arinarayan	Arinarayan	Arinarayan
22	411520114304	ARJUN K	Arjun	Arjun	Arjun	Arjun	Arjun
23	411520114305	BALA ASHWIN D	Bala	Bala	Bala	Bala	Bala
24	411520114306	BALACHANDAR S	Balachand	Balachand	Balachand	Balachand	Balachand
25	411520114307	BALAMURUGAN P	Balamuru	Balamuru	Balamuru	Balamuru	Balamuru
26	411520114308	DEEPAK R	Deepak	Deepak	Deepak	Deepak	Deepak
27	411520114309	GEETHAPRIYAN M G	Geetha	Geetha	Geetha	Geetha	Geetha
28	411520114310	GOKULRAJ R	Gokulraj	Gokulraj	Gokulraj	Gokulraj	Gokulraj
29	411520114311	GOWTHAM P	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham
30	411520114312	JOSHUA A	Joshua	Joshua	Joshua	Joshua	Joshua
31	411520114313	JOSHUA DANIEL M	Joshua	Joshua	Joshua	Joshua	Joshua
32	411520114314	KISHORE B	Kishore	Kishore	Kishore	Kishore	Kishore

33	411520114316	MANIKANDAN S	Man	Man	Man	Man	Man
34	411520114317	MUKESH R	Muksh	Mukh	Muke	Muk	Mukh
35	411520114318	MURALIDHARAN S	Mureh	Muh	Murki	Muh	Mur
36	411520114319	NANDHAKUMAR S	Nandha	Nan	N	N	N
37	411520114320	OM PRAKASH R	OmPrakash	OmPrakash	OmPrakash	OmPrakash	OmPrakash
38	411520114321	PRASANTH M	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth
39	411520114322	PRATHIBAN T	Prath	Prath	Prath	Prath	Prath
40	411520114323	PUGAZHENDHI P	Pugazh	Pugazh	Pugazh	Pugazh	Pugazh
41	411520114325	SAARATHY A	Saara	Saara	Saara	Saara	Saara
42	411520114326	SANJAY D	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
43	411520114327	SARAVANAKUMAR P	Sarav	Sarav	Sarav	Sarav	Sarav
44	411520114328	SARAVANAN D	Sarav	Sarav	Sarav	Sarav	Sarav
45	411520114329	SELVIN GINO S	Selvin	Selvin	Selvin	Selvin	Selvin
46	411520114330	SUBASH E	SubashE	SubashE	SubashE	SubashE	SubashE
47	411520114331	SUBBRAMANIAN S	Sub	Sub	Sub	Sub	Sub
48	411520114333	SURIYA P	Suri	Suri	Suri	Suri	Suri
49	411520114334	SYED ALI F	Sayh	Sayh	Sayh	Sayh	Sayh
50	411520114335	SYED GAYAZ BASHA H	Syed	Syed	Syed	Syed	Syed
51	411520114336	SYED RISWAN BASHA H	Syed	Syed	Syed	Syed	Syed
52	411520114337	VASUDEVAN R	Vasuv	Vasuv	Vasuv	Vasuv	Vasuv
53	411520114338	VETTRIMURUGAN S	Vetri	Vetri	Vetri	Vetri	Vetri
54	411520114341	ANAND JOTHI	Anand	Anand	Anand	Anand	Anand

Sathya
Coordinator

Prasanth

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(82/100)
Suryanthy
Rajesh. G

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2021-2022

Assessment Test

MEA002 REVERSE ENGINEERING AND GD&T APPLICATION

41152011400

1. What is the primary goal of reverse engineering?
 - A) To create new products from scratch
 - B) To understand and replicate existing products
 - C) To reduce manufacturing costs
 - D) To design marketing strategies
2. Which of the following is a common tool used in reverse engineering for creating digital models from physical parts?
 - A) CNC machine
 - B) 3D scanner
 - C) Injection molding machine
 - D) Lathe
3. What is a key legal consideration in reverse engineering?
 - A) Manufacturing efficiency
 - B) Intellectual property rights
 - C) Production speed
 - D) Supply chain management
4. Which of the following software is commonly used for creating 3D models in reverse engineering?
 - A) Microsoft Word
 - B) Adobe Illustrator
 - C) SolidWorks
 - D) QuickBooks
5. In reverse engineering, what is the purpose of a Coordinate Measuring Machine (CMM)?
 - A) To cut and shape materials
 - B) To measure the geometry of physical objects
 - C) To mix raw materials
 - D) To print documents
6. Which of the following is NOT a step in the reverse engineering process?
 - A) Disassembly
 - B) Analysis
 - C) Distribution
 - D) Documentation
7. What does GD&T stand for?
 - A) Geometric Drawing and Tuning
 - B) Geometric Design and Tuning
 - C) Geometric Dimensioning and Tolerancing
 - D) Geometric Drawing and Testing
8. What is the purpose of GD&T in engineering drawings?
 - A) To reduce the cost of materials
 - B) To specify allowable variations in part geometry

- C) To create artistic designs
 - D) To manage project timelines
9. Which symbol in GD&T indicates flatness?
- A) \bigcirc
 - B) \parallel
 - C) \frown
 - D) \square
10. In GD&T, what does the term 'datum' refer to?
- A) A reference point, line, or surface
 - B) A type of measurement tool
 - C) A material property
 - D) A manufacturing process
11. Which GD&T tolerance controls the allowable deviation of a surface from a specified line or plane?
- A) Circularity
 - B) Perpendicularity
 - C) Flatness
 - D) Cylindricity
12. What does the position tolerance in GD&T control?
- A) The form of a feature
 - B) The orientation of a feature
 - C) The location of a feature
 - D) The surface finish of a feature
13. Which GD&T symbol represents perpendicularity?
- A) \emptyset
 - B) \perp
 - C) \sphericalangle
 - D) \approx
14. In reverse engineering, which step involves creating CAD models from measured data?
- A) Disassembly
 - B) Documentation
 - C) Reconstruction
 - D) Analysis
15. What is the primary advantage of using 3D scanning in reverse engineering?
- A) Reduces material costs
 - B) Increases product weight
 - C) Provides accurate digital models quickly
 - D) Enhances color quality
16. What type of tolerance is used in GD&T to control the size of a feature?
- A) Profile tolerance
 - B) Form tolerance
 - C) Size tolerance
 - D) Orientation tolerance
17. Which GD&T tolerance would you use to control the roundness of a cylindrical feature?
- A) Cylindricity

- B) Circularity
 - C) Concentricity
 - D) Symmetry
18. Which of the following is a primary reason for using GD&T in manufacturing?
- A) To increase product color variety
 - B) To ensure part interchangeability
 - C) To reduce the need for prototypes
 - D) To enhance surface texture
19. In reverse engineering, what is the function of a 3D printer?
- A) To measure physical dimensions
 - B) To create physical prototypes from digital models
 - C) To disassemble products
 - D) To document designs
20. Which GD&T symbol is used to indicate total runout?
- A) \textcircled{T}
 - B) \emptyset
 - C) $\textcircled{\ominus}$
 - D) $\textcircled{\text{N}}$
21. What does the term 'tolerance' refer to in GD&T?
- A) The allowable variation in a dimension
 - B) The color of a part
 - C) The speed of production
 - D) The weight of a material
22. In reverse engineering, why is it important to document the disassembly process?
- A) To ensure parts are reassembled correctly
 - B) To reduce the overall weight of the product
 - C) To increase the speed of disassembly
 - D) To improve the color scheme of the product
23. Which GD&T tolerance is used to control the shape of a surface that must remain within two parallel planes?
- A) Flatness
 - B) Circularity
 - C) Cylindricity
 - D) Profile of a surface
24. In reverse engineering, what is the benefit of creating a digital twin of a product?
- A) It reduces the manufacturing cost
 - B) It allows for detailed analysis and optimization
 - C) It simplifies the color selection process
 - D) It increases the physical size of the product
25. Which GD&T concept ensures that a feature is consistently spaced from a datum point or axis?
- A) Concentricity
 - B) Symmetry
 - C) Position
 - D) Parallelism

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2021-2022

Assessment Test

MEA002 REVERSE ENGINEERING AND GD&T APPLICATION

1. What is the primary goal of reverse engineering?
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 - B) To understand and replicate existing products
 - C) To reduce manufacturing costs
 - D) To design marketing strategies
2. Which of the following is a common tool used in reverse engineering for creating digital models from physical parts?
 - A) CNC machine
 - B) 3D scanner
 - C) Injection molding machine
 - D) Lathe
3. What is a key legal consideration in reverse engineering?
 - A) Manufacturing efficiency
 - B) Intellectual property rights
 - C) Production speed
 - D) Supply chain management
4. Which of the following software is commonly used for creating 3D models in reverse engineering?
 - A) Microsoft Word
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5. In reverse engineering, what is the purpose of a Coordinate Measuring Machine (CMM)?
 - A) To cut and shape materials
 - B) To measure the geometry of physical objects
 - C) To mix raw materials
 - D) To print documents
6. Which of the following is NOT a step in the reverse engineering process?
 - A) Disassembly
 - B) Analysis
 - C) Distribution
 - D) Documentation
7. What does GD&T stand for?
 - A) Geometric Drawing and Tuning
 - B) Geometric Design and Tuning
 - C) Geometric Dimensioning and Tolerancing
 - D) Geometric Drawing and Testing
8. What is the purpose of GD&T in engineering drawings?
 - A) To reduce the cost of materials
 - B) To specify allowable variations in part geometry

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A.R.A.
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- C) To create artistic designs
 - D) To manage project timelines
9. Which symbol in GD&T indicates flatness?
- A) \bigcirc
 - B) \parallel
 - C) \frown
 - D) \square
10. In GD&T, what does the term 'datum' refer to?
- A) A reference point, line, or surface
 - B) A type of measurement tool
 - C) A material property
 - D) A manufacturing process
11. Which GD&T tolerance controls the allowable deviation of a surface from a specified line or plane?
- A) Circularity
 - B) Perpendicularity
 - C) Flatness
 - D) Cylindricity
12. What does the position tolerance in GD&T control?
- A) The form of a feature
 - B) The orientation of a feature
 - C) The location of a feature
 - D) The surface finish of a feature
13. Which GD&T symbol represents perpendicularity?
- A) \emptyset
 - B) \perp
 - C) \angle
 - D) \approx
14. In reverse engineering, which step involves creating CAD models from measured data?
- A) Disassembly
 - B) Documentation
 - C) Reconstruction
 - D) Analysis
15. What is the primary advantage of using 3D scanning in reverse engineering?
- A) Reduces material costs
 - B) Increases product weight
 - C) Provides accurate digital models quickly
 - D) Enhances color quality
16. What type of tolerance is used in GD&T to control the size of a feature?
- A) Profile tolerance
 - B) Form tolerance
 - C) Size tolerance
 - D) Orientation tolerance
17. Which GD&T tolerance would you use to control the roundness of a cylindrical feature?
- A) Cylindricity

- B) Circularity
 - C) Concentricity
 - D) Symmetry
18. Which of the following is a primary reason for using GD&T in manufacturing?
- A) To increase product color variety
 - B) To ensure part interchangeability
 - C) To reduce the need for prototypes
 - D) To enhance surface texture
19. In reverse engineering, what is the function of a 3D printer?
- A) To measure physical dimensions
 - B) To create physical prototypes from digital models
 - C) To disassemble products
 - D) To document designs
20. Which GD&T symbol is used to indicate total runout?
- A) \textcircled{T}
 - B) \emptyset
 - C) $\textcircled{\ominus}$
 - D) $\textcircled{\diagdown}$
21. What does the term 'tolerance' refer to in GD&T?
- A) The allowable variation in a dimension
 - B) The color of a part
 - C) The speed of production
 - D) The weight of a material
22. In reverse engineering, why is it important to document the disassembly process?
- A) To ensure parts are reassembled correctly
 - B) To reduce the overall weight of the product
 - C) To increase the speed of disassembly
 - D) To improve the color scheme of the product
23. Which GD&T tolerance is used to control the shape of a surface that must remain within two parallel planes?
- A) Flatness
 - B) Circularity
 - C) Cylindricity
 - D) Profile of a surface
24. In reverse engineering, what is the benefit of creating a digital twin of a product?
- A) It reduces the manufacturing cost
 - B) It allows for detailed analysis and optimization
 - C) It simplifies the color selection process
 - D) It increases the physical size of the product
25. Which GD&T concept ensures that a feature is consistently spaced from a datum point or axis?
- A) Concentricity
 - B) Symmetry
 - C) Position
 - D) Parallelism

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR 2021-2022

Assessment Test

78
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Srinivasa

R. Hari Krishnan

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MEA002 REVERSE ENGINEERING AND GD&T APPLICATION

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PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
FEEDBACK FORM

ACADEMIC YEAR 2021-2022

Name of the Student: *Rajesh. G*

Register No: *411520114009*

Year: *VI*

Date of Feedback: *07.05.22*

Course Name:

1. How do you value the course content?

The value is of course is important

2. How would you understand the content delivery by the instructor?

The delivery by the instructor is understood

3. Write the overall quality of the program

The overall quality is very useful program

4. Will you recommend this program to your friends/juniors/seniors?

Senior

Suggestions to improve, if any: *not applicable.*

Cr. R

Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
FEEDBACK FORM

ACADEMIC YEAR 2021-2022

Name of the Student: *A. Raj*

Register No: *411519114015*

Year: *III*

Date of Feedback: *07.05.22*

Course Name: *ME A002*

1. How do you value the course content?

It is very valuable

2. How would you understand the content delivery by the instructor?

They were talk well

3. Write the overall quality of the program

It is nice

4. Will you recommend this program to your friends/juniors/seniors?

friends

Suggestions to improve, if any: *will*

A. Raj
Signature of the Student

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
FEEDBACK FORM

ACADEMIC YEAR 2021-2022

Name of the Student: *R. Hari Krishnan*

Register No: *G 11510114006*

Year: *III*

Date of Feedback: *07.05.22*

Course Name:

1. How do you value the course content?

It is very much interesting

2. How would you understand the content delivery by the instructor?

It will be understood

3. Write the overall quality of the program

It is good

4. Will you recommend this program to your friends/juniors/seniors?

Juniors

Suggestions to improve, if any: *will*

Hari
Signature of the Student

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DEPARTMENT OF MECHANICAL ENGINEERING

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ADD ON COURSE IN

"REVERSE ENGINEERING AND GD&T APPLICATION"

CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms. RAJESH . G

of II Year, Mechanical Engineering, PERI Institute of Technology has completed an add on course in **REVERSE ENGINEERING AND GD&T APPLICATION** held from 19.03.2022 to 07.05.2022.



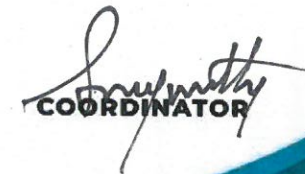
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ADD ON COURSE IN
"REVERSE ENGINEERING AND GD&T APPLICATION"

CERTIFICATE
OF PARTICIPATION

This is to certify that Mr / Ms. HARI KRISHNAN . R
of III Year, Mechanical Engineering, PERI Institute of Technology has completed an add on
course in **REVERSE ENGINEERING AND GD&T APPLICATION** held from 19.03.2022 to 07.05.2022.



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