DEPARTMENT OF AERONAUTICAL ENGINEERING

VALUE ADDED COURSE- DESIGN AND DRAFTING USING SOLID WORKS

STUDENTS NAME LIST

Year / Branch : II / Aeronautical Engineering

Batch : 2022-2026

Academic Year /Sem : 2023-2024/03

Name of the Program : **Design And Drafting Using Solid Works**

S. No.	Reg. No.	Name of the student
1.	720722101001	ABHILASH S
2.	720722101002	ABHIRAM S
3.	720722101003	ABISHEK SAM N
4.	720722101004	AHIM S A
5.	720722101005	AMIRTHA GANESHAN K
6.	720722101006	ANBU MAHADEVAN B
7.	720722101007	ANGELIN PERSANI M
8.	720722101008	ANISH BAGULEYAN M
9.	720722101009	ANTONY PACKIA ROSHAN I
10.	720722101010	ARON GEEVARGHESE K G
11.	720722101011	ARUNKUMAR P
12.	720722101012	BALACHANDIRAN K
13.	720722101013	BALA KRISHNAN M
14.	720722101014	BENADIC RICHARD A
15.	720722101015	DEEPAKMURTHY S
16.	720722101016	DEEPIKA C P
17.	720722101017	DHARANISH C
18.	720722101018	DHARSHA B
19.	720722101019	DINESH K
20.	720722101020	FARHAN MOHAMMED P
21.	720722101021	HARIPRASATH T
22.	720722101022	HARIHARAN V
23.	720722101023	HARIHARAN V I
24.	720722101024	HARIKESH T
25.	720722101025	HARISHREE S
26.	720722101026	JEYASUDHAN V A R
27.	720722101027	JOEL H
28.	720722101028	KIRUBALAN S
29.	720722101029	KISHOTHRAJ S
30.	720722101030	KOWSICK M

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S. No.	Reg. No.	Name of the student
31.	720722101031	LOKESH M
32.	720722101032	LOKESHWARI S
33.	720722101033	MADHUMITHA J
34.	720722101034	MALAR VENI M
35.	720722101035	MANUSH NANDHAN M
36.	720722101036	MEIVARMA J P
37.	720722101037	NIKESH KRUTHIK S
38.	720722101038	NITHYA L
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44.	720722101044	PREM SHANTHAN K
45.	720722101045	PRIYA MAHADEV SHINDE
46.	720722101046	RAGURAMRAJ S
47.	720722101047	RAJAPANDI PL
48.	720722101048	RAMPRAKASH B
49.	720722101049	RIYAZ PRABU M
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54.	720722101054	SANKARA MUKESH S
55.	720722101055	SARAN M S
56.	720722101056	SARAN R
57.	720722101057	SAROON JOSE O S
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59.	720722101059	SIVABALAN S
60.	720722101060	SIVARAM Y
61.	720722101061	THANUSHMATHI R
62.	720722101062	VISHALI P
63.	720722101801	KARTHIKEYAN A

Faculty Incharge

Engineering * Department of Aeronautical HICET

HoD/AERO

DEPARTMENT OF AERONAUTICAL ENGINEERING

VALUE ADDED COURSE- DESIGN AND DRAFTING USING SOLID WORKS

SYLLABUS

SEMESTER :III (ODD) **DURATION :42 HRS**

Course Code	Name of the Course	Course Duration
21VAAE01	Design and drafting using solid works	42

Course Objective

- The course aims to give students and professionals the essentials that is needed to become a known SOLIDWORKS associate.
- It will help individuals use the software with confidence and design/draft the next innovative thing.
- Skill to Build, control, and analyze assemblies for fit and function.
- Able to compete the industrial standards with known subject knowledge.

Sl. No.	Module	Details of Module	No. of Hours
1.	Introduction to Solid Works	➢ SolidWorks Graphical User Interface ➢ Feature manager design tree, Callouts, Handles ➢ Confirmation corner, mouse buttons, keyboard shortcuts, Command Manager, ➢ Hardware and Software requirements, ➢ SolidWorks Task Scheduler	5
2.	SKETCHER	➢ Sketch Entities, Sketch Tools ➢ Blocks – Make block, Edit block, Insert block, Add/Remove Entities, Rebuild, Save, Explode ➢ Relations - Adding Sketch Relation, Automatic relations, ➢ Dimensioning - Smart, Horizontal, Vertical, Ordinate, Horizontal ordinate, Vertical ordinate, Align ordinate, fully define sketch. ➢ Sketch Diagnosis, Sketch Expert , 3D Sketching, Rapid Sketch	6
3.	PART MODELING	➢ Part Modeling Tools ➢ Creating reference planes ➢ Creating Extrude features, Revolve features	6

Sl. No.	Module	Details of Module	No. of Hours
		➢ Creating Swept features, Loft features ➢ Creating curves, Fillet features, Hole types ➢ Creating Chamfer, Shell, Rib, Pattern ➢ Advanced Modeling Tools ➢ Inserting Fastening features	
4.	ASSEMBLY	➢ Assembly Modeling Tools ➢ Introduction to Assembly, Modeling & Approaches ➢ Applying Standard Mates, Applying Smart mates ➢ Applying Mate reference ➢ Manipulating Components ➢ Creating Pattern, Explode Views ➢ Top Down Design	6
5.	SURFACE MODELING	➢ Creating Extrude, Revolve, Swept, loft, Boundary surface. ➢ Inserting Planar Surface, Offset Surface, Radiate Surface.	2
6.	DRAFTING	➢ Generating Drawing Views ➢ Introduction To Angle Of Projection ➢ Generating Views ➢ Creating Dimensions ➢ Inserting Annotations	3
7.	SHEET METAL	➢ Sheet Metal Design ➢ Working with import data	2
8.	WELDMENT DESIGN & MOLD DESIGN	➢ Introduction to Weldment, 3D sketch ➢ Introduction of Mold, type of mold design, how to used draft analysis ➢ Introduction to CAE/CDM	3
9.	GD & T	➢ Features and Rules of GD&T ➢ Datum's Control ➢ Adding GD&T to a Drawing/Design ➢ Form Tolerances, Orientation Tolerances, Profile Tolerances ➢ Location Tolerances, Runout Tolerances	4
10.	PRODUCT DATA MANAGEMENT	➢ Introduction to PDM, LAN, WAN, Server, client, user, administrator ➢ Creating new project, Check In/Check Out of a new document, viewing the configurations. ➢ Archive/Restore a document, Delete/Rollback a document	3

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Sl. No.	Module	Details of Module	No. of Hours
11.	DATA MIGRATION	➢ Build and analyze for fit and function Discussion ➢ Detailing	2

TOTAL: 42 HRS

Course Outcome: The student will be able to

1. Demonstrate competency with multiple drawing and modification commands in SolidWorks.
2. Create three-dimensional assemblies incorporating multiple solid models.
3. Apply industry standards in the preparation of technical mechanical drawings.
4. SolidWorks has advanced skills and the students can chose carrier in many sectors dealing with product design, validation, manufacturing, etc.

BOS CHAIRMAN

Chairman - BoS
AERO - HiCET

DEAN

Dean (Academics)
HiCET

PRINCIPAL

PRINCIPAL
Hindusthan College Of Engineering & Technology
COIMBATORE - 641 032.

DEPARTMENT OF AERONAUTICAL ENGINEERING

VALUE ADDED COURSE- DESIGN AND DRAFTING USING SOLID WORKS

LESSON PLAN

SEMESTER: III (ODD) **DURATION: 42 HRS**

Course Objective

- The course aims to give students and professionals the essentials that is needed to become a known SOLIDWORKS associate.
- It will help individuals use the software with confidence and design/draft the next innovative thing.
- Skill to Build, control, and analyze assemblies for fit and function.
- Able to compete the industrial standards with known subject knowledge.

Sl. No.	Details of Module	Hours	Resource Person
1.	Introduction to Solid Works ➢ SolidWorks Graphical User Interface ➢ Feature manager design tree, Callouts, Handles ➢ Confirmation corner, mouse buttons, keyboard shortcuts, Command Manager, ➢ Hardware and Software requirements, ➢ SolidWorks Task Scheduler	5	Mr. M. Magesh Kumar Assistant Professor Aeronautical Engg.
2.	SKETCHER ➢ Sketch Entities, Sketch Tools ➢ Blocks – Make block, Edit block, Insert block, Add/Remove Entities, Rebuild, Save, Explode ➢ Relations - Adding Sketch Relation, Automatic relations, ➢ Dimensioning - Smart, Horizontal, Vertical, Ordinate, Horizontal ordinate, Vertical ordinate, Align ordinate, fully define sketch. ➢ Sketch Diagnosis, Sketch Expert , 3D Sketching, Rapid Sketch	6	Mr. Arun Raja K K Assistant Professor Aeronautical Engg.
3.	PART MODELING ➢ Part Modeling Tools ➢ Creating reference planes ➢ Creating Extrude features, Revolve features ➢ Creating Swept features, Loft features ➢ Creating curves, Fillet features, Hole types ➢ Creating Chamfer, Shell, Rib, Pattern ➢ Advanced Modeling Tools ➢ Inserting Fastening features	6	Mr. Ramkumar M Design Engineer Teslead Equipments Private Limited.

Department of Aeronautical Engineering HICET

Sl. No.	Details of Module	Hours	Resource Person
4.	ASSEMBLY ➢ Assembly Modeling Tools ➢ Introduction to Assembly, Modeling & Approaches ➢ Applying Standard Mates, Applying Smart mates ➢ Applying Mate reference ➢ Manipulating Components ➢ Creating Pattern, Explode Views ➢ Top Down Design	6	Mr. Sri Hari M Design Engineer Ramco Systems
5.	SURFACE MODELING ➢ Creating Extrude, Revolve, Swept, loft, Boundary surface. ➢ Inserting Planar Surface, Offset Surface, Radiate Surface.	2	Mr. K. Manoj Kumar Assistant Professor Aeronautical Engg.
6.	DRAFTING ➢ Generating Drawing Views ➢ Introduction To Angle Of Projection ➢ Generating Views ➢ Creating Dimensions ➢ Inserting Annotations	3	Mr. Anand B Senior Design Engineer, Tata Consultancy Services, Madurai
7.	SHEET METAL ➢ Sheet Metal Design ➢ Working with import data	2	
8.	WELDMENT DESIGN & MOLD DESIGN ➢ Introduction to Weldment, 3D sketch ➢ Introduction of Mold, type of mold design, how to used draft analysis ➢ Introduction to CAE/CDM	3	
9.	GD & T ➢ Features and Rules of GD&T, Datum's Control ➢ Adding GD&T to a Drawing/Design ➢ Form Tolerances, Orientation Tolerances, Profile Tolerances ➢ Location Tolerances, Runout Tolerances	4	Mr. K. Kathirvel Assistant Professor Aeronautical Engg.
10.	PRODUCT DATA MANAGEMENT ➢ Introduction to PDM, LAN, WAN, Server, client, user, administrator ➢ Creating new project, Check In/Check Out of a new document, viewing the configurations. ➢ Archive/Restore a document, Delete/Rollback a document	3	Mr. N. Sarath Chander Director, EDS Technologies
11.	DATA MIGRATION ➢ Build and analyze for fit and function Discussion ➢ Detailing	2	

TOTAL: 42 HRS

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Course Outcome: The student will be able to

1. Demonstrate competency with multiple drawing and modification commands in SolidWorks.
2. Create three-dimensional assemblies incorporating multiple solid models.
3. Apply industry standards in the preparation of technical mechanical drawings.
4. SOLIDWORKS has advanced skills and the students can chose carrier in many sectors dealing with product design, validation, manufacturing, etc.

Faculty In-charge

HOD/AERO

Chairman - BoS
AERO - HiCET

DEAN

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DEPARTMENT OF AERONAUTICAL ENGINEERING

VALUE ADDED COURSE- DESIGN AND DRAFTING USING SOLID WORKS

STUDENT FEED BACK FORM

Academic Year 2023-2024 Date:03.02.24

Name and code number of the value added course offered: 21VAAE01

Semester: ODD Period of Batch: 2022-2026

Staff coordinator:Saravanan.R

Student feedback

Dear student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development		✓			
3	Motivation	✓				
4	Regularity and punctuality of teacher		✓			
5	Coverage of syllabus	✓				
6	Interaction		✓			
7	Individual attention			✓		
8	Outcome	✓				
9	Other suggestions			✓		

S. Suri

Student signature **Staff Coordinator** **Dean/Academics**

Dean (Academics)
HiCET

Hindustha College of Engineering and Tec nology

An Autonomous Institution, Approved by AICTE, New Delhi Affiliated to Anna University Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH, MECHATRONICS) Accredited by NAAC with 'A++' Grade | An ISO Certified Institution

Valley Campus, Pollachi Highway, Coimbatore 641032.

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DEPARTMENT OF AERONAUTICAL ENGINEERING

VALUE ADDED COURSE PROGRAMME

ATTENDANCE SHEET

Class: II Aero **Batch: 2022-2026**

S. No.	Reg. No.	Name of the Student	29.01.2024		30.01.2024		31.01.2024		01.02.2024		02.02.2024		03.02.2024	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	720722101001	ABHILASH S												
2.	720722101002	ABHIRAM S												
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19.	720722101019	DINESH K												

Head of Aeronautical Engineering HICET

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Valley Campus, Pollachi Highway, Coimbatore 641032.

HICET

20.	720722101020	FARHAN MOHAMMED P												
21.	720722101021	HARIPRASATH T												
22.	720722101022	HARIHARAN V												
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Valley Campus, Pollachi Highway, Coimbatore 641032.

45.	720722101045	PRIYA MAHADEV SHINDE													
46.	720722101046	RAGURAMRAJ S													
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63.	720722101801	KARTHIKEYAN A													

FACULTY IN-CHARGE

Department of Aeronautical Engineering HICET

HOD/AERO

Associate Professor & Head
Department of Aeronautical Engineering
Hindusthan College of Engineering & Technology
Coimbatore-641032

III Yr AGR

Hindusthan College of Engineering and Technology
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Coimbatore- 641032

VALUE ADDED COURSE ON

21VAAG03- TRAINING ON MOBILE APP AND WEB DEVELOPMENT FOR MONITORING AGRICULTURAL PRACTICES

COURSE COORDINATOR

Mrs.Kalaiselvi M
Assistant Professor
Department of Agricultural Engineering, HICET

DEPARTMENT OF AGRICULTURAL ENGINEERING

PRACTICAL BASED VALUE ADDED COURSE

SUBMITTED TO THE PRINCIPAL THROUGH DEAN ACADEMICS

DURATION (FROM 26.12.2023 TO 03.01.2024)

Programme	Course Code	Name of the Course
B.E	21VAAGO3	TRAINING ON MOBILE APP AND WEB DEVELOPMENT FOR MONITORING AGRICULTURAL PRACTICES.

Course Objective

1. To make the student understand the basic concepts of mobile application development, be aware of Characteristics of mobile applications, User-interface design, basics of graphics and multimedia in agriculture
2. To gain knowledge about testing and publishing of Android application in agricultural domain.

Contents

1. Introduction **12 Hours**

a. Introduction to Mobile Computing.

b. Android Development Environment.

c. Mobile Software Engineering.

d. Frameworks and Tools.

e. Generic UI Development.

f. Android User

2. Intents and Services **07 Hours**

a. Android Intents and Services for agriculture.

b. Characteristics of Mobile Applications in agriculture domain.

c. Successful Mobile app development for smart agriculture

3. Storing and Retrieving Data **07 Hours**

a. Synchronization and Replication of Mobile Data

b. Getting the Model Right.

c. Android Storing and Retrieving agriculture Data

d. Working with a Content Provider

4. Communications Via Network and the Web **08 Hours**

a. State Machine

b. Correct Communications Model.

c. Android agricultural Networking and Web

Total Hours: 34 Hours

Course Outcome

CO1: To explain the basics of mobile application development for agriculture

CO2: Develop Android application with User interface, networking and animation in agriculture domain.

CO3: Use simulator tools to test and publish the application.

TEXT BOOKS

T1 Jerome DiMarzio, "Beginning Android Programming with Android Studio", 4th Edition

REFERENCE BOOKS:

R1 Dawn Griffiths, David Griffiths, "Head First Android Development: A Brain-Friendly Guide", 2017.

R2 Neil Smyth , "Android Studio 3.0 Development Essentials: Android", 8th Edition.

R3 Pradeep Kothari, "Android Application Development (With Kitkat Support)", Black Book 2014.

WEB REFERENCES:

1. https://developer.android.com/guide
2. https://en.wikipedia.org/wiki/Android_10
3. http://ai2.appinventor.mit.edu
4. https://en.wikipedia.org/wiki/Mobile_app_development

Chairman BoS
Chairman - BoS

Dean-Academics
Dean (Academics)
HiCET

Principal

DELIVERY PLAN

Timing: 9.30 AM to 12.30 PM & 1.30 PM to 4.30 PM

S.No.	Title of the Content	Date	No. of Hours	Name of the Faculty
1	Introduction to Mobile Computing	26/12/2023	2	**Mrs.Kalaiselvi M** Assistant Professor, Agricultural Engineering
2	Android Development Environment	26/12/2023	2	**Mrs.Kalaiselvi M** Assistant Professor, Agricultural Engineering
3	Mobile Software Engineering	27/12/2023	2	**Mr.Seerangurayar T** Assistant Professor, Agricultural Engineering
4	Frameworks and Tools	27/12/2023	2	**Mr.Seerangurayar T** Assistant Professor, Agricultural Engineering
5	Generic UI Development	28/12/2023	2	**Dr. Dhayalan V** Assistant Professor, Agricultural Engineering
6	Android User	28/12/2023	2	**Dr. Dhayalan V** Assistant Professor, Agricultural Engineeri
7	Android Intents and Services for agriculture	29/12/2023	2	**Ms.Sowmiya V** Assistant Professor, Agricultural Engineering
8	Characteristics of Mobile Applications in agriculture domain	29/12/2023	2	**Ms.Sowmiya V** Assi..ant Professor, Agricultural Engineering
9	Successful Mobile app development for smart agriculture	30/12/2023	3	**Mrs.Kalaiselvi M** Assistant Professor, Agricultural Engineering

10	Synchronization and Replication of Mobile Data	30/12/2023	2	**Mrs.Kalaiselvi M** Assistant Professor, Agricultural Engineering
11	Getting the Model Right	02/01/2024	2	**Mr.Seerangurayar T** Assistant Professor, Agricultural Engineering
12	Android Storing and Retrieving agriculture Data	02/01/2024	2	**Mr.Seerangurayar T** Assistant Professor, Agricultural Engineering
13	Working with a Content Provider	03/01/2024	1	**Dr. Dhayalan V** Assistant Professor, Agricultural Engineering
14	State Machine	03/01/2024	3	**Dr. Dhayalan V** Assistant Professor, Agricultural Engineering
15	Correct Communications Model	03/01/2024	3	**Ms.Sowmiya V** Assistant Professor, Agricultural Engineering
16	Android agricultural Networking and Web	03/01/2024	2	**Ms.Sowmiya V** Assistant Professor, Agricultural Engineering
Total Hours of the Programme			**34**	

Coordinator HOD DEAN–ACADEMICS PRINCIPAL

HEAD OF THE DEPARTMENT
Department of Agriculture Engineering
Hindusthan College of Engg. & Tech.
Coimbatore - 32.

Dean (Academics)
HiCET

II Yr. AGRI

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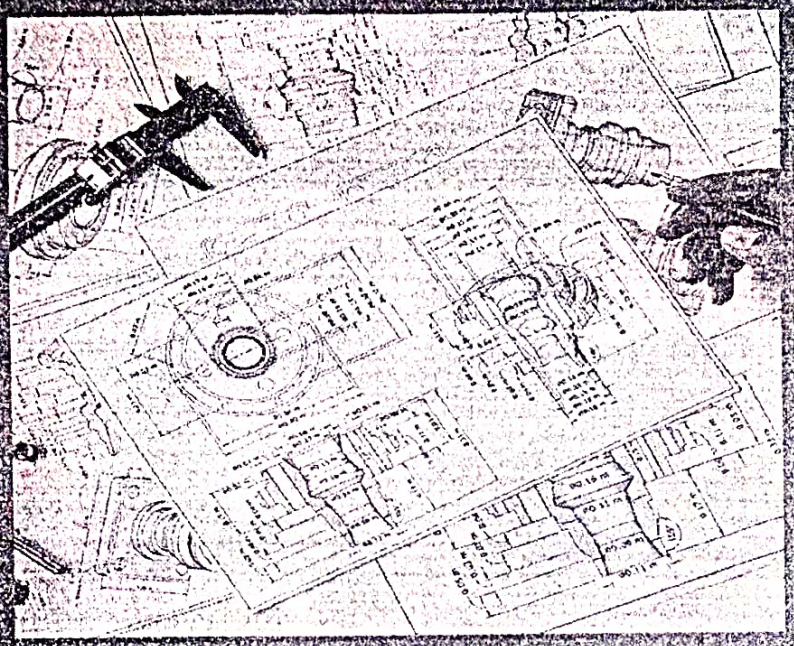
Coimbatore- 641032



VALUE ADDED COURSE ON

22VAAG01 - PRINCIPLES OF MACHINE DRAWING

COURSE COORDINATOR

Dr. Rajaravi C
Associate Professor
Department of Agricultural Engineering, HICET

DEPARTMENT OF AGRICULTURAL ENGINEERING
PROPOSAL FOR VALUE ADDED COURSE
SUBMITTED TO THE PRINCIPAL THROUGH DEAN ACADEMICS
DURATION (FROM 26.12.2023 TO 03.01.2024)

Programme	Course Code	Name of the Course
B.Tech.	22VAAG01	PRINCIPLES OF MACHINE DRAWING

Course Objective

1. To familiarize the students with the standard conventions for different materials and machine parts in working drawings
2. To make part drawings including sectional views for various machine elements.
3. To prepare assembly drawings, given the 'etails of part drawings.

Contents

1. Machine Drawing Conventions — 12 Hours

a. Conventional representation of materials, common machine elements such as screws, nuts, bolts, keys, gears, webs, ribs.

b. Types of sections – selection of section planes and drawing of sections and auxiliary sectional views. Parts not usually sectioned.

c. Methods of dimensioning, general rules for sizes and placement of dimensions for holes, centers, curved and tapered features.

d. Title boxes, their size, location and details - common abbre··iations & their liberal usage.

e. Types of Drawings – working drawings for machine parts.

2. Drawing of Machine Elements and simple parts — 11 Hours

a. Popular forms of Screw threads, bolts, nuts, stud bolts, tap bolts, set screws.

b. Keys, cottered joints and Knuckle joint.

c. Riveted joints for plates

d. Shaft coupling, spigot and socket pipe joint

e. Journal, pivot, collar and foot step bearings

3. Assembly Drawings **11 Hours**

a. Steam Engine parts – Stuffing boxes, Cross heads, Eccentrics

b. Machine tool parts – Tailstock, Tool Post, Machine Vices.

c. Other machine parts – Screws jacks, Petrol engine connecting rod, Plummer block

d. Simple designs of steam stop valve, spring loaded safety valve, feed check valve and Air cock

Total Hours: 34 Hours

Course Outcome

CO1: Prepare engineering and working drawings with dimensions following proper conventions

CO2: Develop assembly drawings using part drawings of machine components with dimensions and bill of material during design and development.

CO3: Students can able to design and draw assembles of machinery parts.

TEXT BOOKS

T1 K L Narayana, P Kannaiah and K Venkata Reddy, Machine Drawing, 3rd edition, New Age Publications, 2006.

T2 N D Bhatt, Engineering Drawing, Charotar Publications, 2000

REFERENCE BOOKS:

R1 N Sidheswar, P Kannaiah and V V S Sastry, Machine Drawing, Tata McGraw Hill, 1980.

R2 K C John, Textbook of Machine Drawing, PHI Publications, 2009.

R3 P S Gill, A Textbook of Machine Drawing, S.K. Kataria & Sons Publishers, 2013

R4 Ajeet Singh, Machine Drawing, Tata McGraw Hill, 2012.

Chairman BoS | Dean-Academics | Principal

Chairman BoS
AGRI - HiCET

Dean (Academics)
HiCET

DELIVERY PLAN

Timing: 9.30 AM to 12.30 PM & 1.30 PM to 4.30 PM

S.No.	Title of the Content	Date	No. of Hours	Name of the Faculty
1	Conventional representation of materials, common machine elements such as screws, nuts, bolts, keys, gears, webs, ribs	26/12/2023	2	**Dr.Rajaravi C** Associate Professor, Agricultural Engineering
2	Types of sections – selection of section planes and drawing of sections and auxiliary sectional views. Parts not usually sectioned	26/12/2023	2	**Dr.Rajaravi C** Associate Professor, Agricultural Engineering
3	Methods of dimensioning, general rules for sizes and placement of dimensions for holes, centers, curved and tapered features	27/12/2023	2	**Dr Sridhar N** Associate Professor & Head Agricultural Engineering
4	Title boxes, their size, location and details - common abbreviations & their liberal usage	27/12/2023	3	**Dr Sridhar N** Associate Professor & Head Agricultural Engineering
5	Types of Drawings – working drawings for machine parts	28/12/2023	3	**Dr. Dinesh Kumar S** Assistant Professor, Agricultural Engineering
6	Popular forms of Screw threads, bolts, nuts, stud bolts, tap bolts, set screws	28/12/2023	2	**Dr. Dinesh Kumar S** Assistant Professor, Agricultural Engineering
7	Keys, cottered joints and Knuckle joint	29/12/2023	2	**Dr.Rajaravi C** Associate Professor, Agricultural Engineering
8	Riveted joints for plates	29/12/2023	2	**Dr.Rajaravi C** Associate Professor, Agricultural Engineering

9	Shaft coupling, spigot and socket pipe joint	30/12/2023	2	**Dr Sridhar N** Associate Professor & Head, Agricultural Engineering
10	Journal, pivot, collar and foot step bearings	30/12/2023	3	**Dr Sridhar N** Associate Professor & Head, Agricultural Engineering
11	Steam Engine parts – Stuffing boxes, Cross heads, Eccentrics	02/01/2024	3	**Dr. Dinesh Kumar S** Assistant Professor, Agricultural Engineering
12	Machine tool parts – Tailstock, Tool Post, Machine Vices	02/01/2024	3	**Dr. Dinesh Kumar S** Assistant Professor, Agricultural Engineering
13	Other machine parts – Screws jacks, Petrol engine connecting rod, Plummer block	03/01/2024	3	**Dr.Rajaravi C** Associate Professor, Agricultural Engineering
14	Simple designs of steam stop valve, spring loaded safety valve, feed check valve and Air cock	03/01/2024	2	**Dr.Rajaravi C** Associate Professor, Agricultural Engineering
Total Hours of the Programme			**34**	

Coordinator

HOD

DEAN–ACADEMICS

Dean (Academics)
HiCET

PRINCIPAL

HEAD OF THE DEPARTMENT
Department of Agriculture Engineering
Hindusthan College of Engg. & Tech.
Coimbatore - 32.

NUMBER OF STUDENTS ENROLLED FOR VALUE ADDED COURSE

S.NO	COURSE CODE	Batch	NAME OF THE VALUE ADDED COURSE	NUMBER OF STUDENTS ENROLLED
1	22AGVA01	2022-2026	Training on Design of Agricultural System (Solar, Food instrument and Hydrophonics)	52
2	21AGVA03	2021-2025	Geospatial Technology for Climate smart Agriculture	57
3	22AGVA02	2022-2026	Principles of Machine Drawing	52
4	21AGVA04	2021-2025	Training on Mobile App and Web Development for Monitoring Agricultural Practices	57

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Valley Campus, Coimbatore – 641 032, Tamil Nadu, INDIA
Tel +91 422 4242424 www.hicet.ac.in

DEPARTMENT OF BIOMEDICAL ENGINEERING

Value added courses- INDEX

ACADEMIC YEAR: 2023-2024

Academic Year	Batch	Semester	Course	In association with	Date	No.of students attended
2023-2024	2022-2026	III	Python programming for biomedical applications	Internal Mode	21.12.2020 to 05.02.2024 to 10.02.2024	62
2023-2024	2021-2025	V	Labview GUI Programming with Real-time Application	Internal Mode	08.01.2024 to 12.01.2024	48
2023-2024	2021-2025	VI	Embedded Systems For Medical Applications	Internal Mode	24.06.2024 to 28.06.2024	48

Programme	Name of the Course
BE	Python Programming for Biomedical Application

Course Objective	1. Understand the most important libraries of Python, and its recommended programming styles and idioms.		
	2. Learn core Python scripting elements such as variables and flow control structures.		
	3. Develop applications using Python for Biomedical Application		
Unit	**Description**		**Instructional Hours**
I	**INTRODUCTION TO PYTHON, DATA TYPES, EXPRESSIONS** Introduction to Python Programming - Running Code in the Interactive Shell - Data Types, String Literals, Escape Sequences, String Concatenation, Variables and the Assignment Statement - Numeric Data Types Module, The Main Module, Program Format and Structure and Running a Script from a Terminal Command Prompt		6
II	**LOOPS AND EXPRESSIONS** Iteration - for loop - Selection - Boolean Type, Comparisons, and Boolean Expressions, if-else Statements, One-Way Selection Statements, Multi-way if Statements, Logical Operators and Compound Boolean Expressions- Conditional Iteration - while loop		6
III	**LISTS AND DICTIONARIES** Creating Lists, Basic List Operations, Indexing and Slicing in Lists, Built-In Functions Used on Lists, List Methods, The del Statement - Creating Dictionary, Accessing and Modifying key, value Pairs in Dictionaries, Built-In Functions used on Dictionaries, Dictionary Methods.		6
IV	**TUPLES AND SETS** Creating Tuples, Basic Tuple Operations, Indexing and Slicing in Tuples, Built-In Functions Used on Tuples, Relation between Tuples and Lists, Relation between Tuples and Dictionaries, Tuple Methods, Using zip () Function, Sets, Set Methods, Traversing of Sets, Frozenset		6
V	**CASE STUDIES IN BIOMEDICAL ENGINEERING** NumPy and Pandas with Python, Graphing with Matplotlib pyplot: Line Graphs, Scatter Graph, Pie Charts, Bar Charts, Figures and Subplot, 3D Graphs Case Study: Bio-Signal Plotting using Matplotlib/Pandas Library, Medical Imaging, Speech Recognition, Genomics, Drug Discovery, Patient Health Monitoring, Predictive Analytics in Healthcare.		6
		Total Instructional Hours	**30**
Course Outcome	CO1	Understand the fundamental of Python syntax and be fluent in the use of Python control flow statements.	
	CO2	Learn methods to create and manipulate Python programs by utilizing the data structures like dictionaries, tuples and sets.	
	CO3	Understand the Pandas and Numpy library for data science operation and plotting various Bio signal using Matplotlib.	

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DEPARTMENT OF BIOMEDICAL ENGINEERING

VALUE ADDED COURSE SCHEDULE

ACADEMIC YEAR 2023-2024

Class: II YEAR/IV SEM

CLASS	DATE	SESSION	FACULTY	COURSE
II BME	05-02-2024	FN	Dr.M.Ramyadevi,AP/CSE	Python Programming for Biomedical Applications
		AN	K.Krithika,AP/BME	
	06-02-2024	FN	Dr.M.Ramyadevi,AP/CSE	
		AN	K.Krithika,AP/BME	
	07-02-2024	FN	Dr.M.Ramyadevi,AP/CSE	
		AN	K.Krithika,AP/BME	
	08-02-2024	FN	Dr.M.Ramyadevi,AP/CSE	
		AN	K.Krithika,AP/BME	
	09-02-2024	FN	Dr.M.Ramyadevi,AP/CSE	
		AN	K.Krithika,AP/BME	
	10-02-2024	FN	Dr.M.Ramyadevi,AP/CSE	
		AN	K.Krithika,AP/BME	

HOD/BME

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DEPARTMENT OF BIOMEDICAL ENGINEERING

Value Added Course – Python Programming For Biomedical Applications

Academic Year/Sem:2023-2024/03

Batch:2022-2026

II BME – NAME LIST

S NO	REGISTER NUMBER	NAME OF THE STUDENT
1	720722112001	ABDUSSAMAD O
2	720722112002	ABINESH JOVITTER KASTON K
3	720722112003	AJITHKUMAR A
4	720722112004	AMAL DEV
5	720722112005	AMBILI P C
6	720722112006	ANBUMANI T
7	720722112007	ARAVINTH KUMAR P
8	720722112008	ARCHANA BENNY
9	720722112009	ARSATH PARVEZ M
10	720722112010	ASMA V
11	720722112011	BALAJI A
12	720722112012	BARATH SUKUMAR E
13	720722112013	BASIL K V
14	720722112014	BASKAR T
15	720722112015	DEEPA S
16	720722112016	DHANUSH M
17	720722112017	DHILAK S
18	720722112018	DINESH KARTHIK J
19	720722112019	GUNASEKARAN D
20	720722112020	HRITHIK T K
21	720722112021	JAGADHEESH M
22	720722112022	JAMAL AL JAZEER F
23	720722112023	JANAPRIYA S
24	720722112024	JEEVITHA S
25	720722112025	JOHN NICKSHAN C
26	720722112026	KALAIVANI G
27	720722112027	KARTHICK C
28	720722112029	KRISHNA MOORTHY A

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29	720722112030	LAKSHMAN G
30	720722112031	MANIMALA N
31	720722112032	MAYURA GURUBARAN S
32	720722112033	MOHAMMED ASNAH
33	720722112034	MOHAMMED YASAR K P
34	720722112035	MUHAMMED ANSHAB
35	720722112036	NANDHITHA J
36	720722112037	NAVEEN A
37	720722112038	NEHAL KRISHNA V T
38	720722112039	NELVIN JINS
39	720722112040	NOOPU A D
40	720722112041	PRATHAN P K
41	720722112042	PREETHVI P
42	720722112043	PREM KUMAR S
43	720722112044	PRITHIVI RAJ P
44	720722112045	RACHEL R
45	720722112046	REVATHY P R
46	720722112047	RISHIKESAN K
47	720722112048	RUVETHASRI V
48	720722112049	SABARINATH M
49	720722112050	SHAHZAD ROSHAN P K
50	720722112051	SHANMUGA RAJA G
51	720722112052	SHANOOB SHAJAHAN
52	720722112053	SHYAM MOHITH SUKUMARAN
53	720722112054	SUFIYAN M K
54	720722112055	SUHAIL P V
55	720722112056	SUREKA M
56	720722112057	SURYA P
57	720722112058	SUSITHARAN S
58	720722112059	THALAL MOHAMED S
59	720722112060	THIVAGAR K
60	720722112061	UTHAYAVANAN N M
61	720722112062	VASANTHKUMAR S
62	720722112063	YAZHINI S

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DEPARTMENT OF BIOMEDICAL ENGINEERING

III– BME (BATCH 2022-26)

VALUE ADDED COURSE ATTENDANCE

PYTHON PROGRAMMING FOR BIOMEDICAL APPLICATIONS

S.No	Register Number	Name of the Student	05.02.2024		06.02.2024		07.02.2024		08.02.2024		09.02.2024		10.02.2024	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720722112001	ABDUSSAMAD O												
2	720722112002	ABINESH JOVITTER KASTON K												
3	720722112003	AJITHKUMAR A												
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42	7207221120 43		
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48	7207221120 49	RUVE ,HASRI V	
49	7207221120 50	SABARINATH M	
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51	7207221120 52	SHANMUGA RAJA G	
52	7207221120 53	SHANOOB SHAJAHAN SHYAM MOHITH SUKUMARAN	
53	7207221120 54	SUFIYAN M K	
54	7207221120 55	SUHAIL P V	
55	7207221120 56	SUREKA M	
56	7207221120 57	SURYA P	
57	7207221120 58	SUSITHARAN S	
58	7207221120 59	THALAL MOHAMED S	
59	7207221120 60	THIVAGAR K	
60	7207221120 61	UTHAYAVANAN N M	
61	7207221120 62	VASANTHKUMAR S	
62	7207221120 63	YAZHINI S	

VALUE ADDED COURSE COORDINATOR

CLASS ADVISOR

HOD

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Biomedical Engineering

Academic year: 2023 -2024 date: 10/02/2024

Name and code number of the

value added course offered : Python Programming for biomedical applications

Semester : III

Staff coordinator : S PATRICIA NANCY

period of batch : 2022 - 2026

STUDENT FEEDBACK

Dear student,

You are required to give your feedback on the following aspects.please tick in the respective column

S. No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1.	Course content	✓				
2.	Skill development	✓				
3.	motivation		✓			
4.	Regularity and punctuality of teacher		✓			
5.	Coverage of syllabus	✓				
6.	interaction	✓				
7.	Individual attention		✓			
8.	Outcome	✓				
9.	Other suggestions		✓			

Student signature

Staff co-ordinator

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Biomedical Engineering

Academic year: 2023 - 2024 date: 10/02/2024

Name and code number of the value added course offered : Python programming for biomedical Applications

Semester : III period of batch : 2022-2026

Staff coordinator : S. PATRICIA NANCY

STUDENT FEEDBACK

Dear student,

You are required to give your feedback on the following aspects.please tick in the respective column

S. No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1.	Course content	✓				
2.	Skill development	✓				
3.	motivation		✓			
4.	Regularity and punctuality of teacher		✓ ✓			
5.	Coverage of syllabus					
6.	interaction	✓				
7.	Individual attention	✓				
8.	Outcome	✓				
9.	Other suggestions	✓				

Student signature

Staff co-ordinator

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HINDUSTHAN

College of Engineering and Technology

(An Autonomous Institution)

Valley Campus, Pollachi Highway, Coimbatore, Tamilnadu 641032

Value Added Course

This is to certify that

ABDUSSAMAD O (720722112001) of II Year B.E (BME)

has successfully completed the course

Python programming for biomedical applications

from 05/02/24 to for 10/02/24 the period of 30 hours

during the ODD semester of the academic year 2023-2024

HOD

Dean Academic

Principal

VALUE ADDED COURSE ON EMBEDDED SYTEMS FOR MEDICAL APPLICATIONS

prashan

HANDS-ON TRAINING ON EMBEDDED SYSTEMS FOR MEDICAL APPLICATIONS
DEPARTMENT OF BIOMEDICAL ENGINEERING
HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE
in association with
PRASHAN MEDICAL TECHNOLOGIES, COIMBATORE

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Course description and objectives:

To integrate & educate students on clinical and Technical application of various medical sensors. The course provides a gentle introduction to the sensors used in medical industry and is intended for beginning users and those looking for a review. It is designed to give students a basic understanding of physiological parameter acquisition & medical instrumentation design with embedded systems using STM32.

1. To transform Biomedical Engineers to Clinical Engineers. (Fresher into Professional)
2. To impart basic Technical knowledge about sensors and measurement.(Fundamental Knowledge & Principles)
3. To impart data acquisition, measurement, problem solving & troubleshooting knowledge about medical sensors with microcontroller.

The main objectives are:

This course focuses on the medical sensors, data acquisition, sensors interface & measurement, instrumentation design, basics of electronics, current scenario & career opportunities in biomedical industry. Ideally suited for biomedical engineering students and graduates with a basic understanding of electronics and basic biomedical engineering knowledge.

Upon successful completion of this course, the student should be able to:

1. Ability to understand the basic working principle of embedded systems.
2. Ability to comprehend the knowledge on the different sensors for the appropriate application.
3. Ability to understands the technology & components used on the each sensors & its function.

Prerequisites:

1. No specific prerequisites are needed.
2. Basic knowledge of biomedical instrumentation and an understanding of electronics and basics microcontroller Architecture.

SR No	Description	Hours of Training
1	MODULE 1 - INTRODUCTION TO EMBEDDED SYSTEM	DAY 1
2	MODULE 2 - EMBEDDED SYSTEM ARCHITECTURE	DAY 1
3	MODULE 3 - ARDUINO & STM32 ARCHITECTURE	DAY 2
	MODULE 4 - DATA ACQUISITION VIA ARDUINO AND STM32	DAY 2
4	MODULE 5 - ADC, DATA PROCESSING & CONTROL	DAY 3
5	MODULE 6 - ANALOG READ, DIGITAL READ, DIGITAL WRITE, UART, I2C, SERIAL COMMUNICATION	DAY 4
6	MODULE 7 - DISPLAY INTERFACING	DAY 5
	Total Days	5 Days

	Training Details:	
1	Mode of Training	Offline
2	Total Hours of Training	5 Days
3	Training Venue	Department of Biomedical Engineering, Hindusthan College of Engineering and Technology, Coimbatore
4	Sensor for workshops	All the Embedded systems kit will be arranged from Prashan Medical Technologies.
5	Training Certificate	Yes. Certificates will be provided
6	Training Fee	Rs.72,000 + 18% GST (Rs. 84,960) for 60Students

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DEPARTMENT OF BIOMEDICAL ENGINEERING

Value Added Course – Embedded Systems For Medical Applications

Academic Year/Sem:2023-2024/06

Batch:2021-2025

III BME – NAME LIST

S NO	REGISTER NUMBER	NAME OF THE STUDENT
1	720721112001	ABISHEK N
2	720721112002	ADITHYA S
3	720721112003	AKHILA ANWAR
4	720721112004	AKSHAY KRISHNA
5	720721112005	ALTHAF SHERIFF A
6	720721112006	ANANDHARAJ T
7	720721112007	ANNAMALAI A
8	720721112008	ASHIQUE ALI
9	720721112009	ASHOK KUMAR K
10	720721112010	ASWIN RAJ J
11	720721112011	BHARGAVI G
12	720721112012	BHUVANESHWARAN B
13	720721112013	GOKUL RADHA KRISHNAN
14	720721112014	HARINE K R
15	720721112015	HARINI C
16	720721112016	JANANI S
17	720721112017	JAYAKUMAR V
18	720721112018	JAYAPRIYA R
19	720721112019	LIBI ACHENKUNJU
20	720721112020	LOGESH M
21	720721112021	MAHADEVAN M
22	720721112022	MOHAMED FAHEEM A
23	720721112023	MOHAMMAD FIRNAS
24	720721112024	MUHAMMED HARIS U K
25	720721112025	MUHAMMED NAFIH MASHAL
26	720721112026	MUHAMMED NIHAL

		MADATHUMMAL
27	720721112027	MUHAMMED NIYAS.C H
28	720721112028	NAMO SRI V G
29	720721112029	NISHA R
30	720721112030	OVIYA S
31	720721112031	PACHIYAPPAN S
32	720721112032	PANDEESHWARAN N
33	720721112033	REGHAN BOSE R
34	720721112034	SAIRAJ M
35	720721112035	SANGEETHRAJ B
36	720721112036	SATHEESH KUMAR V
37	720721112037	SHWETHA S
38	720721112038	SIVA SREE S
39	720721112039	SIVARAJAN K
40	720721112040	SOFIYA B
41	720721112041	SONAIMUTHU B
42	720721112042	SRIMATHI B
43	720721112043	SUNDAR RAM S
44	720721112044	TAMILNESAN R G
45	720721112045	VYSREE MANOJ V P
46	720721112046	KEERTHANA R
47	720721112801	ABHINAND.S
48	720721112802	ROSHITH.S

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DEPARTMENT OF BIOMEDICAL ENGINEERING

VI– BME (BATCH 2021-25)

VALUE ADDED COURSE ATTENDANCE

EMBEDDED SYSTEMS FOR MEDICAL APPLICATIONS

S.No	Register Number	Name of the Student	24.06.2024		25.06.2024		26.06.2024		27.06.2024		28.06.2024	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720721112001	ABISHEK N										
2	720721112002	ADITHYA S										
3	720721112003	AKHILA ANWAR										
4	720721112004	AKSHAY KRISHNA										
5	720721112005	ALTHAF SHERIFF A										
6	720721112006	ANANDHARAJ T										
7	720721112007	ANNAMALAI A										
8	720721112008	ASHIQUE ALI										
9	720721112009	ASHOK KUMAR K										
10	720721112010	ASWIN RAJ J										

11	720721112011	BHARGAVI G										
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48	720721112802	ROSHITH.S										

VALUE ADDED COURSE COORDINATOR

CLASS ADVISOR

HOD

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Biomedical Engineering

Academic year: 2023-2024 date: 28/06/2024

Name and code number of the

value added course offered : Embedded System for Medical Applications

Semester : VI period of batch : 2021-2025

Staff coordinator : S.PATRICIA NANCY

STUDENT FEEDBACK

Dear student,

You are required to give your feedback on the following aspects.please tick in the respective column

S. No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1.	Course content	✓				
2.	Skill development	✓				
3.	motivation		✓			
4.	Regularity and punctuality of teacher		✓			
5.	Coverage of syllabus	✓				
6.	interaction	✓				
7.	Individual attention		✓			
8.	Outcome	✓				
9.	Other suggestions	✓				

Student signature

Staff co-ordinator

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Biomedical Engineering

Academic year: 2023 - 2024 date: 28/06/2024

Name and code number of the

value added course offered : Embedded system for Medical Applications

Semester : VI period of batch : 2021 - 2025

Staff coordinator : S. PATRICIA NANCY

STUDENT FEEDBACK

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2.	Skill development	✓				
3.	motivation	✓				
4.	Regularity and punctuality of teacher		✓			
5.	Coverage of syllabus		✓			
6.	interaction	✓				
7.	Individual attention		✓			
8.	Outcome	✓				
9.	Other suggestions	✓				

Student signature

Staff co-ordinator

HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST

HICET

prashan medical technologies

PRASHAN MEDICAL TECHNOLOGIES

CERTIFICATE OF COMPLETION

This Certificate is awarded to

Mr. Anandharaj T

for completing **5 days** value added course on **"Medical Equipment and Calibration Techniques"** conducted from **24.06.2024** to **28.06.2024** at Department of Biomedical Engineering, **Hindusthan College of Engineering and Technology,** Coimbatore in association with **Prashan Medical Technologies,** Coimbatore

Dr. S. Saravana Sundaram
HOD/BME
HICET

Mr. Boopathi Sakthivel
Founder & CEO
Prashan Medical Technologies

ODD SEMESTER	5th SEM
LABVIEW GUI PROGRAMMING WITH REALTIME APPLICATION	

Heading	Subheading	Hours
Course Objectives	❖ To transmute Electronics/Electrical/Instrumentation & control Engineer to LabVIEW design Engineer ❖ To impart basic Logical thinking knowledge on LabVIEW for simulation & control ❖ To program, simulate & control for every product in R&D.	-
	INTRODUCTION: - Advantages of a Virtual Instrument - LabVIEW Software Overview - graphical user interfaces – data types –data flow programming, editing, debugging and running a virtual instrument - General functional description of a digital instrument - block diagram of a virtual instrument - physical quantities and analog interfaces - hardware and software - user interfaces - advantages of virtual instrumentation over conventional instruments - architecture of a virtual instrument and its relation to the operating system.	5
	G PROGRAMMING : Graphical programming palettes and tools – front panel objects – Functions and libraries - Controls, Indicators, Labels and Text - Shape – size and colour – owned and free labels - Data type, format, precision and representation - Software environment - palettes - data types and colour coding - editing, debugging and running a vi –data flow programming - modular programming - loops - local and global variables.	5

	PROGRAMMING STRUCTURE : For loop, While loop, Case structure, Flat Sequence- Arrays and clusters - sequence structures - plotting data – Chart, Graph, XY Graph - making decisions in a vi - strings and File I/O - - TCP/IP - shared variables - data publishing – state machines.	**5**
	HARDWARE OVERVIEW: PC architecture: current trends - operating system requirement Creating board file. drivers - interface buses – DAQ – Arduino Interface with LabVIEW – LIFE Interface	**5**
	DATA AQUISITION: Classification of signals - analog and digital interfacing - DAQ hardware and software - configuring the hardware - ADC, DAC, Digital I/O, counters and timers - advanced triggering of audio and video signals - basic system components of a signalconditioning system.	**5**
	ARDUINO & DAQ INTERFACE WITH LABVIEW: Arduino UNO – DAQ – LM35 –Relay – Buzzer – Servo Motor – Data Acquisition – Data Control – Real-time Application –Temperature measurement & control.	**5**
	APPLICATIONS: Biomedical Application: Temperature measurement – Pressure – Flow – Robotic Arm Simulation – Image processing using LabVIEW - Use of analysis tools: Fourier transforms - power spectrum - correlation methods - windowing and filtering – image acquisition and processing - networking basics for office and industrial application - VISAand IVI.	**5**
Course outcome	❖ Ability to understand the basic working principle of LabVIEW software. ❖ Ability to comprehend the knowledge on the different instruments I/O for the appropriate application.	**-**
	Total Contact Hours	**35 Hours**

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Department Of Biomedical Engineering

Value Added Course-LABVIEW GUI Programming with real time applications

Academic Year :2023-2024/05

Contents Delivery Plans

S.No	Title Of The Content	Date	No.Of.Hours	Name Of The Faculty
1.	Introduction to basics of LabVIEW	08.01.2024	2	Mr.Vinothkunar R Assistant Prof/EIE
2.	Description of Digital Instruments Designing	08.01.2024	2	
3.	Introduction to Diagnostic techniques	08.01.2024	2	
4.	Hardware analysis	08.01.2024	2	
5.	LabVIEW Diagnostic techniques	09.01.2024	2	
6.	Simulation and graphical programming	09.01.2024	2	
7.	Programming design loops and plotting	10.01.2024	2	
8.	Data acquisition system	10.01.2024	4	
9.	Programming Interfacing module	11.01.2024	4	
10.	Biomedical Applications	11.01.2024	4	
Total Hours Of The Programme			**30**	

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DEPARTMENT OF BIOMEDICAL ENGINEERING

Value Added Course – Labview GUI Programming With Real-Time Application

Academic Year/Sem:2023-2024/05

Batch:2021-2025

III BME – NAME LIST

S NO	REGISTER NUMBER	NAME OF THE STUDENT
1	720721112001	ABISHEK N
2	720721112002	ADITHYA S
3	720721112003	AKHILA ANWAR
4	720721112004	AKSHAY KRISHNA
5	720721112005	ALTHAF SHERIFF A
6	720721112006	ANANDHARAJ T
7	720721112007	ANNAMALAI A
8	720721112008	ASHIQUE ALI
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INDIA Tel: +91 422 4242424 www.hicet.ac.in

DEPARTMENT OF BIOMEDICAL ENGINEERING

V– BME (BATCH 2021-25)

VALUE ADDED COURSE ATTENDANCE

LABVIEW GUI PROGRAMMING WITH REAL-TIME APPLICATION

S.No	Register Number	Name of the Student	08.01.2024		09.01.2024		10.01.2024		11.01.2024		12.01.2024	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720721112001	ABISHEK N										
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VALUE ADDED COURSE COORDINATOR

CLASS ADVISOR

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Biomedical Engineering

Academic year: 2023-2024 date: 12/01/2024

Name and code number of the value added course offered : Labview GOI Programming with Real-time Application

Semester : V period of batch : 2021-2025

Staff coordinator : S. PATRICIA NANCY

STUDENT FEEDBACK

Dear student,

You are required to give your feedback on the following aspects.please tick in the respective column

S. No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1.	Course content	✓				
2.	Skill development		✓			
3.	motivation		✓			
4.	Regularity and punctuality of teacher	✓				
5.	Coverage of syllabus	✓				
6.	interaction	✓				
7.	Individual attention		✓			
8.	Outcome	✓				
9.	Other suggestions		✓			

Student signature

Staff co-ordinator

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Biomedical Engineering

Academic year: 2023 - 2024 date: 12/01/2024

Name and code number of the

value added course offered : Labview GUI Programming with Realtime Applications

Semester : V period of batch : 2021 - 2025

Staff coordinator : S. PATRICIA NANCY

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9.	Other suggestions	✓				

Student signature

Staff co-ordinator

HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST

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HINDUSTHAN

College of Engineering and Technology

(An Autonomous Institution)

Valley Campus, Pollachi Highway, Coimbatore, Tamilnadu 641032

Value Added Course

This is to certify that

ANANDHARAJ T (720721112006) of III Year B.E (BME)

has successfully completed the course

Labview GUI Programming with Real-time Application

from 08/01/24 to 12/01/24 for the period of 30 hours

during the ODD semester of the academic year 2023-2024

HOD

Dean Academic

Principal

Building Information Modeling using Autodesk AutoCAD 3D

05th February 10th February 2024 (30 Hours)

Department of Civil Engineering

Hindusthan College of Engineering and Technology

Coimbatore-641032

February 2024

About the Programme

This value added course on Autodesk AutoCAD 3D, or three-dimensional computer-aided design, is technology for design and technical documentation, which replaces manual drafting with an automated process. Used by architects, engineers and other professionals, 3D CAD software precisely represents and visualizes objects using a collection of points in three dimensions on the computer.

Autodesk has a broad portfolio of 3D CAD software programs to help the students to explore and share ideas, visualize concepts and simulate how designs will perform before they're made.

Aim of the Programme

To be proficient in Autodesk AutoCAD 3D with respect to

1. 2D Modeling of Structures and editing
2. Approval drawing of the structure and plotting of it

Topics to be covered

1. Introduction of Auto CAD
2. Basic drawing commands
3. Editing Drawings
4. Inquiry Commands
5. Dimensioning
6. Preparation of Approval Drawing

Contents

Contents Delivery Plans

Date	Session	Theory/ Practical	Course Instructor	Topic Covered
05.02.2024	FN 09.30 a.m. - 01.05 p.m.	Theory/ Practical	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	Introduction of Auto CAD, AutoCAD Hardware and configuration using the main menu
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		Screen Menus, Setting up a drawing, Screen Menus, Setting up a drawing, **Exercise:** Open a AutoCAD file and set the basic units. Then save the file in your name. Close the software. **Exercise:** Open a AutoCAD file and set the basic units. Then save the file in your name. Close the software.
06.02.2024	FN 09.30 a.m. – 01.05 p.m.	Theory/ Practical	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	Basic drawing commands: Line / Point / Circle / Arc / Trace / Text /D text / Redraw / Zoom Basic drawing commands: Pan / Ortho / Coordinates / Grid / Snap / Ellipse / Polygon / Donut **Editing Drawings:** Select/Erase/Oops/Move/Copy/Break/Fillet/Measure **Editing Drawings:** Divide/Explode/Undo/Redo/Trim/Extend/Rotate /Scale
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		**Exercise:** Draw a simple plan of a building using above commands. **Editing Drawings:** Offset/Mirror/Stretch/Chamfer/Array. **Exercise:** Edit the drawn plan to an extended version
07.02.2024	FN 09.30 a.m. – 01.05 p.m.	Theory	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	**Inquiry Commands:** ID / List / DBlist / Status / Time / Color / Area / Files Intermediate **Drawing Commands:** Layers / Change / Rege / Fill / Solid / Hatch / Block / Insert / WBlock
	AN 02.10 p.m. – 04.40 p.m.	Practical		**Exercise:** Do Hatching, coloring and layer the plan already drawn

07.02.2024	FN 09.30 a.m. – 01.05 p.m.	Theory/ Practical	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mr. Parthasaarthy, Assistant Professor	**Dimensioning:** Associative, Base-line, Linear, Angular, Center Mark, Diameter, Leader, Radius Setting Dimensioning Variable, Text Fonts and Styles **Advanced Drafting Commands:** Pline / Pedit / Spline / Fit /Osnap Section and Elevation, Basement - Nomenclature of drawing files - Rule for Floor Plans - Rule for Building Footprint Plotting, Fix Drawing Scale, page setup, Selection of paper size, plot area, plot scale, Plot offset
	AN 02.10 p.m. – 04.40 p.m.	Practical		**Exercise:** Give Dimensioning to the drawn plan and draw different line using above commands
09.02.2024	FN 09.30 a.m. – 01.05 p.m.	Practical	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Flat roof.
	AN 02.10 p.m. – 04.40 p.m.	Practical		Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Pitched roof Draw the Plan, Sectional, Front elevation and approval drawing of a Multi storey residential building with a Flat roof.
10.02.2024	FN 09.30 a.m. – 01.05 p.m.	Practical	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Flat roof.
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Domain Experts Talk

Date	Session	Course Instructor	Topic Covered
05.02.2024	FN 09.30 a.m. - 01.05 p.m.	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor Assistant Professor	Introduction of Auto CAD, AutoCAD Hardware and configuration using the main menu
	AN 02.10 p.m. – 04.40 p.m.		Screen Menus, Setting up a drawing, Screen Menus, Setting up a drawing, **Exercise:** Open a AutoCAD file and set the basic units. Then save the file in your name. Close the software. **Exercise:** Open a AutoCAD file and set the basic units. Then save the file in your name. Close the software.
06.02.2024	FN 09.30 a.m. – 01.05 p.m.	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	Basic drawing commands: Line / Point / Circle / Arc / Trace / Text /D text / Redraw / Zoom Basic drawing commands: Pan / Ortho / Coordinates / Grid / Snap / Ellipse / Polygon / Donut **Editing Drawings:** Select/Erase/Oops/Move/Copy/Break/Fillet/Measure **Editing Drawings:** Divide/Explode/Undo/Redo/Trim/Extend/Rotate /Scale
	AN 02.10 p.m. – 04.40 p.m.		**Exercise:** Draw a simple plan of a building using above commands. **Editing Drawings:** Offset/Mirror/Stretch/Chamfer/Array. **Exercise:** Edit the drawn plan to an extended version
07.02.2024	FN 09.30 a.m. – 01.05 p.m.	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	**Inquiry Commands:** ID / List / DBlist / Status / Time / Color / Area / Files Intermediate **Drawing Commands:** Layers / Change / Rege / Fill / Solid / Hatch / Block / Insert / WBlock
	AN 02.10 p.m. – 04.40 p.m.		**Exercise:** Do Hatching, coloring and layer the plan already drawn

08.02.2024	FN 09.30 a.m. – 01.05 p.m.	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	**Dimensioning:** Associative, Base-line, Linear, Angular, Center Mark, Diameter, Leader, Radius Setting Dimensioning Variable, Text Fonts and Styles **Advanced Drafting Commands:** Pline / Pedit / Spline / Fit /Osnap Section and Elevation, Basement - Nomenclature of drawing files - Rule for Floor Plans - Rule for Building Footprint Plotting, Fix Drawing Scale, page setup, Selection of paper size, plot area, plot scale, Plot offset
	AN 02.10 p.m. – 04.40 p.m.		**Exercise:** Give Dimensioning to the drawn plan and draw different line using above commands
09.02.2024	FN 09.30 a.m. – 01.05 p.m.	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Flat roof.
	AN 02.10 p.m. – 04.40 p.m.		Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Pitched roof Draw the Plan, Sectional, Front elevation and approval drawing of a Multi storey residential building with a Flat roof.
10.02.2024	FN 09.30 a.m. – 01.05 p.m.	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Flat roof.
	AN 02.10 p.m. – 04.40 p.m.		Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Pitched roof Draw the Plan, Sectional, Front elevation and approval drawing of a Multi storey residential building with a Flat roof.

Outcome of the Programme

On completion of this Value added Program the Student will able to

1. Model various structures in Autodesk AutoCAD 3D.
2. Apply CAD concepts to prepare Approval drawing and plotting.

Course Code	Name of the Course	Total Instructional Hours : 30
VAP/CE/I	**Building Information Modeling using Autodesk AutoCAD 3D**	

Course Objective	To be proficient in Autodesk AutoCAD 3D with respect to 1. 2D Modeling of Structures and editing 2. Approval drawing of the structure and plotting of it

Module No.	Topic Covered
1	**Introduction of AutoCAD:** AutoCAD Hardware and configuration, Using the main menu, Screen Menus, Setting up a drawing; Units/Limits, Altering Options, Save, Quit and End commands **Exercise:** Open a AutoCAD file and set the basic units. Then save the file in your name. Close the software.
2	**Basic drawing commands:** Line/Point/Circle/Arc/Trace/Text/Dtext/Redraw/Zoom Pan/Ortho/Coordinates/Grid/Snap/Ellipse/Polygon/ Donut **Exercise:** Draw a simple plan of a building using above commands.
3	**Editing Drawings:** Select/Erase/Oops/Move/Copy/Break/Fillet/Measure Divide/Explode/Undo/Redo/Trim/Extend/Rotate/Scale Offset/Mirror/Stretch/Chamfer/Array **Exercise:** Edit the above drawn plan to an extended version.
4	**Inquiry Commands:** ID/List/DBlist/Status/Time/Color/Area/Files Intermediate **Drawing Commands:** Layers/Change/Rege/Fill/Solid/Hatch/Block/Insert/WBlock **Exercise:** Do Hatching, coloring and layer the plan already drawn.
5	**Dimensioning:** Associative, Base-line, Linear, Angular, Center Mark, Diameter, Leader, Radius Setting Dimensioning Variable, Text Fonts and Styles Advanced Drafting Commands: Pline/ Pedit/ Spline/ Fit/ Osnap **Exercise:** Give Dimensioning to the drawn plan and draw different line using above commands.
6	**Preparation of Approval Drawing** Site Plan , Building wise floor plans (containing all floor plans except basement), Section and Elevation, Basement - Nomenclature of drawing files - Rule for Floor Plans - Rule for Building Footprint **Plotting** Fix Drawing Scale, page setup, Selection of paper size, plot area, plot scale, Plot offset
7	**The following list of Projects has to be completed on which Certificate will be provided.** a) Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Flat roof. b) Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Pitched roof c) Draw the Plan, Sectional, Front elevation and approval drawing of a Multi storey residential building with a Flat roof.

Course Outcome	On completion of this Value added Program the Student will able to 1. Model various structures in Autodesk AutoCAD 3D. 2. Apply CAD concepts to prepare Approval drawing and plotting.

REFERENCE BOOKS:

R1- AutoCAD(R) Pocket Reference, Cheryl R. Shrock, Steve Heather, 2018
R2 - AutoCAD reference guide, Dorothy Kent, 1989.

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Chairman - BoS
CIVIL - HiCET

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Coimbatore – 641 032.

DEPARTMENT OF CIVIL ENGINEERING

Value Added Course On Building Information Modeling using Autodesk AutoCAD 3D

SCHEDULE

Class: II Year B.E Civil Engineering **Batch:** 2022-2026
Semester: III **Academic Year:** 2023-2024

Date	Session	Theory/ Practical	Course Instructor	Topic Covered
05.02.2024	FN 09.30 a.m. - 01.05 p.m.	Theory/ Practical	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	Introduction of Auto CAD, AutoCAD Hardware and configuration using the main menu
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		Screen Menus, Setting up a drawing, Screen Menus, Setting up a drawing, **Exercise:** Open a AutoCAD file and set the basic units. Then save the file in your name. Close the software. **Exercise:** Open a AutoCAD file and set the basic units. Then save the file in your name. Close the software.
06.02.2024	FN 09.30 a.m. – 01.05 p.m.	Theory/ Practical	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	Basic drawing commands: Line / Point / Circle / Arc / Trace / Text /D text / Redraw / Zoom Basic drawing commands: Pan / Ortho / Coordinates / Grid / Snap / Ellipse / Polygon / Donut **Editing Drawings:** Select/Erase/Oops/Move/Copy/Break/Fillet /Measure **Editing Drawings:** Divide/Explode/Undo/Redo/Trim/Extend/ Rotate/Scale
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		**Exercise:** Draw a simple plan of a building using above commands. **Editing Drawings:** Offset/Mirror/Stretch/Chamfer/Array. **Exercise:** Edit the drawn plan to an extended version
07.02.2024	FN 09.30 a.m. – 01.05 p.m.	Theory	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	**Inquiry Commands:** ID / List / DBlist / Status / Time / Color / Area / Files Intermediate **Drawing Commands:** Layers / Change / Rege / Fill / Solid / Hatch / Block / Insert / WBlock
	AN 02.10 p.m. – 04.40 p.m.	Practical		**Exercise:** Do Hatching, coloring and layer the plan already drawn

07.02.2024	FN 09.30 a.m. – 01.05 p.m.	Theory/ Practical	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mr. Parthasaarthy, Assistant Professor	**Dimensioning:** Associative, Base-line, Linear, Angular, Center Mark, Diameter, Leader, Radius Setting Dimensioning Variable, Text Fonts and Styles **Advanced Drafting Commands:** Pline / Pedit / Spline / Fit /Osnap Section and Elevation, Basement - Nomenclature of drawing files - Rule for Floor Plans - Rule for Building Footprint Plotting, Fix Drawing Scale, page setup, Selection of paper size, plot area, plot scale, Plot offset
	AN 02.10 p.m. – 04.40 p.m.	Practical		**Exercise:** Give Dimensioning to the drawn plan and draw different line using above commands
09.02.2024	FN 09.30 a.m. – 01.05 p.m.	Practical	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Flat roof.
	AN 02.10 p.m. – 04.40 p.m.	Practical		Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Pitched roof Draw the Plan, Sectional, Front elevation and approval drawing of a Multi storey residential building with a Flat roof.
10.02.2024	FN 09.30 a.m. – 01.05 p.m.	Practical	Mr. Rajkumar D, CAAD TECHNOLOGIES, Coimbatore Mrs. K. Saraswathi, Assistant Professor	Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Flat roof.
	AN 02.10 p.m. – 04.40 p.m.	Practical		Draw the Plan, Sectional, Front elevation and approval drawing of a residential building with a Pitched roof Draw the Plan, Sectional, Front elevation and approval drawing of a Multi storey residential building with a Flat roof.

Faculty Incharge **HoD/CIVIL** **Dean/Academics**

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE 641 032

DEPARTMENT OF CIVIL ENGINEERING

No.: HICET / Civil / Value Added Course / ODD – 2023 - 2024 03.02.2024

CIRCULAR

The Value-Added Course for II Year B.E. Civil Engineering students is planned as per the following schedule:

Class	Batch	Name of the Value Added Course	Duration	Timing
II Year B.E. Civil Engg.	2022-2026	Building Information Modeling using Autodesk AutoCAD 3D	**05.02.2024 to 10.02.2024**	9.15 am to 4.30 pm

Students are instructed to attend the Value Added course without fail.

Faculty In-charge

3/2/2024

HoD / CIVIL

Copy to:

1. The Principal – for kind information
2. The Dean (Academics) – for kind information
3. II Year Class Advisor and Subject handling Faculty members
4. II Year Civil Engineering Students

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 032
DEPARTMENT OF CIVIL ENGINEERING
VALUE ADDED COURSE ON AutoCAD 3D - ATTENDANCE STATEMENT

Class : II Year Civil Engineering
Semester : III

Batch : 2022 - 2026
Academic Year : 2023 - 2024

S. No.	Register No.	Name of the Student	05.02.2024	05.02.2024	06.02.2024	06.02.2024	07.02.2024	07.02.2024	08.02.2024	08.02.2024	09.02.2024	09.02.2024	09.02.2024	09.02.2024
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720722103001	AAKASHKUMAR T												
2	720722103002	ABHINAV SAIJU												
3	720722103003	ABHISHEK P												
4	720722103004	AJAY KUMAR R												
5	720722103005	AMEENUL IRSHA												
6	720722103006	ANTONY JOSHWA A	AB	AB	AB	AB	A		AB	AB	AB	AB	AB	AB
7	720722103007	ARAVIND C R												
8	720722103008	ARSHIYA M												
9	720722103009	ARUNACHALAM K	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	720722103010	AVINASH T												
11	720722103011	DEEPAKSIVAN A												
12	720722103012	DEEPIKA V												
13	720722103013	DHANUSH B	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14	720722103014	DHANUSH S												
15	720722103015	DEENA DAYALAN D												
16	720722103016	DHILIP S												
17	720722103017	EBIN K BIJU												
18	720722103018	ESWARAN P												
19	720722103019	GANGA D B												
20	720722103020	GOHILAN GOPALSAMY												
21	720722103021	HARIHARAN P												
22	720722103022	JAYASIMMAN K												
23	720722103023	KABILAN M												
24	720722103024	KARTHICKRAJA R												
25	720722103025	KINGSLEY ADAMS A												
26	720722103026	LAKCHUKALYAN S												

S. No.	Register No.	Name of the Student	05.02.2024	05.02.2024	06.02.2024	06.02.2024	07.02.2024	07.02.2024	08.02.2024	08.02.2024	09.02.2024	09.02.2024	09.02.2024	09.02.2024
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
27	720722103027	MAYALAGU A												
28	720722103028	MILAN K JACOB												
29	720722103029	MUHAMMED SAHAL P												
30	720722103030	MUTHU AADHISHWAR V S				AB	AB	AB	AB	AB	AB	AB	AB	AB
31	720722103031	MUTHU MANI K												
32	720722103032	NAGARAJA A												
33	720722103033	NANDHANA SIDHARTHAN												
34	720722103034	NAVEEN KUMAR D												
35	720722103035	NAVEENKUMAR P												
36	720722103036	PADMESH S												
37	720722103037	PRAVEEN KUMAR N												
38	720722103038	PRAVEENKUMAR P												
39	720722103039	PRAVEENKUMAR B												
40	720722103040	PRAVEENKUMAR S												
41	720722103041	RAGUL R												
42	720722103042	RESMIKA S												
43	720722103043	SARAVANAN S												
44	720722103044	SATHISH S												
45	720722103045	SHABEER AHAMED S												
46	720722103046	SHANMUGAM V	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
47	720722103047	SHARVESH SHANKAR B												
48	720722103048	SHIJU R												
49	720722103049	SHIYAS H												
50	720722103050	SREEPATHI T												
51	720722103051	SRI SATHISH S												
52	720722103052	SRIDHAR S												
53	720722103054	SRINIVASAN G												
54	720722103055	SUKUMARAN S												
55	720722103056	THINAKARA M R												
56	720722103057	VENKATAPATHY T												

S. No.	Register No.	Name of the Student	05.02.2024	05.02.2024	06.02.2024	06.02.2024	07.02.2024	07.02.2024	08.02.2024	08.02.2024	09.02.2024	09.02.2024	09.02.2024	09.02.2024
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
57	720722103058	VIGNESH S												
58	720722103801	AARTI GILOTRA												
59	720722103802	ARUNMOZHI N S												
60	720722103803	DEEPAK RAJ G												
61	720722103804	DESAPRIYAN S												
62	720722103805	RAGURAMAN B												
63	720722103806	RAVIKUMAR P							AB	AB	AB	AB	AB	AB
64	720722103807	SEDHASHKANNA D												
65	720722103808	SHRIRAMAKRISHNAN M												
66	720722103809	SUPRITH S												
		No. of Student Present	62	62	63	62	62	62	60	60	60	60	60	60
		No. of Student Absent	04	04	03	04	04	04	06	06	06	06	06	06
		Signature of the Faculty												

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HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE - 641032

DEPARTMENT OF CIVIL ENGINEERING

List of Students who Enrolled and Completed Value Added Course on Auto CAD 3D

(05.02.2024 to 10.02.2024)

Class: II B.E Civil Engineering **Batch: 2022 - 2026**

Semester: IV **Academic Year: 2023 - 2024**

S. No.	Register No.	Name of the Student
1	720722103001	AAKASHKUMAR T
2	720722103002	ABHINAV SAIJU
3	720722103003	ABHISHEK P
4	720722103004	AJAY KUMAR R
5	720722103005	AMEENUL IRSHA
6	720722103007	ARAVIND C R
7	720722103008	ARSHIYA M
8	720722103010	AVINASH T
9	720722103011	DEEPAKSIVAN A
10	720722103012	DEEPIKA V
11	720722103014	DHANUSH S
12	720722103015	DEENA DAYALAN D
13	720722103016	DHILIP S
14	720722103017	EBIN K BIJU
15	720722103018	ESWARAN P
16	720722103019	GANGA D B
17	720722103020	GOHILAN GOPALSAMY
18	720722103021	HARIHARAN P
19	720722103022	JAYASIMMAN K
20	720722103023	KABILAN M
21	720722103024	KARTHICKRAJA R
22	720722103025	KINGSLEY ADAMS A
23	720722103026	LAKCHUKALYAN S
24	720722103027	MAYALAGU A
25	720722103028	MILAN K JACOB
26	720722103029	MUHAMMED SAHAL P
27	720722103031	MUTHU MANI K
28	720722103032	NAGARAJA A
29	720722103033	NANDHANA SIDHARTHAN
30	720722103034	NAVEEN KUMAR D
31	720722103035	NAVEENKUMAR P
32	720722103036	PADMESH S
33	720722103037	PRAVEEN KUMAR N

S. No.	Register No.	Name of the Student
34	720722103038	PRAVEENKUMAR P
35	720722103039	PRAVEENKUMAR B
36	720722103040	PRAVEENKUMAR S
37	720722103041	RAGUL R
38	720722103042	RESMIKA S
39	720722103043	SARAVANAN S
40	720722103044	SATHISH S
41	720722103045	SHABEER AHAMED S
42	720722103047	SHARVESH SHANKAR B
43	720722103048	SHIJU R
44	720722103049	SHIYAS H
45	720722103050	SREEPATHI T
46	720722103051	SRI SATHISH S
47	720722103052	SRIDHAR S
48	720722103054	SRINIVASAN G
49	720722103055	SUKUMARAN S
50	720722103056	THINAKARA M R
51	720722103057	VENKATAPATHY T
52	720722103058	VIGNESH S
53	720722103801	AARTI GILOTRA
54	720722103802	ARUNMOZHI N S
55	720722103803	DEEPAK RAJ G
56	720722103804	DESAPRIYAN S
57	720722103805	RAGURAMAN B
58	720722103807	SEDHASHKANNA D
59	720722103808	SHRIRAMAKRISHNAN M
60	720722103809	SUPRITH S

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DEPARTMENT OF CIVIL ENGINEERING

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023-2024 Date: 10/02/2024

Name and code number of the Value added course offered : BUILDING INFORMATION MODELING USING AUTODESK AUTOCAD 3D

Semester: III Period of Batch: 06/02/2024 To 10/02/2024

Course Instructors: MR.RAJKUMAR.D

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation		✓			
4	Regularity and punctuality of teacher		✓			
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions		✓			

Student Signature

Staff Co-ordinator

Dean/Academics

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DEPARTMENT OF CIVIL ENGINEERING

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023-2024 Date: 10/02/24

Name and code number of the Value added course offered : Building information modeling using Autodesk Auto cad 3D

Semester: IM Period of Batch: 05/2/24 to 10/2/2024

Course Instructors: Mr Rajkumar.D

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development		✓			
3	Motivation		✓			
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus		✓			
6	Interaction		✓			
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions		✓			

Student Signature

Staff Co-ordinator

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DEPARTMENT OF CIVIL ENGINEERING

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023 - 2024 Date: 10/02/2024

Name and code number of the Value added course offered: Building information Modeling using Autodesk AutoCAD 3D Period of Batch: 05/02/2024 to 10/02/2024

Semester: III

Course Instructors: Mr. Rajkumar. D

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions					

Student Signature

Staff Co-ordinator

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DEPARTMENT OF CIVIL ENGINEERING

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2024 Date: 18.09.24

Name and code number of the Value added course offered : Building Information Modeling using Autodesk AUTOCAD 3D

Semester: IV Period of Batch: 5/02/2024 to 10/02/2024

Course Instructors: M. Rajkumar. D

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions					

Student Signature

Staff Co-ordinator

Dean/Academics

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DEPARTMENT OF CIVIL ENGINEERING

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023-2024 Date: 10/02/2024

Name and code number of the Value added course offered: BUILDING INFORMATION MODELLING USING AUTODESK AUTOCAD

Semester: III Period of Batch: 5/2/24 - 10/2/2024

Course Instructors: RAJKUMAR.D

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content					
2	Skill development		✓			
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus		✓			
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions					

Student Signature

Staff Co-ordinator

Dean/Academics

Certificate of Completion

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KINGSLEY ADAMS A
Name

AUTOCAD — 6 Days
Course Title — Course Duration

DEVENDIRAN K — 05/02/2024 — 10/02/2024
Instructor — Course Starting Date — Course Ending Date

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website : www.caddtechnologies.com

JAYASIMMAN K
Name

AUTOCAD — 6 Days
Course Title — Course Duration

DEVENDIRAN K — 05/02/2024 — 10/02/2024
Instructor — Course Starting Date — Course Ending Date

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website : www.caddtechnologies.com

GANGA D B
Name

AUTOCAD — 6 Days
Course Title — Course Duration

DEVENDIRAN K — 05/02/2024 — 10/02/2024
Instructor — Course Starting Date — Course Ending Date

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Training Held at

Head Training

QGIS

12th February to 17th February 2024 (30 Hours)

Department of Civil Engineering

Hindusthan College of Engineering and Technology

Coimbatore-641032

February 2024

About the Programme

This value added course on QGIS was to provide training of QGIS Software for Geospatial analysis to the students. This course introduce to students to know the concepts and the techniques of handling geographical data through a particular form of information system - GIS. The students learned to operate the QGIS software and their application in the field of geography and geo informatics. The course output helps to improve the skills and knowledge of the subject among students to resolve the environmental problems. The advanced knowledge gained by the students during the course will also helps to improve the employability of the students in future.

Aim of the Programme

To acquire knowledge about QGIS with respect to

1. Understand the cartographic outputs in Q GIS environment.
2. Expose the concepts of cartography as major components of input and output related to cartography.

Topics to be covered

1. Fundamentals of mapping and QGIS
2. QGIS data models and data input
3. Raster data analysis
4. Vector data analysis
5. Application of QGIS

Contents

Contents Delivery Plans

Date	Time	Theory/ Practical	Course Instructor	Topic Covered
12.02.2024	FN 09.30 a.m. - 01.05 p.m.	Theory/ Practical	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Fundamentals of Mapping and Q GIS** Definition of Map - Co-ordinate Systems , Rectangular and Geographic Coordinates – UTM and UPS, Projection – Function - Types of Map Projections, Introduction to Q GIS, **Exercise :** Rectification and Spatial Referencing of Digital Map
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		
13.02.2024	FN 09.30 a.m. - 01.05 p.m.	Theory/ Practical	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Q GIS Data Models and Data Input:** Point, Line Polygon / Area, elevation and surface, Input: Map scanning and digitization, Registration and Georeferencing, Data Structure – Raster Vs. Vector Comparison – File Formats for Raster and Vector, Data conversion between Raster and vector. **Exercise :** Onscreen Digitization and Database Creation
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		
14.02.2024	FN 09.30 a.m. - 01.05 p.m.	Theory/ Practical	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Raster Data Analysis:** Introduction, Raster Data analysis: Neighborhood Operations, Raster Data analysis: Regional Operations.
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		
15.02.2024	FN 09.30 a.m. - 01.05 p.m.	Theory/ Practical	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Exercise:** Data Conversion – Vector to Raster, Raster to Vector, Vector Data Analysis: Topological Analysis, Point-in-polygon, Line-in-polygon, Polygon-in-Polygon
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		
16.02.2024	FN 09.30 a.m. - 01.05 p.m.	Theory/ Practical	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Exercise :** Vector Analysis – Buffering, Overlay and Network analysis, flood Mapping **Exercise :** Vector Analysis – Buffering, Overlay and Network analysis, flood mapping
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		
17.02.2024	FN 09.30 a.m. - 01.05 p.m.	Theory/ Practical	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Application of RS**, Application of RS & QGIS in Transportation Engineering. **Exercise:** Shortest Route Mapping.
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		

Domain Experts Talk

Date	Course Instructor	Topic Covered
12.02.2024	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Fundamentals of Mapping and Q GIS** Definition of Map - Co-ordinate Systems , Rectangular and Geographic Coordinates – UTM and UPS, Projection – Function - Types of Map Projections, Introduction to Q GIS, **Exercise :** Rectification and Spatial Referencing of Digital Map
13.02.2024	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Q GIS Data Models and Data Input:** Point, Line Polygon / Area, elevation and surface, Input: Map scanning and digitization, Registration and Georeferencing, Data Structure – Raster Vs. Vector Comparison – File Formats for Raster and Vector, Data conversion between Raster and vector. **Exercise :** Onscreen Digitization and Database Creation
14.02.2024	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Raster Data Analysis:** Introduction, Raster Data analysis: Neighborhood Operations, Raster Data analysis: Regional Operations
15.02.2024	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Exercise:** Data Conversion – Vector to Raster, Raster to Vector, Vector Data Analysis: Topological Analysis, Point-in-polygon, Line-in-polygon, Polygon-in-Polygon
16.02.2024	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Exercise :** Vector Analysis – Buffering, Overlay and Network analysis, flood Mapping **Exercise :** Vector Analysis – Buffering, Overlay and Network analysis, flood mapping
17.02.2024	Dr. N. N. Salghuna, ASSRG, Trichy Mr. R. Poomalai, Assistant Professor	**Application of RS**, Application of RS & QGIS in Transportation Engineering. **Exercise:** Shortest Route Mapping

Outcome of the Programme

On completion of this Value added Program the student will able to

1. Acquire knowledge about cartographic principles, spatial data models and spatial analysis
2. Acquire skills to carry out the Lab Exercises independently on spatial information system analysis

During the course all the participants gained precious knowledge about the QGIS software, they have learned and familiar with the projecting and re-projecting the vector and raster data sets by using Quantum GIS. With the Hands on experience on QGIS Software, the digitization of toposheet has carried out by the students.

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE 641 032

DEPARTMENT OF CIVIL ENGINEERING

No.: HICET / Civil / Value Added Course / ODD – 23 - 24 29.01.2023

CIRCULAR

The Value-Added Course for III Year B.E. Civil Engineering students is planned as per the following schedule:

Year	Batch	Name of the Value Added Course	Duration	Timing
III	2021-2025	Geospatial Analysis using QGIS	**12.02.2024 to 17.02.2024**	9.15 am to 4.30 pm

Students are instructed to attend the Value Added course without fail.

Faculty In-charge

HoD / CIVIL

Copy to:

1. The Principal – for kind information
2. The Dean (Academics) – for kind information
3. III Year Class Advisor and Subject handling Faculty members
4. III Year Civil Engineering Students

Course Code	Name of the Course	Total Instructional Hours : 30
VAP/CE/III	Quantum Geographic Information System	

Course Objective	To be proficient in QGIS with respect to 1. Understand the cartographic outputs in Quantum Geographic Information System environment. 2. Expose the concepts of cartography as major components of input and output related to cartography.

Module No.	Topic Covered
1	**Introduction to GIS** GIS Components and Introduction to data types – Introduction to QGIS – Data import & getting familiar with QGIS interface – Projection and Re-projection **Exercise :** Data import & getting familiar with QGIS interface
2	**Introduction to Remote Sensing** Raster and Vector data model – Data Downloading – Geoferencing of Toposheet – Image Registration **Exercise : Data Downloading, Georeferencing of Toposheet, Image Registration**
3	**Digitization** Concept of Digitization – Errors & Topology – Point, Line & Polygon **Exercise: Digitization – Toposheet – 1 & 2**
4	**Database** Spatial DATA, Non-Spatial Data – Data Exploration using QGIS **Exercise : Data Exploration using QGIS, Working with tables 1 & 2**
5	**Application** Application of RS & GIS in Urban & Regional planning – Water Resource Management **Exercise: Spatial Querying, Attribute Querying, Map Projection**

Course Outcome	On completion of this Value added Program the Student will able to 1. Gain knowledge on cartographic principles, spatial data models & spatial analysis. 2. Carry out exercises on spatial information system analysis.

REFERENCE BOOKS:

R1- Learning QGIS - Third Edition, Anita Graser, Packt Publishing, March 2016
R2 - Introduction to QGIS, Scott Madry Ph.D., Tutorial series QGIS, 2021.

HOD/CIVIL
Chairman - BoS
CIVIL - HiCET

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Dean (Academics)
HiCET

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DEPARTMENT OF CIVIL ENGINEERING

Value Added Course on Geospatial Analysis using QGIS

SCHEDULE

Class: III Year B.E Civil Engineering **Batch:** 2022-2026
Semester: V **Academic Year:** 2023-2024

Date	Timing	Theory/ Practical	Course Instructor	Topic Covered
12.02.2024	9.30 am to 4.30 pm	Theory / Practical	Mr. R. Poomalai, Assistant Professor Mr. V. Suresh, Assistant Professor	**Introduction to GIS** GIS Components and Introduction to data types – Introduction to QGIS – Data import & getting familiar with QGIS interface – Projection and Re-projection **Exercise :** Data import & getting familiar with QGIS interface
13.02.2024	9.30 am to 4.30 pm	Theory / Practical	Mr. R. Poomalai, Assistant Professor Mr. V. Suresh, Assistant Professor	**Introduction to Remote Sensing** Raster and Vector data model – Data Downloading – Geoferencing of Toposheet – Image Registration **Exercise : Data Downloading, Georeferencing of Toposheet, Image Registration**
14.02.2024	9.30 am to 4.30 pm	Theory / Practical	Mr. R. Poomalai, Assistant Professor Mr. V. Suresh, Assistant Professor	**Digitization** Concept of Digitization – Errors & Topology – Point, Line & Polygon **Exercise: Digitization – Toposheet – 1 & 2**
15.04.2024	9.30 am to 4.30 pm	Theory / Practical	Mr. R. Poomalai, Assistant Professor Mr. V. Suresh, Assistant Professor	**Database** Spatial DATA, Non-Spatial Data – Data Exploration using QGIS **Exercise : Data Exploration using QGIS, Working with tables 1 & 2**
16.02.2024	9.30 am to 4.30 pm	Practical	Mr. R. Poomalai, Assistant Professor Mr. V. Suresh, Assistant Professor	**Application** Application of RS & GIS in Urban & Regional planning – Water Resource Management **Exercise: Spatial Querying, Attribute Querying, Map Projection**
17.02.2024	9.30 am to 4.30 pm	Practical	Mr. R. Poomalai, Assistant Professor Mr. V. Suresh, Assistant Professor	**Application** Application of RS & GIS in Urban & Regional planning – Water Resource Management **Exercise: Spatial Querying, Attribute Querying, Map Projection**

Faculty Incharge **HoD/CIVIL** **Dean/Academics**

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE 641 032

DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE ON GEOSPATIAL ANALYSIS USING QGIS - ATTENDANCE STATEMENT

Class : III Year Civil Engineering

Batch : 2021 - 2025

Semester : V

Academic Year : 2023 - 2024

S. No.	Register No.	Name of the Student	13.02.2024	13.02.2024	14.02.2024	14.02.2024	15.02.2024	15.02.2024	16.02.2024	16.02.2024	17.02.2024	17.02.2024	19.02.2024	19.02.2024
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720721103001	Abdulla S	AB	AB	A	A	AB	AB	AB	AB	AB	AB	AB	AB
2	720721103002	Agni Mari Muthu T	T	T			T	T	T	T	T	T	T	T
3	720721103003	Ajaykumar R	R	R			R	R	R	R	R	R	R	R
4	720721103004	Alan Mathew Shibu	AB	AB			AB	AB	AB	AB	AB	AB	AB	AB
5	720721103005	Ali Rihan Nelliparamban												
6	720721103006	Arun K	AB	AB			AB	AB	AB	AB	AB	AB	AB	AB
7	720721103007	Arunkumar S												
8	720721103008	Ashwinkumar S												
9	720721103009	Askarali A												
10	720721103010	Athithya V												
11	720721103011	Bahadoor Badhusha A	A.Bahadoor	A.Bahadoor			A.Bahadoor	A.Bahadoor	A.Bahadoor	A.Bahadoor	A.Bahadoor	A.Bahadoor	A.Bahadoor	A.Bahadoor
12	720721103012	Balaji S	S.Balaji	S.Balaji			S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji	S.Balaji
13	720721103013	Bharath K	K.Bharath	K.Bharath			K.Bharath	K.Bharath	K.Bharath	K.Bharath	K.Bharath	K.Bharath	K.Bharath	K.Bharath
14	720721103014	Bharath S	S.Bharath	S.Bharath			S.Bharath	S.Bharath	S.Bharath	S.Bharath	S.Bharath	S.Bharath	S.Bharath	S.Bharath
15	720721103015	Chethass Deep P												
16	720721103016	Devan Raj G												
17	720721103017	Dinesh Kumar V												
18	720721103018	Gopinath S												
19	720721103019	Hareesh K G												
20	720721103020	Hariharan K												
21	720721103021	Jeno Leona Shahar P												
22	720721103022	Jeyavignesh V												
23	720721103023	Karthick S												
24	720721103024	Kishore Kumar K												
25	720721103025	Kishore Kumar S												
26	720721103026	Logeswaran S												
27	720721103028	Madhan R	Madhan	Madhan			Madhan	Madhan	Madhan	Madhan	Madhan	Madhan	Madhan	Madhan
28	720721103030	Manojkumar B												
29	720721103031	Mohammed Aashik S												
30	720721103032	Muhammed Ashkar												
31	720721103033	Muhammed Zidhin V P												
32	720721103034	Muthaiya K												

S. No.	Register No.	Name of the Student	13.02.2024	13.02.2024	14.02.2024	14.02.2024	15.02.2024	15.02.2024	16.02.2024	16.02.2024	17.02.2024	17.02.2024	19.02.2024	19.02.2024
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
33	720721103035	Nadiya Nusrath N												
34	720721103036	Naorem Rohit Singh												
35	720721103037	Naveenkumar P												
36	720721103038	Nithish S												
37	720721103039	Nithishkumar A	AB	AB			AB	AB	AB	AB	AB	AB	AB	AB
38	720721103040	Nivas M												
39	720721103041	Parkavi R												
40	720721103042	Puvibharath S	AB	AB			AB	AB	AB	AB	AB	AB	AB	AB
41	720721103043	Ragulprabhu I												
42	720721103044	Rakesh Krishna A												
43	720721103045	Rathan N												
44	720721103046	Rayappan B												
45	720721103047	Riyan Mohammed A												
46	720721103048	Ruthran R												
47	720721103049	Sabari Kannan R												
48	720721103050	Sabarigiri A												
49	720721103051	Sakthiprakash V												
50	720721103052	Sanjay B												
51	720721103053	Santosh M												
52	720721103054	Sarathraj G												
53	720721103055	Satheesh T												
54	720721103056	Siva Raman T												
55	720721103057	Soja Saji												
56	720721103058	Sumankumar M												
57	720721103060	Veeramuthu R												
58	720721103061	Vighash P												
59	720721103062	Vignesh R												
60	720721103063	Vijay M												
61	720721103801	Dineshkumar S												
62	720721103802	Janarthanan S												
63	720721103803	Jegadeeshwaran R												
64	720721103804	Santhosh Kumar J												
65	720721103805	Yeswanth M												
66	720721103806	Moovendran M												
		No. of Student Present	61	61			61	61	61	61	61	61	61	61
		No. of Student Absent	5	5			5	5	5	5	5	5	5	5
		Signature of the Faculty												

HoD/Civil

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
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DEPARTMENT OF CIVIL ENGINEERING

List of Students who Enrolled and Completed Value Added Course on QGIS

(12.02.2024 to 17.02.2024)

Class: III B.E Civil Engineering **Batch: 2021 - 2025**

Semester: VI **Academic Year: 2023 - 2024**

S. No.	Register No.	Name of the Student
1	720721103002	Agni Mari Muthu T
2	720721103003	Ajaykumar R
3	720721103005	Ali Rihan Nelliparamban
4	720721103007	Arunkumar S
5	720721103008	Ashwinkumar S
6	720721103009	Askarali A
7	720721103010	Athithya V
8	720721103011	Bahadoor Badhusha A
9	720721103012	Balaji S
10	720721103013	Bharath K
11	720721103014	Bharath S
12	720721103015	Chethass Deep P
13	720721103016	Devan Raj G
14	720721103017	Dinesh Kumar V
15	720721103018	Gopinath S
16	720721103019	Hareesh K G
17	720721103020	Hariharan K
18	720721103021	Jeno Leona Shahar P
19	720721103022	Jeyavignesh V
20	720721103023	Karthick S
21	720721103024	Kishore Kumar K
22	720721103025	Kishore Kumar S
23	720721103026	Logeswaran S
24	720721103028	Madhan R
25	720721103030	Manojkumar B
26	720721103031	Mohammed Aashik S
27	720721103032	Muhammed Ashkar
28	720721103033	Muhammed Zidhin V P
29	720721103034	Muthaiya K
30	720721103035	Nadiya Nusrath N
31	720721103036	Naorem Rohit Singh
32	720721103037	Naveenkumar P
33	720721103038	Nithish S

S. No.	Register No.	Name of the Student
34	720721103040	Nivas M
35	720721103041	Parkavi R
36	720721103043	Ragulprabhu I
37	720721103044	Rakesh Krishna A
38	720721103045	Rathan N
39	720721103046	Rayappan B
40	720721103047	Riyan Mohammed A
41	720721103048	Ruthran R
42	720721103049	Sabari Kannan R`
43	720721103050	Sabarigiri A
44	720721103051	Sakthiprakash V
45	720721103052	Sanjay B
46	720721103053	Santosh M
47	720721103054	Sarathraj G
48	720721103055	Satheesh T
49	720721103056	Siva Raman T
50	720721103057	Soja Saji
51	720721103058	Sumankumar M
52	720721103060	Veeramuthu R
53	720721103061	Vighash P
54	720721103062	Vignesh R
55	720721103063	Vijay M
56	720721103801	Dineshkumar S
57	720721103802	Janarthanan S
58	720721103803	Jegadeeshwaran R
59	720721103804	Santhosh Kumar J
60	720721103805	Yeswanth M
61	720721103806	Moovendran M

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023 - 2024 **Date:** 17.02.2024.

Name and code number of the Value added course offered : QGIS

Semester: V^th **Period of Batch:** 12.02.24 - 17.02.24

Course Instructor: Dr. Salghuna. NN

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction		✓			
7	Individual attention	✓				
8	Outcome		✓			
9	Other suggestions		✓			

K. Bharath
Student Signature

K. Bharath
720720103013

Staff Co-ordinator

Dean/Academics

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023 - 2024 **Date:** 17.02.2024

Name and code number of the Value added course offered : Q-GIS

Semester: V th **Period of Batch:** 12.02.24 - 17.02.24

Course Instructor: Dr. Salghura. N

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation		✓			
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus		✓			
6	Interaction		✓			
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions	✓				

Student Signature

Staff Co-ordinator

Dean / Academics

Ruthvan .R

720721103048

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023-2024 **Date:** 17.02.2024

Name and code number of the Value added course offered : QGIS

Semester: VIth **Period of Batch:** 12.02.2024 - 17.02.24

Course Instructor: Dr. Salghuna. MN

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus		✓			
6	Interaction		✓			
7	Individual attention	✓				
8	Outcome		✓			
9	Other suggestions		✓			

K. Hariharan
Student Signature
HARIHARAN K
720721103020

Staff Co-ordinator

Dean/Academics

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023-2024 **Date:** 17.02.2024

Name and code number of the Value added course offered : GIS

Semester: V^th **Period of Batch:** 12.02.24 - 17.02.24

Course Instructor: Dr. Sanghuma .NN

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus		✓			
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions			✓		

Student Signature **Staff Co-ordinator** **Dean/Academics**

P. Naveenkumar
720721103037

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HICET

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TÜVRheinland CERTIFIED

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023 - 2024 **Date:** 17.02.2024

Name and code number of the Value added course offered : GGIS

Semester: V TH **Period of Batch:** 12.02.2024 – 17.02.24

Course Instructor: Dr. Salghuna. NN

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus		✓			
6	Interaction		✓			
7	Individual attention	✓				
8	Outcome		✓			
9	Other suggestions		✓			

Student Signature **Staff Co-ordinator** **Dean/Academics**

Yeswanth. M
720721103805

CERTIFICATE

OF APPRECIATION

This is to certify that

Madhan R

Reg No.: 720721103028

---

has completed **36 hours course on "Geo-spatial analysis using QGIS"** *from* **13 Feb to 19 Feb 2024** *conducted by* **Active Spatial Sciences Research Group (ASSRG)**, *RS Puram, Coimbatore at* **Hindusthan College of Engineering and Technology**, Coimbatore

Mr. Jyothish Jayan
REGIONAL CO-ORDINATOR

Dr. N N Salghuna
HEAD & DIRECTOR

CERTIFICATE

OF APPRECIATION

This is to certify that

Nadiya Nusrath N

Reg No.: 720721103035

---

has completed **36 hours course on "Geo-spatial analysis using QGIS"** *from* **13 Feb to 19 Feb 2024** *conducted by* **Active Spatial Sciences Research Group (ASSRG)**, *RS Puram, Coimbatore at* **Hindusthan College of Engineering and Technology**, Coimbatore

Mr. Jyothish Jayan
REGIONAL CO-ORDINATOR

Dr. N N Salghuna
HEAD & DIRECTOR

CERTIFICATE

OF APPRECIATION

This is to certify that

Parkavi R

Reg No.: 720721103041

---

has completed **36 hours course on "Geo-spatial analysis using QGIS"** *from* **13 Feb to 19 Feb 2024** *conducted by* **Active Spatial Sciences Research Group (ASSRG)**, *RS Puram, Coimbatore at* **Hindusthan College of Engineering and Technology**, Coimbatore

Mr. Jyothish Jayan
REGIONAL CO-ORDINATOR

Dr. N N Salghuna
HEAD & DIRECTOR

Project Portfolio Management using Oracle Primavera P6.

04th March to 11th March 2024 (30 Hours)

Department of Civil Engineering

Hindusthan College of Engineering and Technology

Coimbatore-641032

March 2024

About the Programme

This value added course on Primavera P6, students can learn to create a new Project in Primavera P6, manage the programs and projects effectively and create Activities, can view the Critical Path, can learn to Maintain and Assign Project Baseline, Export and Print Project Schedule, can learn to create WBS, link activities, Create & Assign Resources, Expenses and Track Project Progress.

Aim of the Programme

To be proficient in Oracle Primavera P6 Software With respect to

1. Portfolio, project codes and project time management
2. Project resource management and project monitoring and control

Topics to be covered

1. Introduction to Primavera P6
2. Portfolio Program & Project Structure Creation
3. Project Code and Calendars
4. Project Time and Management
5. Scheduling and Constraints
6. Project Resource management
7. Project Monitoring & Control

Contents

Topic Covered
Delay Impact Analysis, Earned Value Analysis, S-Curve Analysis, Usage of Project Thresholds, Project Issue Register, Working in Project Issues, Project Tracking, Importance of Schedule Comparison
Visualizer Tool, Comparing different version of projects, Comparing different version of baselines, Comparison general and advanced options in P6
Exercise: Create a portfolio for a real time project and compare the actual & scheduled time of the project.

Contents Delivery Plans

Date	Timing	Theory/ Practical	Course Instructor	Topic Covered
04.03.2024	9.30 am to 4.30 pm	Theory / Practical	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Introduction to Primavera P6:** Introduction about Portfolio, Program and Projects, Introduction to Project Management, Introduction to Primavera, History of Planning, Skills required for Planning, Project Phases & Life Cycle, Primavera Architecture in detail Database options in P6.
05.03.2024	9.30 am to 4.30 pm	Theory / Practical	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Introduction to Primavera P6:** Introduction about Portfolio, Program and Projects, Introduction to Project Management, Introduction to Primavera, History of Planning, Skills required for Planning, Project Phases & Life Cycle, Primavera Architecture in detail Database options in P6.
06.03.2024	9.30 am to 4.30 pm	Theory / Practical	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Project Code and Calendars:** Project Codes, Calendar, Global Calendar, Project Calendar, Resource Calendar **Exercise:** Create a Project Code and perform the grouping option (Creating all three types of Calendar – Work Week, Exception and Holiday setup)

Date	Timing	Theory/ Practical	Course Instructor	Topic Covered
07.03.2024	9.30 am to 4.30 pm	Theory / Practical	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Project Time and Management:** Creating Work Breakdown Structure (WBS), Defining Work Package & Creating Project Activities, Activity Codes, Activity Types, Duration Types, Percentage Completion Types, Activity Resource units loading, Applying activities relationships (Logical connection), Relationship Types, Creating Activity Steps, Feeding Activity information to Execution Team, Activity Summary **Exercise: Create a project with work package and activities.**
08.03.2024	9.30 am to 4.30 pm	Practical	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Scheduling and Constraints:** Retained Logic, Progress Override, Actual Dates, Scheduling Option, Scheduling Logs, Applying Constraint, Types of Constraints **Project Resource management:** Types of Resources, Units of Measures, Creating Resource, Default & Maximum units per time, Resource Price revisions, Resource Shift Creation, Assigning the resource to activities, Resource Codes, Creating Roles, Assigning roles to resources, Assigning roles to activities, Resource Loading, Resource Curves **Exercise:** Create a project with all types of scheduling types during out of sequence and apply constraints. Create all types of Resources and assign roles to the user in the project.
11.03.2024	9.30 am to 4.30 pm	Practical	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Project Monitoring & Control:** Setting up & Assigning Baselines, Apply Actual, Progress Update, Look Ahead Schedule, Delay Impact Analysis, Earned Value Analysis, S-Curve Analysis, Usage of Project Thresholds, Project Issue Register, Working in Project Issues, Project Tracking, Importance of Schedule Comparison, Visualizer Tool, Comparing different version of projects, Comparing different version of baselines, Comparison general and advanced options in P6 **Exercise:** Create a portfolio for a real time project and compare the actual & scheduled time of the project.

Domain Experts Talk

Date	Timing	Course Instructor	Topic Covered
04.03.2024	9.30 am to 4.30 pm	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Introduction to Primavera P6:** Introduction about Portfolio, Program and Projects, Introduction to Project Management, Introduction to Primavera, History of Planning, Skills required for Planning, Project Phases & Life Cycle, Primavera Architecture in detail Database options in P6.
05.03.2024	9.30 am to 4.30 pm	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Introduction to Primavera P6:** Introduction about Portfolio, Program and Projects, Introduction to Project Management, Introduction to Primavera, History of Planning, Skills required for Planning, Project Phases & Life Cycle, Primavera Architecture in detail Database options in P6.
06.03.2024	9.30 am to 4.30 pm	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Project Code and Calendars:** Project Codes, Calendar, Global Calendar, Project Calendar, Resource Calendar **Exercise:** Create a Project Code and perform the grouping option (Creating all three types of Calendar – Work Week, Exception and Holiday setup)
07.03.2024	9.30 am to 4.30 pm	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Project Time and Management:** Creating Work Breakdown Structure (WBS), Defining Work Package & Creating Project Activities, Activity Codes, Activity Types, Duration Types, Percentage Completion Types, Activity Resource units loading, Applying activities relationships (Logical connection), Relationship Types, Creating Activity Steps, Feeding Activity information to Execution Team, Activity Summary **Exercise: Create a project with work package and activities.**

Date	Timing	Course Instructor	Topic Covered
08.03.2024	9.30 am to 4.30 pm	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Scheduling and Constraints:** Retained Logic, Progress Override, Actual Dates, Scheduling Option, Scheduling Logs, Applying Constraint, Types of Constraints **Project Resource management:** Types of Resources, Units of Measures,Creating Resource, Default & Maximum units per time, Resource Price revisions, Resource Shift Creation, Assigning the resource to activities, Resource Codes, Creating Roles, Assigning roles to resources, Assigning roles to activities, Resource Loading, Resource Curves **Exercise:** Create a project with all types of scheduling types during out of sequence and apply constraints. Create all types of Resources and assign roles to the user in the project.
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Outcome of the Programme

On completion of this Value added Program the Student will able to

1. Create portfolio and project codes with time management
2. Create real time project with constraints & compare the actual and scheduled time of project

Course Code	Name of the Course	Total Instructional Hours : 30
VAP/CE/V	**Project Portfolio Management using Oracle Primavera P6.**	

Course Objective	To be proficient in Oracle Primavera P6 Software With respect to 1. Portfolio, project codes and project time management 2. Project resource management and project monitoring and control

Module No.	Topic Covered
1	**Introduction to Primavera P:** Introduction about Portfolio, Program and Projects, Introduction to Project Management, Introduction to Primavera, History of Planning, Skills required for Planning, Project Phases & Life Cycle, Primavera Architecture in detailDatabase options in P6.
2	**Portfolio Program & Project Structure Creation:** Setting up Enterprise Project Structure (EPS), Setting up Organizational Breakdown Structure (OBS), User Administration, User control & Limited Access Provisions, Setting User Preferences, Creating a Project, Defining Project Status, Setting up Project Dates, Setting up Project Codes, Project Parameters. **Exercise:** Create a Portfolio, Program and Project assigning responsible managers
3	**Project Code and Calendars:** Project Codes, Calendar, Global Calendar, Project Calendar, Resource Calendar **Exercise:**Create a Project Code and perform the grouping option (Creating all three types of Calendar – Work Week, Exception and Holiday setup)
4	**Project Time and Management:** Creating Work Breakdown Structure (WBS), Defining Work Package & Creating Project Activities, Activity Codes, Activity Types, Duration Types, Percentage Completion Types, Activity Resource units loading, Applying activities relationships (Logical connection), Relationship Types, Creating Activity Steps, Feeding Activity information to Execution Team, Activity Summary **Exercise: Create a project with work package and activities.**
5	**Scheduling and Constraints:** Retained Logic, Progress Override, Actual Dates, Scheduling Option, Scheduling Logs, Applying Constraint, Types of Constraints **Project Resource management:** Types of Resources, Units of Measures, Creating Resource, Default & Maximum units per time, Resource Price revisions, Resource Shift Creation, Assigning the resource to activities, Resource Codes, Creating Roles, Assigning roles to resources, Assigning roles to activities, Resource Loading, Resource Curves **Exercise:** Create a project with all types of scheduling types during out of sequence and apply constraints. Create all types of Resources and assign roles to the user in the project.
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Course Outcome	On completion of this Value added Program the Student will able to 1. Create portfolio and project codes with time management 2. Create real time project with constraints & compare the actual and scheduled time of project

REFERENCE BOOKS:

R1 - Exploring Oracle Primavera P6, Prof. Sham Tickoo, BPB publications

R2 - Using Primavera 6 Planning, Executing, Monitoring and Controlling Projects, Abdelrahman publications

HOD/CIVIL
Chairman - BoS
CIVIL - HiCET

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DEAN
Dean (Academics
HiCET

Hindusthan College of Engineering and Technology

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(An Autonomous Institution, Affiliated to Anna University, Chennai)
Coimbatore – 641 032.

DEPARTMENT OF CIVIL ENGINEERING

Value Added Course on Primavera P6

SCHEDULE

Class: IV Year B.E Civil Engineering **Batch:** 2022-2026
Semester: VII **Academic Year:** 2023-2024

Date	Timing	Theory/ Practical	Course Instructor	Topic Covered
04.03.2024	9.30 am to 4.30 pm	Theory / Practical	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Introduction to Primavera P6:** Introduction about Portfolio, Program and Projects, Introduction to Project Management, Introduction to Primavera, History of Planning, Skills required for Planning, Project Phases & Life Cycle, Primavera Architecture in detail Database options in P6.
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Date	Timing	Theory/ Practical	Course Instructor	Topic Covered
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11.03.2024	9.30 am to 4.30 pm	Practical	Er.P.Karthikeyan, Edifice Placement Solutions Mr. R. Parthasaarthy, Assistant Professor	**Project Monitoring & Control:** Setting up & Assigning Baselines, Apply Actual, Progress Update, Look Ahead Schedule, Delay Impact Analysis, Earned Value Analysis, S-Curve Analysis, Usage of Project Thresholds, Project Issue Register, Working in Project Issues, Project Tracking, Importance of Schedule Comparison, Visualizer Tool, Comparing different version of projects, Comparing different version of baselines, Comparison general and advanced options in P6 **Exercise:** Create a portfolio for a real time project and compare the actual & scheduled time of the project.

Faculty Incharge **HoD/CIVIL** **Dean/Academics**

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE 641 032

DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE ON PRIMAVERA - ATTENDANCE STATEMENT

Class : IV Year Civil Engineering

Batch : 2020 - 2024

Semester : VIII

Academic Year : 2023 - 2024

S. No.	Register No.	Name of the Student	04.03.2024	04.03.2024	05.03.2024	05.03.2024	06.03.2024	06.03.2024	07.03.2024	07.03.2024	08.03.2024	08.03.2024	11.03.2024	11.03.2024
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	20103001	AADHITHYA DESABANDHU B												
2	20103002	AANAND V												
3	20103003	ABHISHEK P												
4	20103004	ABIN AUGUSTINE	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD
5	20103005	AJSAL K	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	20103006	ASWATH G												
7	20103007	ATHIKES B												
8	20103008	BABIN RAM S T												
9	20103009	BALAJI B												
10	20103010	BENSON SHIBU												
11	20103011	DEEPANRAJ V												
12	20103012	DHANISH S												
13	20103013	DHARSHAN R												
14	20103014	DHINESH KUMAR R	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD
15	20103015	DHINESHKUMAR R	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD
16	20103016	DINESH K												
17	20103017	FAZIL MUSRAF S												
18	20103018	GOWTHAMAN K												
19	20103019	HARISHKUMAR K												
20	20103020	JEGAN A	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
21	20103021	KALEESWARI B												
22	20103022	KOTA RAMASESHU												
23	20103023	MANO BALA A												
24	20103024	MUKESH KUMAR V												
25	20103025	NANDAGOPAL M												
26	20103026	NIDHUL P K												
27	20103027	NIVETHA K	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD
28	20103028	PANDI M												
29	20103029	PAULDHILIPAN P												
30	20103030	PRASANTH S												
31	20103031	PREM KUMAR S												
32	20103032	RAGUL K												

S. No.	Register No.	Name of the Student	04.03.2024	04.03.2024	05.03.2024	05.03.2024	06.03.2024	06.03.2024	07.03.2024	07.03.2024	08.03.2024	08.03.2024	13.03.2024	13.03.2024
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
33	20103033	REGURAM S												
34	20103034	SANJAY KUMAR G K												
35	20103035	SANJEEV RAM J												
36	20103036	SATWIKA K A												
37	20103037	SELVA PUVANESH K	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD
38	20103038	SELVAPATHY T												
39	20103039	SENBAGAMARAN R												
40	20103040	SENTHAMIZH SELVAN S												
41	20103041	SONU PRABU T												
42	20103042	SREEHARI H												
43	20103043	SRIKANTH K												
44	20103044	SURESH T												
45	20103045	VALLARASU T												
46	20103046	VARUN R				AB	AB	AB	AB	AB	AB	AB	AB	AB
47	20103047	VIJAY AROCKIAM A												
48	20103048	VIJAY SELVAMANI S												
49	20103049	VISHNU K	AB	AB	AB			AB	AB	AB	AB	AB	AB	AB
50	20103050	YASHWANTH I												
51	20103051	MOHAMMAD HUSSAIN												
52	20103801	ABIMANYU A												
53	20103802	AKILAN M												
54	20103803	ARVIND MURUGAN M	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD	OD
55	20103804	ASHIQ L	OD	OD	OD	OD	AB	AB	AB	AB	AB	AB	AB	AB
56	20103805	CHANDRU D												
57	20103806	DHAMOTHARAN K												
58	20103807	DHARUNKUMAR S												
59	20103809	KABILAN G												
60	20103810	KARTHICK V												
61	20103811	KURIAN T J												
62	20103813	NANDU G	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
63	20103814	RAJESH KRISHNAN T												
64	20103815	SAFEEQ AKEEL S												
		No. of Student Present	53	53	53	52	52	52	52	52	52	52	52	52
		No. of Student Absent	11	11	11	11	12	12	12	12	12	12	12	12
		Signature of the Faculty												

HoD/Civil

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE - 641032

DEPARTMENT OF CIVIL ENGINEERING

List of Students who Enrolled and Completed Value Added Course on Primavera P6.

(04.03.2024 to 11.03.2024)

Class: IV B.E Civil Engineering **Batch: 2020 - 2024**

Semester: VII **Academic Year: 2023 - 2024**

S. No.	Register No.	Name of the Student
1	20103001	AADHITHYA DESABANDHU B
2	20103002	AANAND V
3	20103003	ABHISHEK P
4	20103006	ASWATH G
5	20103007	ATHIKES B
6	20103008	BABIN RAM S T
7	20103009	BALAJI B
8	20103010	BENSON SHIBU
9	20103011	DEEPANRAJ V
10	20103012	DHANISH S
11	20103013	DHARSHAN R
12	20103016	DINESH K
13	20103017	FAZIL MUSRAF S
14	20103018	GOWTHAMAN K
15	20103019	HARISHKUMAR K
16	20103021	KALEESWARI B
17	20103022	KOTA RAMASESHU
18	20103023	MANO BALA A
19	20103024	MUKESH KUMAR V
20	20103025	NANDAGOPAL M
21	20103026	NIDHUL P K
22	20103028	PANDI M
23	20103029	PAULDHILIPAN P
24	20103030	PRASANTH S
25	20103031	PREM KUMAR S
26	20103032	RAGUL K
27	20103033	REGURAM S
28	20103034	SANJAY KUMAR G K
29	20103035	SANJEEV RAM J
30	20103036	SATWIKA K A
31	20103038	SELVAPATHY T
32	20103039	SENBAGAMARAN R
33	20103040	SENTHAMIZH SELVAN S

S. No.	Register No.	Name of the Student
34	20103041	SONU PRABU T
35	20103042	SREEHARI H
36	20103043	SRIKANTH K
37	20103044	SURESH T
38	20103045	VALLARASU T
39	20103046	VARUN R
40	20103047	VIJAY AROCKIAM A
41	20103048	VIJAY SELVAMANI S
42	20103050	YASHWANTH I
43	20103051	MOHAMMAD HUSSAIN
44	20103801	ABIMANYU A
45	20103802	AKILAN M
46	20103805	CHANDRU D
47	20103806	DHAMOTHARAN K
48	20103807	DHARUNKUMAR S
49	20103809	KABILAN G
50	20103810	KARTHICK V
51	20103811	KURIAN T J
52	20103814	RAJESH KRISHNAN T
53	20103815	SAFEEQ AKEEL S

FACULTY INCHARGE

HOD / CIVIL

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Accredited with 'A++' Grade by NAAC
Coimbatore - 641 032

DEPARTMENT OF CIVIL ENGINEERING

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023 - 2024 **Date:** 11/03/2024

Name and code number of the Value added course offered : Project Portfolio management using Oracle Primavera P6

Semester: **Period of Batch:** 4/3/2024 to 11/3/2024

Course Instructors: Mr. Karthikeyan. P

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions	✓				

Student Signature Satwika . K.A

Staff Co-ordinator

Dean/Academics

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Accredited with 'A++' Grade by NAAC
Coimbatore - 641 032

DEPARTMENT OF CIVIL ENGINEERING

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023-2024 **Date:** 11/03/2024

Name and code number of the Value added course offered : Project Portfolio management using Oracle Primavera P6

Semester: **Period of Batch:** 4/3/2024 to 11/3/2024

Course Instructors: Mr. Karthikeyan P

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation		✓			
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions	✓				

Student Signature **Staff Co-ordinator** **Dean/Academics**

Ashiq.L

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
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DEPARTMENT OF CIVIL ENGINEERING

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023 - 2024 **Date:** 11.03.2024

Name and code number of the Value added course offered : Project Portfolio management using oracle primavera P6

Semester: **Period of Batch:** 4/3/2024 to 11/3/2024

Course Instructors: Ms Karthikayan P.

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions	✓				

Sreehari

Student Signature **Staff Co-ordinator** **Dean/Academics**

Sreehari - IT

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
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DEPARTMENT OF CIVIL ENGINEERING

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023- 2024 **Date:** 11.03.2024

Name and code number of the Value added course offered : Project Portfolio management using Oracle Primavera P6.

Semester: **Period of Batch:** 4/3/2024 to 11/3/2024

Course Instructors: Mr. Karthikeyan. P

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions	✓				

Student Signature **Staff Co-ordinator** **Dean/Academics**

NIDHUL.P

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

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HICET

TÜVRheinland CERTIFIED

DEPARTMENT OF CIVIL ENGINEERING

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023-2024 **Date:** 11-03-2024

Name and code number of the Value added course offered: : Project Portfolio management using Oracle Primavera P6

Semester: **Period of Batch:** 4-03-2024 to 11-03-2024

Course Instructors: Mr. Karthikeyan. P

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions	✓				

Abishek.P

Student Signature

Abishek.P

Staff Co-ordinator

Dean/Academics

CERTIFICATE OF COMPLETION

Congratulations !

The course you have completed, was designed to meet your learning needs with professional instructors, relevant content, authorized courseware and ongoing evaluation by **EDIFICE.**

AANAND V
Name

PRIMAVERA P6 — 6 Days
Course Title — Course Duration

KARTHIKEYAN P — 04/03/2024 — 11/03/2024
Instructor — Course Starting Date — Course Ending Date

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Training Held at

EDIFICE

CEO

CERTIFICATE OF COMPLETION

Congratulations !

The course you have completed, was designed to meet your learning needs with professional instructors, relevant content, authorized courseware and ongoing evaluation by **EDIFICE.**

BALAJI B
Name

PRIMAVERA P6 — 6 Days
Course Title — Course Duration

KARTHIKEYAN P — 04/03/2024 — 11/03/2024
Instructor — Course Starting Date — Course Ending Date

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
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CEO

CERTIFICATE OF COMPLETION

Congratulations !

The course you have completed, was designed to meet your learning needs with professional instructors, relevant content, authorized courseware and ongoing evaluation by **EDIFICE.**

EDIFICE

KABILAN G
Name

PRIMAVERA P6 — 6 Days
Course Title — Course Duration

KARTHIKEYAN P — 04/03/2024 — 11/03/2024
Instructor — Course Starting Date — Course Ending Date

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Training Held at

CEO

Value Added Course on STAAD.Pro

26th June to 03rd July 2024 (36 Hours)

Department of Civil Engineering

Hindusthan College of Engineering and Technology

Coimbatore-641032

July 2024

About the Programme

This value added course helps to train the students in structural Modeling, Designing and Analysis, Integrated Design and Finite Element Analysis. This course will help the students to familiarize on the analysis and design of different kinds of structures. STAAD.Pro Physical Modeler takes advantage of physical modeling to simplify modeling of a structure, which in turn more accurately reflects the process of building a model. Beams and surfaces are placed in the model on the scale of which they would appear in the physical world.

Aim of the Programme

To be proficient in Bentley STAAD.Pro Software with respect to

1. Modeling of Elements and Structures
2. Analyzing and Designing of structures

Topics to be covered

1. Introduction to STAAD.Pro
2. Structural Modeling
3. Analysis of Simple Elements
4. Analysis of Structures
5. Wind load analysis and Seismic load analysis

Contents

Contents Delivery Plans

Date	Session	Theory/ Practical	Course Instructor	Topic Covered
24.06.2024	FN 09.30 a.m. - 01.05 p.m.	Theory/ Practical	Mr. Poomalai, Assistant Professor	**Introduction to STAAD.Pro:** Starting StaadPro, Creating New file, Opening Existing File, Closing a file, Saving & Saving As, Module Review, STAAD.Pro Screen information and basic tools, Various Unit systems, Basic commands. **Exercise:** Create a STAAD.Pro file in your name and save it. Observe the various commands that are available in it.
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		**Structural Modeling:** Nodes, Beams, Plates, Viewing and Selecting objects, Property specification, Assigning Member and its properties, Loading and it types, Assigning the loading, Load combinations, Analysis of the structure, Post processing the structure, Design. **Exercise:** Model a simple beam and assign properties to it.
25.06.2024	FN 09.30 a.m. – 01.05 p.m.	Theory	Mr. Poomalai, Assistant Professor	**Analysis of Simple Elements:** Analysis and Design of beam, Analysis and Design of Columns, Analysis and Design of slab, Analysis and Design of footing.
	AN 02.10 p.m. – 04.40 p.m.	Practical		**Exercise:** Analysis and Design a Beam, Column, Slab and Footing.
26.06.2024	FN 09.30 a.m. – 01.05 p.m.	Theory	Mr. Poomalai, Assistant Professor	**Analysis of Structures:** Analysis and design of continuous beam with various loading, Analysis and Design of frames, Multistory Frames with various load combinations.
	AN 02.10 p.m. – 04.40 p.m.	Practical		**Exercise:** Analysis and Design a continuous beam with various loading, Analysis and Design Multistory Frames with various loading.
27.06.2024	FN 09.30 a.m. – 01.05 p.m.	Theory	Mr. Poomalai, Assistant Professor	**Wind load analysis and Seismic load analysis:** Wind load analysis on RCC building and Steel Structure, Seismic load analysis on RCC building and Steel Structure.
	AN 02.10 p.m. – 04.40 p.m.	Practical		**Exercise:** Perform wind load analysis and Seismic load analysis on an RCC structure and Steel Structure.
28.06.2024	FN 09.30 a.m. – 01.05 p.m.	Practical	Mr. Poomalai, Assistant Professor	Model, Analyze and Design an Residential Multistory RCC building.
	AN 02.10 p.m. – 04.40 p.m.	Practical		
29.06.2024	FN 09.30 a.m. – 01.05 p.m.	Practical	Mr. Poomalai, Assistant Professor	Model, Analyze and Design an Commercial Steel Structure on your own.
	AN 02.10 p.m. – 04.40 p.m.	Practical		

Domain Experts Talk

Date	Session	Course Instructor	Topic Covered
24.06.2024	FN 09.30 a.m. - 01.05 p.m.	Mr. Poomalai, Assistant Professor	**Introduction to STAAD.Pro:** Starting StaadPro, Creating New file, Opening Existing File, Closing a file, Saving & Saving As, Module Review, STAAD.Pro Screen information and basic tools, Various Unit systems, Basic commands. **Exercise:** Create a STAAD.Pro file in your name and save it. Observe the various commands that are available in it.
	AN 02.10 p.m. – 04.40 p.m.		**Structural Modeling:** Nodes, Beams, Plates, Viewing and Selecting objects, Property specification, Assigning Member and its properties, Loading and it types, Assigning the loading, Load combinations, Analysis of the structure, Post processing the structure, Design. **Exercise:** Model a simple beam and assign properties to it.
25.06.2024	FN 09.30 a.m. – 01.05 p.m.	Mr. Poomalai, Assistant Professor	**Analysis of Simple Elements:** Analysis and Design of beam, Analysis and Design of Columns, Analysis and Design of slab, Analysis and Design of footing.
	AN 02.10 p.m. – 04.40 p.m.		**Exercise:** Analysis and Design a Beam, Column, Slab and Footing.
26.06.2024	FN 09.30 a.m. – 01.05 p.m.	Mr. Poomalai, Assistant Professor	**Analysis of Structures:** Analysis and design of continuous beam with various loading, Analysis and Design of frames, Multistory Frames with various load combinations.
	AN 02.10 p.m. – 04.40 p.m.		**Exercise:** Analysis and Design a continuous beam with various loading, Analysis and Design Multistory Frames with various loading.
27.06.2024	FN 09.30 a.m. – 01.05 p.m.	Mr. Poomalai, Assistant Professor	**Wind load analysis and Seismic load analysis:** Wind load analysis on RCC building and Steel Structure, Seismic load analysis on RCC building and Steel Structure.
	AN 02.10 p.m. – 04.40 p.m.		**Exercise:** Perform wind load analysis and Seismic load analysis on an RCC structure and Steel Structure.
28.06.2024	FN 09.30 a.m. – 01.05 p.m.	Mr. Poomalai, Assistant Professor	Model, Analyze and Design an Residential Multistory RCC building.
	AN 02.10 p.m. – 04.40 p.m.		
29.06.2024	FN 09.30 a.m. – 01.05 p.m.	Mr. Poomalai, Assistant Professor	Model, Analyze and Design an Commercial Steel Structure on your own.
	AN 02.10 p.m. – 04.40 p.m.		

Outcome of the Programme:

On completion of this Value added Program the student will able to

1. Model Members & Elements and assign properties to them
2. Analyze and Design using Bentley STAAD.Pro Software

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE 641 032

DEPARTMENT OF CIVIL ENGINEERING

No.: HICET / Civil / Value Added Course / Even – 2023 - 2024 12.06.2024

CIRCULAR

The Value-Added Course for III Year B.E. Civil Engineering students is planned as per the following schedule:

Year	Batch	Name of the Value Added Course	Duration	Timing
III	2021-2025	Value Added Course on STAAD.Pro	26.06.2024 to 03.07.2024	9.15 am to 4.30 pm

Students are instructed to attend the Value Added course without fail.

Faculty In-charge

12/6/2024

HoD / CIVIL

Copy to:

1. The Principal – for kind information
2. The Dean (Academics) – for kind information
3. III Year Class Advisor and Subject handling Faculty members
4. III Year Civil Engineering Students

Course Code	Name of the Course	Total Instructional Hours : 30
VAP/CE/V	Value Added Course on STAAD.Pro	

Course Objective	To be proficient in Bentley STAAD.Pro Software with respect to 1. Modeling of Elements and Structures 2. Analyzing and Designing of structures

Module No.	Topic Covered
1	**Introduction to STAAD.Pro:** Starting Staad Pro, Creating New file, Opening Existing File, Closing a file, Saving & Saving As, Module Review, STAAD.Pro Screen information and basic tools, Various Unit systems, Basic commands. **Exercise:** Create a STAAD.Pro file in your name and save it. Observe the various commands that are available in it.
2	**Structural Modeling:** Nodes, Beams, Plates, Viewing and Selecting objects, Property specification, Assigning Member and its properties, Loading and it types, Assigning the loading, Load combinations, Analysis of the structure, Post processing the structure, Design. **Exercise:** Model a simple beam and assign properties to it.
3	**Analysis of Simple Elements:** Analysis and Design of beam, Analysis and Design of Columns, Analysis and Design of slab, Analysis and Design of footing. **Exercise:** Analysis and Design a Beam, Column, Slab and Footing.
4	**Analysis of Structures:** Analysis and design of continuous beam with various loading, Analysis and Design of frames, Multistory Frames with various load combinations. **Exercise:** Analysis and Design a continuous beam with various loading, Analysis and Design Multistory Frames with various loading.
5	**Wind load analysis and Seismic load analysis:** Wind load analysis on RCC building and Steel Structure, Seismic load analysis on RCC building and Steel Structure. **Exercise:** Perform wind load analysis and Seismic load analysis on an RCC structure and Steel Structure.
6	**The following list of Projects has to be completed on which Certificate will be provided.** a) Model, Analyze and Design an Residential Multistorey RCC building on your own. b) Model, Analyze and Design an Commercial Steel Structure on your own.

Course Outcome	On completion of this Value added Program the Student will able to 1. Model Members & Elements and assign properties to them 2. Analyze and Design using Bentley STAAD.Pro Software

REFERENCE BOOKS:

R1 - STAAD.Pro V8i for Beginners:With Indian Examples, T. S. Sarma, Notion Press, 2014
R2 - Design of Industrial Steel Buildings Using STAAD.Pro, T. S. Sarma

Chairman-BOS | **Dean-Academics** | **Principal(Chairman - AC)**

Chairman - BOS
CIVIL - HiCET

Dean (Academics)
HiCET

PRINCIPAL
Hindusthan College of Engineering and Technology
COIMBATORE - 641 032.

Hindusthan College of Engineering and Technology

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(An Autonomous Institution, Affiliated to Anna University, Chennai)
Coimbatore – 641 032.

DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE ON STAAD.Pro

SCHEDULE

Class: III Year B.E Civil Engineering
Semester: VI

Batch: 2021-2025
Academic Year: 2023-2024

Date	Session	Theory/ Practical	Course Instructor	Topic Covered
24.06.2024	FN 09.30 a.m. - 01.05 p.m.	Theory/ Practical	Mr. Poomalai, Assistant Professor	**Introduction to STAAD.Pro:** Starting StaadPro, Creating New file, Opening Existing File, Closing a file, Saving & Saving As, Module Review, STAAD.Pro Screen information and basic tools, Various Unit systems, Basic commands. **Exercise:** Create a STAAD.Pro file in your name and save it. Observe the various commands that are available in it.
	AN 02.10 p.m. – 04.40 p.m.	Theory/ Practical		**Structural Modeling:** Nodes, Beams, Plates, Viewing and Selecting objects, Property specification, Assigning Member and its properties, Loading and it types, Assigning the loading, Load combinations, Analysis of the structure, Post processing the structure, Design. **Exercise:** Model a simple beam and assign properties to it.
25.06.2024	FN 09.30 a.m. – 01.05 p.m.	Theory	Mr. Poomalai, Assistant Professor	**Analysis of Simple Elements:** Analysis and Design of beam, Analysis and Design of Columns, Analysis and Design of slab, Analysis and Design of footing.
	AN 02.10 p.m. – 04.40 p.m.	Practical		**Exercise:** Analysis and Design a Beam, Column, Slab and Footing.
26.06.2024	FN 09.30 a.m. – 01.05 p.m.	Theory	Mr. Poomalai, Assistant Professor	**Analysis of Structures:** Analysis and design of continuous beam with various loading, Analysis and Design of frames, Multistory Frames with various load combinations.
	AN 02.10 p.m. – 04.40 p.m.	Practical		**Exercise:** Analysis and Design a continuous beam with various loading, Analysis and Design Multistory Frames with various loading.
27.06.2024	FN 09.30 a.m. – 01.05 p.m.	Theory	Mr. Poomalai, Assistant Professor	**Wind load analysis and Seismic load analysis:** Wind load analysis on RCC building and Steel Structure, Seismic load analysis on RCC building and Steel Structure.
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29.06.2024	FN 09.30 a.m. – 01.05 p.m.	Practical	Mr. Poomalai, Assistant Professor	Model, Analyze and Design an Commercial Steel Structure on your own.
	AN 02.10 p.m. – 04.40 p.m.	Practical		

COORDINATOR HOD DEAN-ACADEMICS PRINCIPAL

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE 641 032
DEPARTMENT OF CIVIL ENGINEERING
VALUE ADDED COURSE ON STAAD.Pro - ATTENDANCE STATEMENT

Class : III Year Civil Engineering
Semester : VI

Batch : 2021 - 2025
Academic Year : 2023 - 2024

S. No.	Register No.	Name of the Student	26.06.2024	26.06.2024	27.06.2024	27.06.2024	28.06.2024	28.06.2024	29.06.2024	29.06.2024	01.07.2024	01.07.2024	02.07.2024	02.07.2024
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720721103001	Abdulla S												
2	720721103002	Agni Mari Muthu T												
3	720721103003	Ajaykumar R												
4	720721103004	Alan Mathew Shibu												
5	720721103005	Ali Rihan Nelliparamban												
6	720721103006	Arun K												
7	720721103007	Arunkumar S												
8	720721103008	Ashwinkumar S												
9	720721103009	Askarali A												
10	720721103010	Athithya V	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	720721103011	Bahadoor Badhusha A												
12	720721103012	Balaji S												
13	720721103013	Bharath K												
14	720721103014	Bharath S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15	720721103015	Chethass Deep P												
16	720721103016	Devan Raj G												
17	720721103017	Dinesh Kumar V												
18	720721103018	Gopinath S												
19	720721103019	Hareesh K G												
20	720721103020	Hariharan K												
21	720721103021	Jeno Leona Shahar P												
22	720721103022	Jeyavignesh V	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
23	720721103023	Karthick S												
24	720721103024	Kishore Kumar K												

S. No.	Register No.	Name of the Student	26.06.2024	26.06.2024	27.06.2024	27.06.2024	28.06.2024	28.06.2024	29.06.2024	29.06.2024	01.07.2024	01.07.2024	02.07.2024	02.07.2024
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
25	720721103025	Kishore Kumar S												
26	720721103026	Logeswaran S												
27	720721103028	Madhan R												
28	720721103030	Manojkumar B												
29	720721103031	Mohammed Aashik S												
30	720721103032	Muhammed Ashkar												
31	720721103033	Muhammed Zidhin V P												
32	720721103034	Muthaiya K												
33	720721103035	Nadiya Nusrath N												
34	720721103036	Naorem Rohit Singh												
35	720721103037	Naveenkumar P												
36	720721103038	Nithish S												
37	720721103039	Nithishkumar A	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
38	720721103040	Nivas M												
39	720721103041	Parkavi R												
40	720721103042	Puvibharath S												
41	720721103043	Ragulprabhu I												
42	720721103044	Rakesh Krishna A												
43	720721103045	Rathan N												
44	720721103046	Rayappan B												
45	720721103047	Riyan Mohammed A												
46	720721103048	Ruthran R												
47	720721103049	Sabari Kannan R`												
48	720721103050	Sabarigiri A												
49	720721103051	Sakthiprakash V												
50	720721103052	Sanjay B												
51	720721103053	Santosh M												
52	720721103054	Sarathraj G												
53	720721103055	Satheesh T												
54	720721103056	Siva Raman T												

S. No.	Register No.	Name of the Student	26.06.2024	26.06.2024	27.06.2024	27.06.2024	28.06.2024	28.06.2024	29.06.2024	29.06.2024	01.07.2024	01.07.2024	02.07.2024	02.07.2024
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
55	720721103057	Soja Saji												
56	720721103058	Sumankumar M												
57	720721103060	Veeramuthu R												
58	720721103061	Vighash P												
59	720721103062	Vignesh R												
60	720721103063	Vijay M												
61	720721103801	Dineshkumar S												
62	720721103802	Janarthanan S												
63	720721103803	Jegadeeshwaran R												
64	720721103804	Santhosh Kumar J												
65	720721103805	Yeswanth M												
66	720721103806	Moovendran M												
		No. of Student Present	62	62	62	62	62	62	62	62	62	62	62	62
		No. of Student Absent	4	4	4	4	4	4	4	4	4	4	4	4
		Signature of the Faculty												

HoD/CIVIL

3/07

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE - 641032

DEPARTMENT OF CIVIL ENGINEERING

List of Students who have enrolled and completed Value Added Course on STAAD.Pro

(26.06.2024 to 02.07.2024)

Class: III B.E Civil Engineering **Batch: 2021 - 2025**

Semester: VI **Academic Year: 2023 - 2024**

S. No.	Register No.	Name of the Student
1	720721103001	Abdulla S
2	720721103002	Agni Mari Muthu T
3	720721103003	Ajaykumar R
4	720721103004	Alan Mathew Shibu
5	720721103005	Ali Rihan Nelliparamban
6	720721103006	Arun K
7	720721103007	Arunkumar S
8	720721103008	Ashwinkumar S
9	720721103009	Askarali A
10	720721103011	Bahadoor Badhusha A
11	720721103012	Balaji S
12	720721103013	Bharath K
13	720721103015	Chethass Deep P
14	720721103016	Devan Raj G
15	720721103017	Dinesh Kumar V
16	720721103018	Gopinath S
17	720721103019	Hareesh K G
18	720721103020	Hariharan K
19	720721103021	Jeno Leona Shahar P
20	720721103023	Karthick S
21	720721103024	Kishore Kumar K
22	720721103025	Kishore Kumar S
23	720721103026	Logeswaran S
24	720721103028	Madhan R
25	720721103030	Manojkumar B
26	720721103031	Mohammed Aashik S
27	720721103032	Muhammed Ashkar
28	720721103033	Muhammed Zidhin V P
29	720721103034	Muthaiya K
30	720721103035	Nadiya Nusrath N
31	720721103036	Naorem Rohit Singh
32	720721103037	Naveenkumar P
33	720721103038	Nithish S

S. No.	Register No.	Name of the Student
34	720721103040	Nivas M
35	720721103041	Parkavi R
36	720721103042	Puvibharath S
37	720721103043	Ragulprabhu I
38	720721103044	Rakesh Krishna A
39	720721103045	Rathan N
40	720721103046	Rayappan B
41	720721103047	Riyan Mohammed A
42	720721103048	Ruthran R
43	720721103049	Sabari Kannan R`
44	720721103050	Sabarigiri A
45	720721103051	Sakthiprakash V
46	720721103052	Sanjay B
47	720721103053	Santosh M
48	720721103054	Sarathraj G
49	720721103055	Satheesh T
50	720721103056	Siva Raman T
51	720721103057	Soja Saji
52	720721103058	Sumankumar M
53	720721103060	Veeramuthu R
54	720721103061	Vighash P
55	720721103062	Vignesh R
56	720721103063	Vijay M
57	720721103801	Dineshkumar S
58	720721103802	Janarthanan S
59	720721103803	Jegadeeshwaran R
60	720721103804	Santhosh Kumar J
61	720721103805	Yeswanth M
62	720721103806	Moovendran M

CLASS INCHARGE

HOD / CIVIL

HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST
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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023 - 2024 **Date:** 02/07/24

Name and code number of the Value added course offered : VALUE ADDED COURSE ON STAAD PRO

Semester: VI **Period of Batch:** 26/06/24 to 02/07/24

Course Instructor: BALA SAKTHIVEL.S

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher		✓			
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention		✓			
8	Outcome	✓				
9	Other suggestions	✓				

Student Signature **Staff Co-ordinator** **Dean/Academics**

NADIYA NUSRATH.N

720721103035

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023 - 2024 **Date:** 02.07.2024

Name and code number of the Value added course offered : Value Added Course on STAAD. Pro

Semester: VI th **Period of Batch:** 26.06.24 to 02.07.24

Course Instructor: Bala Sakthivel.S

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher		✓			
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions		✓			

Student Signature **Staff Co-ordinator** **Dean/Academics**

Parkavi R

720721103041

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023 – 2024 **Date:** 02/7/24.

Name and code number of the Value added course offered : VALUE ADDED COURSE ON STAAD PRO

Semester: VI **Period of Batch:** 26/06/24 to 02/07/24

Course Instructor: BALA SAKTHIVEL S

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation		✓			
4	Regularity and punctuality of teacher		✓			
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions			✓		

Student Signature **Staff Co-ordinator** **Dean/Academics**

SARATHRAJ. G.

720721103054.

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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2023-2024 **Date:** 02.07.2024

Name and code number of the Value added course offered : Value Added course on STAAD.Pro

Semester: VI th **Period of Batch:** 26.06.24 to 02.7.24

Course Instructor: Bala . Sakthivel.S.

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation		✓			
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus		✓			
6	Interaction	✓				
7	Individual attention		✓			
8	Outcome	✓				
9	Other suggestions			✓		

S.Balaji
Student Signature

Staff Co-ordinator

Dean/Academics

Balaji.S
720721103012.

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Coimbatore - 641 032

DEPARTMENT OF CIVIL ENGINEERING

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Civil Engineering

Academic year: 2024 **Date:** 2/7/24.

Name and code number of the Value added course offered : STAADPro

Semester: **Period of Batch:** 2021-2025

Course Instructors: Bala Saktivel

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓	✓			
6	Interaction	✓				
7	Individual attention		✓			
8	Outcome	✓				
9	Other suggestions	✓				

Student Signature **Staff Co-ordinator** **Dean/Academics**

WALFLOWER DESIGNS

CERTIFICATE OF
COMPLETION

Madhan R

NAME

STAAD.Pro	STAAD.Pro 2022	36 HOURS
COURSE TITLE	PRODUCT	COURSE DURATION
BALA SAKTHIVEL	26-06-2024	02-07-2024
INSTRUCTOR	COURSE START DATE	COURSE END DATE

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

TRAINING HELD AT

INSTRUCTOR

M.D

WALFLOWER DESIGNS

CERTIFICATE OF
COMPLETION

Dineshkumar S

NAME

STAAD.Pro	STAAD.Pro 2022	36 HOURS
COURSE TITLE	PRODUCT	COURSE DURATION
BALA SAKTHIVEL	26-06-2024	02-07-2024
INSTRUCTOR	COURSE START DATE	COURSE END DATE

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

TRAINING HELD AT

INSTRUCTOR

M.D

WALFLOWER DESIGNS

CERTIFICATE OF
COMPLETION

Arun K

NAME

STAAD.Pro	STAAD.Pro 2022	36 HOURS
COURSE TITLE	PRODUCT	COURSE DURATION
BALA SAKTHIVEL	26-06-2024	02-07-2024
INSTRUCTOR	COURSE START DATE	COURSE END DATE

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

TRAINING HELD AT

INSTRUCTOR

M.D

Department of Food Technology

List of Value Added Courses offered in the academic year 20233-2024

Name of the value-added courses (with 30 or more contact hours) offered	Course Code, if any	No. of times offered during the year	Duration of course (in hours)	Number of students enrolled during the year
Design and formulation of foods	-	Once	45	65
Skill development in sensory assessment technique	-	Once	45	44
Introduction to Food Technology	-	Once	35	60
Food colours and flavour technology	-	Once	35	60
Waste management in food industries	-	Once	38	44

HOD
Dr. G. JEEVARAHINAM, Ph.D.
Associate Professor & Head,
Department of Food Technology,
Hindusthan College of Engineering & Technology,
Coimbatore 641032.

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Coimbatore – 641 032

DEPARTMENT OF FOOD TECHNOLOGY

28.01.2024

This is to inform that a Value-added course (VAC) on **"Food Colors and Flavour Technology"** will be conducted for IInd year Food Technology students (2022-2026 Batch) from 30.01.2024 to 05.02.2024 via offline mode. Attendance percentage is mandatory. Hence, all the students are asked to attend the VAC.

Head of the department

Food Technology

Dr. G. JEEVARATHINAM, Ph.D.
Associate Professor & Head,
Department of Food Technology,
Hindusthan College of Engineering & Technology,
Coimbatore 641032

File

1. Dean office
2. Department File
3. To all faculties

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DEPARTMENT OF FOOD TECHNOLOGY

Food Colours and Flavour Technology

30th January to February 5, 2024

ABOUT THE PROGRAMME

Over the years, the food processing industry has been heavily regulated with regulatory scrutiny focused primarily on the quality and safety of food that is served to the consumer. Recently, the industry has adopted strategies and achieved progressin improving environmental performance through waste minimization, which in turnhas contributed to increase in production efficiency. The given value added course iswelldesignedwithbasicconceptsofunderstandingwastecharacterizationandmanagementmethods.

AIM OF THE PROGRAMME

Food colors and flavorants are crucial in the food industry for several reasons. Firstly, they enhance the sensory appeal of food, making it more attractive and appetizing to consumers. Visually appealing food can influence perceptions of taste and quality, thus increasing consumer satisfaction and marketability.Secondly, food colors help in product identification and differentiation. They enable consumers to distinguish between different flavors and types of products, aiding brand recognition and loyalty. Flavorants, on the other hand, are essential for replicating and intensifying natural flavors, ensuring consistent taste experiences, and compensating for any loss of flavor during processing.Moreover, both food colors and flavorants can play a role in masking undesirable tastes and odors, improving the overall palatability of food products. They also contribute to the perceived freshness and quality of food, which is vital for consumer acceptance.In summary, food colors and flavorants are integral to the food industry, enhancing visual appeal, taste, and overall consumer experience, thus driving product success in the market.

Programme	Name of the Course
B.E/B.Tech	FOOD COLORS AND FLAVOR TECHNOLOGY

COURSE OBJECTIVES

- To analyse different food colors and application in food formulations
- To understand different food flavors and its applications
- To know the quality control techniques and regulations involved in colors and flavors

Unit No	Heading	Subheading	Hours
1	Food Colours	➢ Introduction, Natural and Synthetic food Colors, Labeling requirements for food containing ➢ Color additives, Adulteration and misbranding of color additives in foods	6
2	Properties and Analysis of Food Colours	➢ Food colour stability, Importance of food colors for food products, Methods of analysis for food color ➢ Quality and safety assessment - Applications of natural and synthetic food colors	6
3	Food Flavours	➢ Introduction to Flavors and Applications and Recent Development ➢ Classification of flavor forms, spray dried flavors, commercial considerations ➢ Effects of storage, processing, transportation and environmental conditions on flavor components/constituents.	8
4	Food Flavor: Applications and Recent Development	➢ Culinary and Meat Products, bakery products, snack foods, sugar based confectionary products, dairy products and soft	8

		drinks ➢ Recent developments in flavour research, processing and technology	
5	Food Flavor: Quality Control	➢ Natural flavor enhancers for food and beverage, Quality Control - analytical, sensory and adulteration testing. ➢ Measurement of flavour, particularly for wine, tea, coffee, species and condiments.	7
		Total Contact Hours	35
COURSE OUTCOME (Cos)	1. Identify the synthetic and natural colors and its regulations 2. Evaluate the properties and the importance of colors in food industry 3. Classify the food flavours and its stability 4. Determine the recent developments of application of flavor in food industry 5. Analyze the methods of estimation of colors and flavors in foods		
Reference (s)	1. Spices and Flavor Technology. J.S. Pruthi, ICAR Publications, 2nd Edition, 1998 2. Fenaroli, G, Handbook of flavour ingredients, CRC Press. Bota Rica, New York, 2005 3. Yamanishi, T, Recent advances in flavour researches, Dekker, New York, 2005 4. Andrew J. Taylor and Robert S. T. Linforth, Food Flavour Technology, Blackwell Publishing Ltd, 2010. 5. Suvendu Bhattacharya, Conventional and Advanced Food Processing Technologies, Wiley Publishers, 2015 6. Heath, HB, Flavour chemistry and technology, CBS Publ., New Delhi, 2005.		

Chairman, Board of Studies

Chairman - BoS,
FT - HiCET

Principal/ Dean - Academics

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DEPARTMENT OF FOOD TECHNOLOGY

VALUE ADDED COURSE SCHEDULE

ACADEMIC YEAR 2023-2024

Class: II YEAR/ IV SEM

COURSE: FOOD COLORS AND FLAVORS TECHNOLOGY

CLASS	DATE	SESSION	FACULTY	CONTENT
II FT	30.01.2024	FN	Dr. Navarasam R	Introduction, Natural and Synthetic food Colors, Labeling requirements for food containing
		AN	Mr. Dillwyn S	Color additives, Adulteration and misbranding of color additives in foods
	31.01.2024	FN	Dr. Navarasam R	Food colour stability, Importance of food colors for food products,
		AN	Ms. Nivetha T	Methods of analysis for food color
	01.02.2024	FN	Mr. Dillwyn S	Quality and safety assessment - Applications of natural and synthetic food colors
		AN	Dr. Shivani Indumathi A	Introduction to Flavors and Applications and Recent Development,
	02.02.2024	FN	Dr. Deepa J	Classification of flavor forms, spray dried flavors, commercial considerations,
		AN	Mr. Dillwyn S	Effects of storage, processing, transportation and environmentalconditions on flavorcomponents/constituents,
	03.02.2024	FN	Dr. Deepa J	Culinary and Meat Products, bakery products, snack foods, sugar based confectionary products, dairy products and soft drinks
		AN	Mr. Charan Adithya S	Recent developments in flavour research, processing and technology
	05.02.2024	FN	Dr. Shivani Indumathi A	Natural flavor enhancers for food and beverage, Quality Control-analytical, sensory and adulteration testing.
		AN	Dr. Navarasam R	Measurement of flavors, particularly for wine, tea, coffee ,species and condiments

HOD/FT

Dr. G. JEEVARATHINAM, M.Sc., Ph.D.,
Associate Professor & Head,
Department of Food Technology,
Hindusthan College of Engineering & Technology,
Coimbatore 641032.

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DEPARTMENT OF FOOD TECHNOLOGY

(BATCH: 2022-2026) – Registered Students Name list

SI.NO	Register Number	Name
1	720722113001	AASIQ AHAMED J
2	720722113002	ADITHYAN A
3	720722113003	ADWAITH S RAMESH
4	720722113004	AKASH S NATH
5	720722113005	ALAN SKARIA
6	720722113006	ANJANA CB
7	720722113007	ANJANA TM
8	720722113008	ANN MARIA BAVA
9	720722113010	BHUVANA K
10	720722113011	BHUVANAA SHREE P
11	720722113012	BHUVANESHWARI R
12	720722113013	BIRUNDHA T
13	720722113014	DHAMODHARAN M
14	720722113015	DHARSHINI G P
15	720722113016	FATHIMA ALHUDA
16	720722113017	FATHIMA SHAJA M
17	720722113018	HAFSA P A
18	720722113019	HAJAN B
19	720722113020	HARIHARAN R
20	720722113021	HARIHARAN S
21	720722113022	JANANI B
22	720722113023	JANANI S
23	720722113024	JASIN N
24	720722113025	JAWAHAR H
25	720722113026	JEMIMA ANGEL J
26	720722113027	KAVIN M
27	720722113028	KEERTHANA S
28	720722113029	LIYA MARIA JOSEPH
29	720722113030	MALESHKRISHNAN P
30	720722113031	MOHAMED AFIDH BABU
31	720722113032	MOHAMED MIRSHAN B P
32	720722113033	MOHAMED SADHUR ZINAAN S
33	720722113034	MOHAMMED ASHIK M V
34	720722113035	MOHAMMED FADIL A V
35	720722113036	MOHAMMED FAHEEM
36	720722113037	MOHAMMED FARSAN
37	720722113038	MONIKA B
38	720722113039	T M MUHAMMED JASIL
39	720722113040	MUHAMMED SHAN T N
40	720722113041	NITHARSHANA V G
41	720722113042	RAGAV H A
42	720722113043	RAHUL R
43	720722113044	RICHARD A
44	720722113045	RISHINATH J

45	720722113046	SANIYA S
46	720722113047	SANTHOSH KUMAR S
47	720722113048	SHARMISTHA S
48	720722113049	SOWMIYA S
49	720722113050	SRUTHIKA A
50	720722113051	SURIYARAJ A P
51	720722113052	SUTHISHA G
52	720722113053	THABIBAMAASS R
53	720722113054	UMA MAHESHWARI G
54	720722113055	UTHRA S
55	720722113056	K VARUN RAJ
56	720722113057	VASANTH A
57	720722113058	VISHWA S
58	720722113059	VISMAYA K S
59	720722113060	VYAKTHA A P
60	720722113061	YOGAPRIYA M

Course Coordinator

Head of the Department

Dr. G. JEEVARATHINAM, Ph.D.
Associate Professor & Head,
Department of Food Technology,
Hindusthan College of Engineering & Technology,
Coimbatore 641032.

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VALUE ADDED COURSE

BRANCH : B.Tech Food Technology
Batch : 2 2022-2026

Food Colors and Flavour Technology

Attendance Report :30.01.2024-05.02.2024

FN Session : 9.30 am - 12.30 pm
AN Session : 1.30 pm - 4.30 pm

Sl.No	Register Number	Name of the Student	30.01.2024		31.01.2024		01.02.2024		02.02.2024		03.02.2024		05.02.2024		Attendance Percentage
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
1	720722113001	AASIQ AHAMED J													97
2	720722113002	ADITHYAN A													97
3	720722113003	ADWAITH S RAMESH													100
4	720722113004	AKASH S NATH													97
5	720722113005	ALAN SKARIA													100
6	720722113006	ANJANA CB													100
7	720722113007	ANJANA TM													97
8	720722113008	ANN MARIA BAVA													100
9	720722113010	BHUVANA K													100
10	720722113011	BHUVANAA SHREE P													100
11	720722113012	BHUVANESHWARI R													100
12	720722113013	BIRUNDHA T													100
13	720722113014	DHAMODHARAN M													100
14	720722113015	DHARSHINI G P													100
15	720722113016	FATHIMA ALHUDA													100
16	720722113017	FATHIMA SHAJA M													94
17	720722113018	HAFSA P A													100
18	720722113019	HAJAN B													100
19	720722113020	HARIHARAN R													97
20	720722113021	HARIHARAN S													97
21	720722113022	JANANI B													100
22	720722113023	JANANI S													97

23	720722113024	JASIN N													100
24	720722113025	JAWAHAR H													97
25	720722113026	JEMIMA ANGEL J													100
26	720722113027	KAVIN M													100
27	720722113028	KEERTHANA S													97
28	720722113029	LIYA MARIA JOSEPH													100
29	720722113030	MALESHKRISHNAN P													100
30	720722113031	MOHAMED AFIDH BABU													97
31	720722113032	MOHAMED MIRSHAN B P													94
32	720722113033	MOHAMED SADHUR ZINAAN S													97
33	720722113034	MOHAMMED ASHIK M V													100
34	720722113035	MOHAMMED FADIL A V													100
35	720722113036	MOHAMMED FAHEEM													97
36	720722113037	MOHAMMED FARSAN													100
37	720722113038	MONIKA B													100
38	720722113039	T M MUHAMMED JASIL													100
39	720722113040	MUHAMMED SHAN T N													100
40	720722113041	NITHARSHANA V G													97
41	720722113042	RAGAV H A													97
42	720722113043	RAHUL R													100
43	720722113044	RICHARD A													100
44	720722113045	RISHINATH J													97
45	720722113046	SANIYA S													100
46	720722113047	SANTHOSH KUMAR S													100
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48	720722113049	SOWMIYA S													100
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50	720722113051	SURIYARAJ A P													100
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52	720722113053	THABIBAMAASS R													100
53	720722113054	UMA MAHESHWARI G													100
54	720722113055	UTHRA S													100
55	720722113056	K VARUN RAJ													100
56	720722113057	VASANTH A													100
57	720722113058	VISHWA S													100
58	720722113059	VISMAYA K S													100

59	720722113060	VYAKTHA A P														100
60	720722113061	YOGAPRIYA M														100

COURSE COORDINATOR

HOD

Dr. G. JEEVARATHINAM, Ph.D.
Associate Professor & Head,
Department of Biotechnology,
Hindusthan College of Engineering & Technology,
Coimbatore 641032.

Hindusthan College of Engineering and Technology

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Othakalmandabam Post, Coimbatore – 641 032

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Food Technology

Academic year: 2023-2024 **Date:** 06/02/2024

Name and code number of the Value added course offered : Food colors and Flavour Technology

Semester: IV **Period of Batch:** 2022-2026

Staff Co-ordinator: Dr. R. Navarasam

STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content		✓			
2	Skill development		✓			
3	Motivation	✓				
4	Regularity and punctuality of teacher		✓			
5	Coverage of syllabus			✓		
6	Interaction	✓				
7	Individual attention		✓			
8	Outcome		✓			
9	Other suggestions					

Student Signature

Staff Co-ordinator

HOD

Dr. G. JEEVARATHINAM, Ph.D.
Associate Professor & Head,
Department of Food Technology,
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Coimbatore 641032.

HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST

HICET

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

VALLEY CAMPUS, POLLACHI HIGHWAY
COIMBATORE-641032

DEPARTMENT OF FOOD TECHNOLOGY

VALUE ADDED COURSE

This is to certify that

BHUVANA SHREE P[720722113011] of II Year Food Technology

has successfully completed the course **Skill Development in FOOD COLORS AND FLAVOUR TECHNOLOGY** from 30/01/2024 to 05/02/2024 forthe period of 35 hours during the EVEN semester of the academic year 2023 - 2024

HOD

DEAN – ACADEMICS

PRINCIPAL

Details of value-added courses for imparting transferable and life skills offered during the year 2023- 2024.

Name of the value-added courses (with 30 or more contact hours) offered	**Course Code, if any**	**No. of times offered during the year**	**Duration of course (in hours)**	**Number of students enrolled during the year**	**1.3.3 Number of students who completed the course during the year**
Industrial Automation and control	nil	**1**	**35**	**130**	**130**
ARDUINO based Embedded System Design	nil	**1**	**35**	**130**	**130**
Modeling Software Using Solid Works & Product Development Using 3D Printer	nil	**1**	**35**	**125**	**125**
Robotics and Automation	nil	**1**	**35**	**117**	**117**

VAC Co-ordinator

HoD/MCT