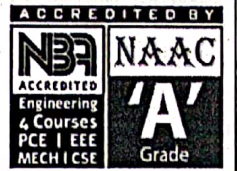




**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE – 641105**



DEPARTMENT OF BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING

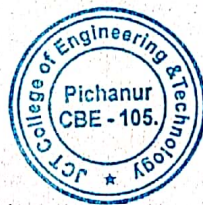
20.04.2022

CIRCULAR

We are planning to conduct a Five days Value Added Course on “Azolla Farming ” from 25.04.2022 to 30.04.2022 in our department. So we are requesting you all to participate this VAC and update your technical knowledge.

(Dr.G.Gnanavel)

HoD



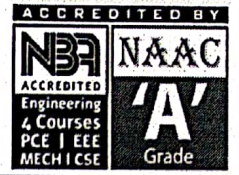
Circulation to:

To be displayed on notice board

PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE – 641105**



DEPARTMENT OF BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING

10.04.2022

From

Dr.G.Gnanavel,
Professor
Department of Biotechnology and Biochemical Engineering,
JCT College of Engineering and Technology
Coimbatore-641 105

To

The Scientific Officer,
Vyten Biotech LLP,
Coimbatore

Dear Sir,

Sub: Requesting for Allotting a Certificate course Trainer – Reg...

We would like to bring to your kind notice, that we the department of Food Technology is in need of a certificate course trainer from your company for “Azolla farming”. The trainer will be handling classes for the 1st, 2nd BTBCE students during from 25.04.2022 to 30.04.2022 (5 Days). So I request you to give permission for the above at the earliest.

Thanking you

Yours sincerely



(Dr.G.Gnanavel)

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Viyen Biotech LLP
5.42,AKS Nagar,Rakkipalayam,Coimbatore-641031,Tamilnadu
9843925312 contactviyen@gmail.com

23.4.2022

To
The Head of the Department
Department of Biotechnology and Biochemical Engineering,
JCT College of Engineering and Technology,
Coimbaore-641 105

Dear Sir/Madam,

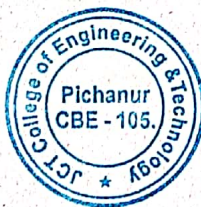
Subject: Allocation of Trainer – Reg...

Here by I accept your request, I will allot the staff member for “Azolla farming”. He/She will complete the course with stipulated time.

Thanking you

Yours

(Viyen Biotech,Coimbatore)



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DEPARTMENT OF BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING

Program schedule: Azolla Production

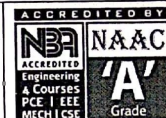
Day 1	Historical development of azolla production; economic importance of Azolla
Day 2	Azolla as biofertilizer, nutritional value and composition of Azolla sp. Pit preparation for azolla cultivation
Day 3	Mass cultivation azolla, requirements for the growth of Azolla factors affecting Azolla growth
Day 4	Composition of media for azolla production, types of Azolla sp
Day 5	Production of Azolla in small scale. Harvesting, marketing and its in Azolla



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Value Added Course: Azolla Farming 25.4.2022 – 30.4.2022

S.NO	REG. NO.	NAME OF THE STUDENT	25.4.2022						26.4.2022						27.4.2022						28.4.2022				29.4.2022				30.4.2022			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	720920210001	AISWARYA A P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	720920210002	AKHILA A P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	720920210003	ANANTHAKRISHNA S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	720920210004	ATHIRA V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	720920210005	JEYAPAL B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	720920210006	KAMESH M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	720920210007	MUHAMMED SAFVAN K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	720920210008	NANDHANA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	720920210009	PRIYADHARSHINI K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	720920210010	SREELAKSHMI M S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	720920210011	SRIKANTH V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/



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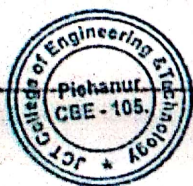
DEPARTMENT OF BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING

VALUE ADDED COURSE COMPLETION CERTIFICATE

This certificate is proudly presents to **...AISWARYA A P ...** , II year **Biotechnology**
and Biochemical Engineering... attending "Value Added Course : Azolla Farming " from April
25th—April 30,2022

→

HoD



Principal

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE-641105



DEPARTMENT OF BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING

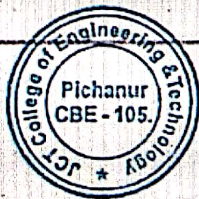
VALUE ADDED COURSE COMPLETION CERTIFICATE

This certificate is proudly presents to ...AKHILA A P..... , II year Biotechnology
and Biochemical Engineering... attending "Value Added Course : Azolla Farming " from April

25th—April 30,2022

HoD

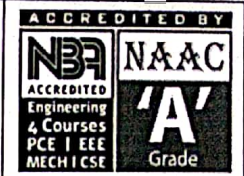
Principal



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PICHANUR, COIMBATORE – 641105**

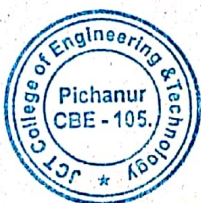


Report on - Value Added Course: Azolla Farming 25.4.2022 – 30.4.2022

The department of Biotechnology and Biochemical Engineering organized a value added course on Azolla Farming from 25th April to 30th April 2022. The resource person for this program was Dr.Ranjith Jumar.R,Viyen Biotech LLP,Coimbatore. The program started with welcome address by Ms.Kohila.R, Assistant Professor. The felicitation address was given by Dr.D.Manoharan,Principal,JCT College of Engineering and Technology. The introduction about the chief guest was given by Akhila A P.,2nd Year Biotechnology and Biochemical Engineering. The chief guest gave an introduction about the milling technology and the concepts.

We learned a lot from the 5 days program and we were satisfied with the answers from the resource person. Ananthakrishna S,2nd year Biotechnology and Biochemical Engineering conclude with a vote of thanks.

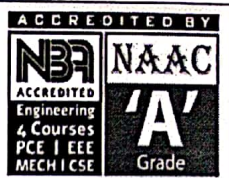
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Feed Back Form - Value Added Course:

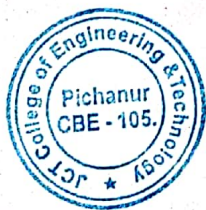
Azolla Farming 25.4.2022 – 30.4.2022

Name: Arun - AP

Class: 2nd BTBCE

Questionnaires	Score card				
	Strongly agree (5)	Agree (4)	Neither agree nor disagree (2.5)	Disagree (1)	Strongly disagree (0)
I found the event useful		✓			
I found the content easy to understand	✓				
The session was relevant to my area of study		✓			
Was the facilitator able to explain the topic in a way understood?		✓			
How will you rate the overall experience?		✓			

Any suggestion (optional) ?

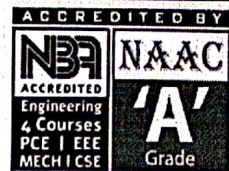


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Feed Back Form - Value Added Course:

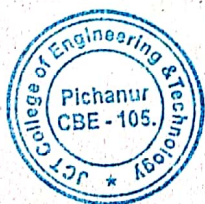
Azolla Farming 25.4.2022 – 30.4.2022

Name: AISWARYA AP

Class: 2nd BTBCE

Questionnaires	Score card				
	Strongly agree (5)	Agree (4)	Neither agree nor disagree (2.5)	Disagree (1)	Strongly disagree (0)
I found the event useful	✓				
I found the content easy to understand	✓				
The session was relevant to my area of study		✓			
Was the facilitator able to explain the topic in a way understood?	✓				
How will you rate the overall experience?	✓				

Any suggestion (optional) ?



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JCT College of Engineering and Technology
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HOD



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE – 641105

03/12/2021

From

Head of the Department,
Department of Civil Engineering,
JCT College of Engineering and Technology,
Coimbatore – 641105.

To

The Principal
JCT College of Engineering and Technology,
Coimbatore – 641105.

Respected Sir,

Sub : Requesting permission for conducting course on AUTO CAD - Reg.

In our Civil Engineering department, we are planned to conduct the course on AUTO CAD software for our third year third semester civil engineering students during the semester holidays between during 20/12/2021 to 24/12/2021. Hence I request you to kindly provide the permission for conducting the above course successfully.

Thanking you,

Yours truly,

(Kumar.A)
PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

02/03/2022

From

Head of the Department,
Department of Civil Engineering,
JCT College of Engineering and Technology,
Coimbatore - 641105.

To

The Principal
JCT College of Engineering and Technology,
Coimbatore - 641105.

per m: hoo
5/5/22

Respected Sir,

Sub : Requesting permission for conducting course on Building Information Modelling - Reg.

In our Civil Engineering department, we are planned to conduct the course on BUILDING INFORMATION MODELLING software for our third year fifth semester civil engineering students during the semester holidays between 21/03/2022 to 25/03/2022. Hence I request you to kindly provide the permission for conducting the above course successfully.

Thanking you,

Yours truly,

(Kumar.A)

02/03/2022

From

Head of the Department,
Department of Civil Engineering,
JCT College of Engineering and Technology,
Coimbatore – 641105.

To

The Principal
JCT College of Engineering and Technology,
Coimbatore – 641105.

Permitted
56 24/3/22

Respected Sir,

Sub : Requesting permission for conducting course on Hands On Survey Total
Station - Reg.

In our Civil Engineering department, we are planned to conduct the course on HANDS ON SURVEY TOTAL STATION software for our third year seventh semester civil engineering students during the semester holidays between during 21/03/2022 to 25/03/2022. Hence I request you to kindly provide the permission for conducting the above course successfully.

Thanking you,

Yours truly,


(Kumar.A)

**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY,
PICHANUR. COIMBATORE
BUILDING INFORMATION MODELLING**

S.No	REG NO	Name of the student	DAY 1		DAY 2		DAY 3		DAY 4		DAY 5	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720919103002	ANAGHA KP	P	P	P	P	P	P	P	P	P	P
2	720919103004	BHAGYA S	P	P	P	P	P	P	P	P	P	P
3	720919103006	NITHISHKUMAR J	P	P	AB	AB	AB	AB	P	P	P	P
4	720919103007	RAJAGOPAL T	P	P	P	P	P	P	P	P	P	P
5	720919103008	VISHNU MAYA KP	P	P	P	P	P	P	P	P	P	P
6	720919103009	VISHWA A	P	P	P	P	P	P	P	P	P	P
7	720919103301	EFAKKIL M	P	P	P	P	P	P	P	P	P	P
8	720919103302	GODWIN PETER	P	P	P	P	P	P	P	P	P	P
9	720919103303	KAPIL S	P	P	P	P	P	P	P	P	P	P
10	720919103304	PRADEEP M	P	P	P	P	P	P	P	P	P	P
11	720919103305	VISHNU K	P	P	AB	AB	AB	AB	AB	AB	P	P
12	720919103307	BALAJI R	P	P	P	P	P	P	P	P	P	P
13	720919103308	KAVIYASELVAN K	P	P	P	P	P	P	P	P	P	P
14	720919103309	SUHAIL. O.Y	P	P	P	P	P	P	P	P	P	P


CO ORDINATOR


HOD




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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

HANDS ON SURVEY TOTAL STATION

S.No	REG NO	Name of the student	DAY 1		DAY 2		DAY 3		DAY 4		DAY 5	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720918103002	ADITHYAN.D.K	P	P	P	P	P	P	P	P	P	P
2	720918103003	ALEN V S	P	P	P	P	P	P	P	P	P	P
3	720918103004	AMAL RAJ	P	P	P	P	AB	AB	P	P	P	P
4	720918103005	ASHWAN.O	P	P	P	P	P	P	P	P	P	P
5	720918103006	ASLAH.P.M	P	P	P	P	P	P	P	P	P	P
6	720918103007	BHAVYA.S	P	P	P	P	P	P	P	P	P	P
7	720918103008	DHANUSH B	P	P	P	P	P	P	P	P	P	P
8	720918103009	FAIZ MUHAMMED.N	P	P	P	P	P	P	P	P	P	P
9	720918103010	GREESHMA S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	720918103011	HIJAS.A.S	P	P	P	P	P	P	P	P	P	P
11	720918103013	JERON KISHOR J	P	P	P	P	P	P	P	P	P	P
12	720918103014	LIBIN.B	P	P	P	AB	AB	P	P	P	P	P
13	720918103015	MUHSINA.S	P	P	P	P	P	P	P	P	P	P
14	720918103017	NAVEEN.S	P	P	P	P	P	P	P	P	P	P
15	720918103018	PRADEEP V	P	P	P	P	P	P	P	P	P	P
16	720918103019	SOPNA.K	P	P	P	P	P	P	P	P	P	P
17	720918103020	SUDHINRAJ. S	P	P	P	P	AB	AB	AB	AB	P	P
18	720918103021	SYED AFSAL.M	P	P	P	P	P	P	P	P	P	P
19	720918103301	AKSHAYA.K	P	P	P	P	P	P	P	P	P	P
20	720918103302	JAYANIVEDA.T	P	P	P	P	P	P	P	P	P	P
21	720918103901	RIZVIN AKBER	P	P	P	P	P	P	P	P	P	P


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PICHANUR, COIMBATORE - 641 105.

**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY,
PICHANUR. COIMBATORE
BUILDING INFORMATION MODELLING**

S.No	REG NO	Name of the student	DAY 1		DAY 2		DAY 3		DAY 4		DAY 5	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720919103002	ANAGHA KP	P	P	P	P	P	P	P	P	P	P
2	720919103004	BHAGYA S	P	P	P	P	P	P	P	P	P	P
3	720919103006	NITHISHKUMAR J	P	P	AB	AB	AB	AB	P	P	P	P
4	720919103007	RAJAGOPAL T	P	P	P	P	P	P	P	P	P	P
5	720919103008	VISHNU MAYA KP	P	P	P	P	P	P	P	P	P	P
6	720919103009	VISHWA A	P	P	P	P	P	P	P	P	P	P
7	720919103301	EFAKKIL M	P	P	P	P	P	P	P	P	P	P
8	720919103302	GODWIN PETER	P	P	P	P	P	P	P	P	P	P
9	720919103303	KAPIL S	P	P	P	P	P	P	P	P	P	P
10	720919103304	PRADEEP M	P	P	P	P	P	P	P	P	P	P
11	720919103305	VISHNU K	P	P	AB	AB	AB	AB	AB	AB	P	P
12	720919103307	BALAJI R	P	P	P	P	P	P	P	P	P	P
13	720919103308	KAVIYASELVAN K	P	P	P	P	P	P	P	P	P	P
14	720919103309	SUHAIL. O.Y	P	P	P	P	P	P	P	P	P	P


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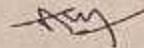
CERTIFICATE OF COMPLETION

DEPARTMENT OF CIVIL ENGINEERING

This is to certify that Mr./MsVISHNUMAYA KP has successfully completed the training course on HANDS ON SURVEY TOTAL STATION during 21/03/2022 to 25/03/2022 conducted by the department of Civil Engineering in the academic year 2021-2022.



COORDINATOR



HEAD OF THE DEPARTMENT



PRINCIPAL

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR COIMBATORE- 641105



JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

Total Station Course Contents

Introduction to Total Station.

Setting up a station and orientation.

Angle, distance, and Co-ordinate measurements.

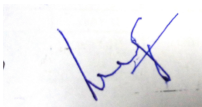
Data Processing.

Applications.

Practical

This hands-on training session will explain the basic workings of digital total stations used in surveying with special focus on accuracies, errors, instrumental calibration and minor adjustments. Instrumental, personal, natural random and systematic errors will be discussed along with procedures for avoiding common pitfalls such as measuring angles and distances. Attendees will be subdivided into small groups to demonstrate/practice the following: instrument setup, layout calibration setup and proper handling and care of equipment. Attendees will set-up a total station over a specific point using the 5-step method as well as learn to measure distances and horizontal/vertical (zenith) angles properly.

1. Discuss basic operations of total stations, common errors and checking and calibrating features
2. Demonstrate proper instrument setup, layout, calibration, handling, and care
3. Explore 5-step method of set-up
4. Illustrate the layout of specific point using angles and distances



BIM

Day 1: Introduction - Introduction to basic concept - Introduction to Revit interface and function - Model navigation Architecture Modelling - Adding Elevations and Gridlines - Creating wall - Adding doors and windows

Day 2: Creating Architecture Modelling - Creating floor - Creating staircase - Creating shaft opening - Creating roof - Adding furniture components

Day 3: Modelling Output - Annotation and Tagging - Labelling and tagging - Dimensioning - Room tag - Creating door and windows schedule - Creating schedule of accommodation



AutoCAD Courses Syllabus

The below table represents the entire syllabus that students have to study in the AutoCAD course.

AutoCAD Interface	Sketch Entities & Sketch Tools	Block, W-block, X-attach, & X-Ref
Layer & Object Properties	Dimensions & Dimensions Styles	Drafting Settings
Geometry Creation & Modifications	Inquiry Tools & Parametric Drafting	Design Centre & Modification Tools
Isometric Views	Creating & Editing Text	Equations, Design Table, & Configurations
Smart Dimensions, Fully Define Sketch and Blocks	Sketch Visualization & Sketch Analysis	Drafting Settings
3D Parts, UCS, Boolean Operation, Solid Editing, etc.	Surface Creation & Modification Tools	Geometry & Dimensional Constraints



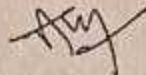
CERTIFICATE OF COMPLETION

DEPARTMENT OF CIVIL ENGINEERING

This is to certify that Mr./Ms DHANUSH B has successfully completed the training course on BUILDING INFORMATION MODELLING during 21/03/2022 to 25/03/2022 conducted by the department of Civil Engineering in the academic year 2021-2022.



COORDINATOR



HEAD OF THE DEPARTMENT



PRINCIPAL

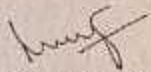
JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR COIMBATORE- 641105

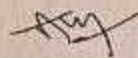
CERTIFICATE OF COMPLETION

DEPARTMENT OF CIVIL ENGINEERING

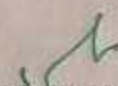
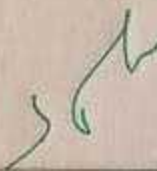
This is to certify that Mr./Ms ANAGHA K P has successfully completed the training course on HANDS ON SURVEY TOTAL STATION during 21/03/2022 to 25/03/2022 conducted by the department of Civil Engineering in the academic year 2021-2022.



COORDINATOR



HEAD OF THE DEPARTMENT



PRINCIPAL

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR COIMBATORE - 641105



PRINCIPAL
Department of Engineering and Technology
PICHANUR COIMBATORE - 641105

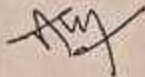
CERTIFICATE OF COMPLETION

DEPARTMENT OF CIVIL ENGINEERING

This is to certify that Mr./Ms ADITHYAN.D.K has successfully completed the training course on BUILDING INFORMATION MODELLING during 21/03/2022 to 25/03/2022 conducted by the department of Civil Engineering in the academic year 2021-2022.



COORDINATOR



HEAD OF THE DEPARTMENT



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PICHANUR COIMBATORE- 641105

JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE - 641105

Department of Computer Science and Engineering



Date: 07.12.2021

From

Dr. G. Rajiv Suresh Kumar,
Professor and Head of the Department,
Department of Computer Science and Engineering,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore-641105.

permitted
JSK
7/12/21

To

The Principal,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore-641105.

Respected Sir,

Sub: Requesting your permission to conduct Five Days Value Added Course on "CC2401-PHP/MYSQL" from 13.12.2021 to 17.12.2021 – Reg.

We have planned to conduct Five Days value added course on "PHP/MYSQL" for the students of Computer Science and Engineering Department. In this regard we request your kind permission and approval to conduct the Value Added Course.

Thanking You,

Yours Sincerely,

[Signature]
HOD/CSE



[Signature]
PRINCIPAL

JCT College of Engineering & Technology
PICHANUR, COIMBATORE - 641 105.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Date: 09/12/2021

It is here by informed that the Department of Computer Science and Engineering is organizing five days Value Added Course on "CC2401-PHP/MYSQL" on 13.12.2021 during 17-12-2021 at seminar hall. The students of II year Computer Science and Engineering are instructed to attend this Value Added Course without fail.

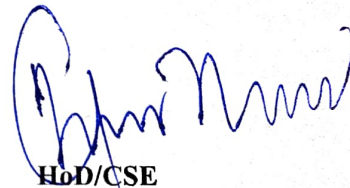
Date: 13-12-2021

Venue: Seminar Hall

Time: 9.10 AM

To be read in:

- 1) Second Year CSE


HOD/CSE

Copy to:

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board



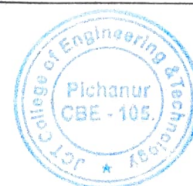
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CC2401- PHP/MYSQL, SYLLABUS		
Total Duration :30 Hours		
DAY	TOPICS	HOURS
13-12-2021	Introduction to web applications Overview of scripting language Data types in PHP Operators in PHP Conditional statements Functions Loops Array Regular ExpressionSwitch case	6
14-12-2021	Forms in PHP Form validation Form URL Form Complete Files in PHP Handling files Creating files Read and write process Uploading a file	6
15-12-2021	Object oriented programming in PHP Class and object Constructors Destructors Inheritance Access modifiers Abstract class and Interface Namespaces	6
16-12-2021	MySQL Database MySQL ConnectivityCreate DB Create Table MySQL Insert DataSelecting data Commands in MySQLDelete data Update data Limit data	6
17-12-2021	JSON for PHP Output control Filter PHP Stream	

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	Dynamic ARP inspection Wireless security protocols WPA1, WPA2 and WPA3 protocols Authentication and authorization	6
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HoD/CSE



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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

II CSE - PHP/MYSQL

Sl.No	Register No	Name of the Student	#	#	3	4	#	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOT
1	720920104302	MATHIYAZHAGAN E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
2	720920104008	ANTO ASHOR G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
3	720920104011	ARUN RAM K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
4	720920104012	ASHICK S	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29
5	720920104014	CHAGALETI CHANDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
6	720920104023	KISHORE E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
7	720920104026	KUDUMULA VEERA HARSHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
8	720920104037	MOHAMED ANSARDIN M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
9	720920104038	MOHAMMED AASHIL KHAN A	A	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28
10	720920104040	MUHAMMED SHAHIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
11	720920104043	NAVEEN S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
12	720920104044	NIKHIL DASS M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
13	720920104048	NITHIN SEKAR D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29
14	720920104061	RAMESHKUMAR R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
15	720920104072	SARATH S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
16	720920104074	J SHAYAM NARAYANAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
17	720920104083	VISAKH V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
18	720920104085	VISHNU A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
19	720920104302	PRAGATHEESH E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
20	720920104303	NISHANTH CR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
21	720920104306	RAMYA S	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27
22	720920104307	THANGAMANI S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
23	720919104046	SHABAB AHAMAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
24	720920104001	AJAY KUMAR SAHNI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
25	720920104003	ALISHA KHANAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
26	720920104007	ANKIT KUMAR PADIT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
27	720920104010	ARSHI KHANAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
28	720920104013	AZHARUDDIN ANSARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
29	720920104015	DEEPAK KUMAR	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	26
30	720920104016	DEVESH KUMAR	P	P	P	P	P	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27
31	720920104020	KAMLESH KUMAR GUPTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30

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36.

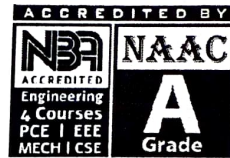


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PICHANUR, COIMBATOR



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Pichanur, Coimbatore - 641105 | info@jct.ac.in | www.jct.ac.in | 0422 2636900



STUDENT FEEDBACK

Name of the student:.....NAVEEN.S.....

Department:.....CSE..... Year.....II.....

Topic ...PHP/MYSQL Date.....17.02.2021.....

[Tick (✓) in the relevant cell]

Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1.Knowledge based of the teacher(as perceived by you)	✓	✓		
2.Communication skills (in terms of articulation and comprehensibility)		✓		
3.Sincerity/Commitment of the teacher	✓			
4.Interest generated by the teacher		✓		
5.Ability to integrate course material with environment/other issue to provide a broader perspective	✓			
6.Ability to integrate content with other courses	✓			
7.Accessibility of the teacher in and out of the class(includes availability of the teacher to motivate further study and discussion outside class)	✓			
8.Ability to design quizzes/tests/assignment/examination and projects to evaluate students understanding of the course	✓			
9. Provision of sufficient time for feedback		✓		
10.Overall rating	✓			

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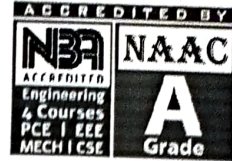
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STUDENT FEEDBACK

Name of the student:.....Kishore. E.....

Department:.....CSE..... Year.....3.....

Topic ..PHP, MySQL.. Date--17.12.21--

[Tick (✓) in the relevant cell]

Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1.Knowledge based of the teacher(as perceived by you)	✓			
2.Communication skills (in terms of articulation and comprehensibility)	✓			
3.Sincerity/Commitment of the teacher	✓			
4.Interest generated by the teacher		✓		
5.Ability to integrate course material with environment/other issue to provide a broader perspective		✓		
6.Ability to integrate content with other courses	✓			
7.Accessibility of the teacher in and out of the class(includes availability of the teacher to motivate further study and discussion outside class)	✓			
8.Ability to design quizzes/tests/assignment/examination and projects to evaluate students understanding of the course			✓	
9. Provision of sufficient time for feedback			✓	
10.Overall rating	✓			


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and Technology

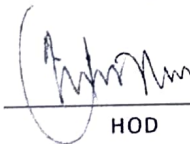
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Pichanur, Coimbatore - 641105 | info@jet.ac.in | www.jet.ac.in | 0422 2636900



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms.....**Ashick S**.....
has successfully completed the certificate course on
"PHP/MYSQL", course code "CC 2401", duration 30 hours
at JCT College of Engineering and Technology, Coimbatore.


HOD


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JCT College of Engineering & Technology
PICHANUR, COIMBATORE - 641 105.


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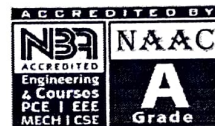
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PICHANUR, COIMBATORE - 641 105.





JCT College of Engineering
and Technology

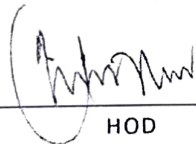
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

*This is to certify that Mr/Ms.....**Naveen S**.....
has successfully completed the certificate course on
"PHP/MYSQL", course code "CC 2401", duration 30 hours
at JCT College of Engineering and Technology, Coimbatore.*


HOD


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PICHANUR, COIMBATORE - 641 105.


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JCT College of Engineering & Technology
PICHANUR, COIMBATORE - 641 105.



Date: 07.04.2022

From

Dr. G. Rajiv Suresh Kumar,
Professor and Head of the Department,
Department of Computer Science and Engineering,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore-641105.

To
The Principal,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore-641105.

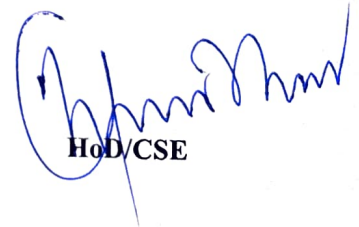
Respected Sir,

Sub: Requesting your permission to conduct Five Days Value Added Course on "CC3601-
Mobile Application Development" from 18.04.2022 to 22.04.2022 – Reg.

We have planned to conduct Five Days value added course on "Mobile Application Development" for the students of III year Computer Science and Engineering Department. In this regard we request your kind permission and approval to conduct the Value Added Course.

Thanking You,

Yours Sincerely,


HOD/CSE
PRINCIPAL
JCT College of Engineering & Technology
PICHANUR, COIMBATORE - 641 105.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Date:09/04/2022

It is here by informed that the Department of Computer Science and Engineering is organizing five days Value Added Course on "**CC3601-Mobile Application Development** " during 18-04-2022 to 22-04-2022 at seminar hall. The students of III year Computer Science and Engineering are instructed to attend this Value Added Course without fail.

Date: 18-04-2022

Venue: Seminar Hall

Time: 9.10 AM

To be read in:

- 1) Third Year CSE


HOD/CSE

Copy to:

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CC3601- MOBILE APPLICATION DEVELOPMENT, SYLLABUS		
TotalDuration :35 Hours		
DAY	TOPICS	HOURS
18-04-2022	Introduction to mobile applications History of mobile technology Importance of mobile applications Architecture of Android User interface Layout, Controls Event handling Custom components in Android Android content providers Android notifications Location based services	7
19-04-2022	Call communication Alerts, Animations Audio related techniques Audio manager Bluetooth, Camera, Clipboard Data backup Custom fonts Developer tools Java for Android Android studio as Environment	7
23-04-2022	XML for AndroidXML and JSON DOM(Document Object Model)Native application features Web application prototype Manifest for mobile applicationApplication icons Dynamic content About Github	7
21-04-2022	Public key request Push notification Caching Cache Storage API Strategies for caching Updates in android application Kotlin vs Java New methodologies in Kotlin Standard libraries in Kotlin Javascript for mobile applications	7

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Procedural programming Destructuring the declarations Sealed classes Data classes Kotlin interactive shell Kotlin as scripting language New trends in mobile Publishing the mobile application in Google playstore	7
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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

III CSE - MOBILE APPLICATION DEVELOPMENT

III CSE - MOBILE APPLICATION DEVELOPMENT																																							
Sl.No	Register No	Name of the Student	1	2	#	#	5	#	7	#	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	#	30	31	32	33	34	35	TOT	
1	720919104001	ABIN P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
2	720919104002	AFZAL A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
3	720919104003	AJAY S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
4	720919104005	ALWIN MILLER C J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
5	720919104007	ANISH KUMAR A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	34	
6	720919104008	ANSIL SHAMSUDHEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
7	720919104010	ASHLIN T.M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
8	720919104011	BHUVANESHWARAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
9	720919104012	DURAIRAJ P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	33	
10	720919104013	GOWTHAM S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
11	720919104014	GUNAL K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
12	720919104015	HARIPRASAD P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
13	720919104016	HARISH C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
14	720919104017	JAYAPRASANA T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
15	720919104018	MILAN MOHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
16	720919104019	MUHAMMED RAFAEQ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
17	720919104020	MUHESH I	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
18	720919104021	NANJUNDESHWARA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
19	720919104024	PAULRAJ R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
20	720919104025	POOJA K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
21	720919104026	PRASANTH D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
22	720919104027	PUSHPARAJ S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
23	720919104028	RANGARAJ P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
24	720919104029	RANJITH V	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	34	
25	720919104031	SHAHSAL MOHAMMED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
26	720919104032	SHATHIKA B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
27	720919104033	SINEKA A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
28	720919104034	SIVA GANESH.P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
29	720919104037	SUBIN T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
30	720919104038	THANGADURAJ S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
31	720919104039	YUVANSHANKAR E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
32	720919104301	AKASH G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
33	720919104303	SENTHILKUMAR S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
34	720919104701	PANNEER SELVAM K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
35	720919104004	AKASH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
36	720919104022	NITISH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
37	720919104040	ABHINAV RAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	35	
38	720919104041	RAM NARAYAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P														

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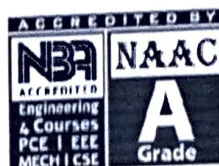
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STUDENT FEEDBACK

Name of the student: ADITI KUMARI

Department: CSE Year: 1st

Topic: MAD Date: 11.03.22

[Tick (✓) in the relevant cell]

Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1. Knowledge based of the teacher(as perceived by you)		✓		
2. Communication skills (in terms of articulation and comprehensibility)		✓		
3. Sincerity/Commitment of the teacher		✓		
4. Interest generated by the teacher	✓			
5. Ability to integrate course material with environment/other issue to provide a broader perspective	✓			
6. Ability to integrate content with other courses	✓			
7. Accessibility of the teacher in and out of the class(includes availability of the teacher to motivate further study and discussion outside class)		✓		
8. Ability to design quizzes/tests/assignment/examination and projects to evaluate students understanding of the course		✓		
9. Provision of sufficient time for feedback	✓			
10. Overall rating	✓			

35

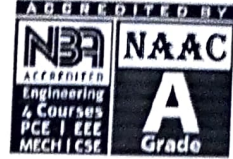


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STUDENT FEEDBACK

Name of the student: ... Akash Kumar

Department: ... CSE ... Year: ... 11

Topic ... MAD ... Date: ... 11.03.22 ...

[Tick (√) in the relevant cell]

Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1. Knowledge based of the teacher(as perceived by you)			✓	
2. Communication skills (in terms of articulation and comprehensibility)	✓			
3. Sincerity/Commitment of the teacher	✓			
4. Interest generated by the teacher		✓		
5. Ability to integrate course material with environment/other issue to provide a broader perspective		✓		
6. Ability to integrate content with other courses	✓			
7. Accessibility of the teacher in and out of the class(includes availability of the teacher to motivate further study and discussion outside class)		✓		
8. Ability to design quizzes/tests/assignment/examination and projects to evaluate students understanding of the course	✓			
9. Provision of sufficient time for feedback			✓	
10. Overall rating	✓			

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms.....**Abin P**.....
has successfully completed the certificate course
on **"Mobile Application Development"**,
course code **"CC 3601"**, duration 35 hours
at **JCT College of Engineering and Technology, Coimbatore.**

HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms.....**Gunal K**.....
has successfully completed the certificate course
on "**Mobile Application Development**",
course code "**CC 3601**", duration 35 hours
at **JCT College of Engineering and Technology, Coimbatore.**

HOD

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**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE - 641105**

Department of Computer Science and Engineering



Date: 02.03.2022

From

Dr. G. Rajiv Suresh Kumar,
Professor and Head of the Department,
Department of Computer Science and Engineering,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore-641105.

To

The Principal,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore-641105.

Permitted
[Signature]

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PICHANUR, COIMBATORE - 641 105.

Respected Sir,

Sub: Requesting your permission to conduct Five Days Value Added Course on "CC3501-CCNA" from 07.03.2022 to 11.03.2022 - Reg.

We have planned to conduct Five Days value added course on "CCNA" for the students III year Computer Science and Engineering Department. In this regard we request your kind permission and approval to conduct the Value Added Course.

Thanking You,

Yours Sincerely,

[Signature]
HoD/CSE



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Pichanur, Coimbatore - 641105



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Date: 04/03/2022

It is here by informed that the Department of Computer science and Engineering is organizing five days Value Added Course on "CC3501-CCNA" during 7-03-2022 to 11-03-2022 at seminar hall. The students of III Year Computer Science and Engineering are instructed to attend this Value Added Course without fail.

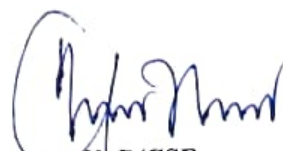
Date: 07-03-2022

Venue: Seminar Hall

Time: 9.10 AM

To be read in:

- 1) Third Year CSE


HOD/CSE

Copy to:

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board


14/3/22



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CC3501 - CCNA Syllabus		
Total Duration :30 Hours		
DAY	TOPICS	HOURS
07-03-2022	Network fundamentals Role of network components Routers Switches Firewall Access points and controllers Endpoints Servers	6
08-03-2022	Network topology architectures Two-tier architecture Three-tier architecture Spine-leaf architecture Wide area network (WAN) Physical interface TCP UDP	6
09-03-2022	IPV4 addressing Subnetting Importance of private IPV4 addressing IPV6 addressing and its types IP parameters for client operating system Network access VLAN configuration Spanning tree protocol	6
10-03-2022	QoS profiles Advanced WLAN settings IP connectivity Routing protocol code Network mask Next hop Routing protocol metric Network route Host route	6
11-03-2022	Threats, vulnerabilities Mitigation techniques Device access control Remote access and VPN Access control list DHCP-snooping	6

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Zip in PHP PHP Callback functions Iterables in PHP Comments in PHP Super globals Sessions in PHP	6
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III CSE - CCNA

Sl.No	Register No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1	720919104001	ABIN P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	720919104002	AFZAL A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	720919104003	AJAY S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	720919104005	ALWIN MILLER C J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	720919104007	ANISH KUMAR A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	720919104008	ANSIL SHAMSUDHEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	720919104010	ASHIN T M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	720919104011	BHUV ANESHWARAN V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	720919104012	DURAIRAJ P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	720919104013	GOWTHAM S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	720919104014	GUNAL K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	720919104015	HARIPRASAD P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	720919104016	HARISH C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	720919104017	JAYAPRASANA T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	720919104018	MILAN MOHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	720919104019	MUHAMMED RAFFEEQ K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	720919104020	MUHESH I	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	720919104021	NANJUNDESHWARAN S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	720919104022	PAULRAJ R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	720919104025	POOJA K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	720919104026	PRASANTH D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	720919104027	PUSHPARAJ S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	720919104028	RANGARAJ P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	720919104029	RANJITH V	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	720919104031	SHAHSAL MOHAMMED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	720919104032	SHATHIKA B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	720919104033	SINEKA A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	720919104034	SIVA GANESH P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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30	720919104038	THANGADURAI S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	720919104039	YUVANSHANKAR E	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	720919104301	AKASH G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	720919104303	SENTHILKUMAR S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	720919104701	PANNEER SELVAM K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	720919104064	AKASH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	720919104022	NIKITH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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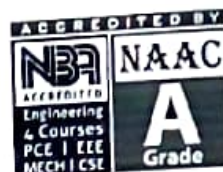
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STUDENT FEEDBACK

Name of the student: ABIN. P

Department: CSE Year: 10

Topic: CCNA Date: 11.03.21

[Tick (✓) in the relevant cell]

Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1. Knowledge based of the teacher (as perceived by you)	✓			
2. Communication skills (in terms of articulation and comprehensibility)	✓			
3. Sincerity/Commitment of the teacher		✓		
4. Interest generated by the teacher	✓			
5. Ability to integrate course material with environment/other issue to provide a broader perspective	✓			
6. Ability to integrate content with other courses		✓		
7. Accessibility of the teacher in and out of the class (includes availability of the teacher to motivate further study and discussion outside class)	✓			
8. Ability to design quizzes/tests/assignment/examination and projects to evaluate students understanding of the course			✓	
9. Provision of sufficient time for feedback			✓	
10. Overall rating	✓			

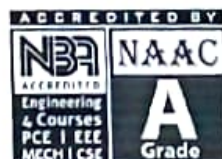

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STUDENT FEEDBACK

Name of the student: Gowtham S

Department: CSE Year: 2

Topic: CCNA Date: 11.03.22

[Tick (√) in the relevant cell]

Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1. Knowledge based of the teacher(as perceived by you)	✓			
2. Communication skills (in terms of articulation and comprehensibility)		✓		
3. Sincerity/Commitment of the teacher		✓		
4. Interest generated by the teacher	✓			
5. Ability to integrate course material with environment/other issue to provide a broader perspective	✓			
6. Ability to integrate content with other courses		✓		
7. Accessibility of the teacher in and out of the class(includes availability of the teacher to motivate further study and discussion outside class)		✓		
8. Ability to design quizzes/tests/assignment/examination and projects to evaluate students understanding of the course		✓		
9. Provision of sufficient time for feedback	✓			
10. Overall rating	✓			

[Signature]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms.....*Ajay.s*.....
has successfully completed the certificate course
on "CCNA", course code "CC 3501", duration
35 hours at JCT College of Engineering and Technology,
Coimbatore.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms.....*Harish C*.....
has successfully completed the certificate course
on "CCNA", course code "CC 3501", duration
35 hours at JCT College of Engineering and Technology,
Coimbatore.

HOD

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JCT

**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE - 641105**

Department of Computer Science and Engineering



Date: 07.02.2022

From

Dr. G. Rajiv Suresh Kumar,
Professor and Head of the Department,
Department of Computer Science and Engineering,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore-641105.

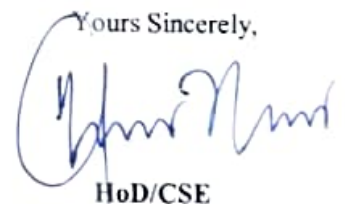
To
The Principal,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore-641105.

Respected Sir,
Sub: Requesting your permission to conduct Five Days Value Added Course on **"CC4701-
Software Testing"** from 14.02.2022 to 18.02.2022 – Reg.

We have planned to conduct Five Days value added course on "Software Testing" for the students of IV year Computer Science and Engineering Department. In this regard we request your kind permission and approval to conduct the Value Added Course.

Thanking You,

Yours Sincerely,


HoD/CSE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Date:09.02.2022

It is here by informed that the Department of Computer Science and Engineering is organizing five days Value Added Course on "CC4701-Software Testing" during 14.02.2022 to 18.02.2022 at seminar hall. The students of IV year Computer Science and Engineering are instructed to attend this Value Added Course without fail.

Date: 14.02.2022

Venue: Seminar Hall

Time: 9.10 AM

To be read in:

- 1) Fourth Year CSE



HoD/CSE

Copy to:

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CC4701- SOFTWARE TESTING, SYLLABUS		
Total Duration :30 Hours		
DAY	TOPICS	HOURS
14.02.2022	Introduction to software testing Overview of manual and automation testing Quality check Functionality Reliability Maintainability Portability Testing deadlines Quality control Verification and validation	6
15.02.2022	Quality assurance Inspecting the data Debugging Quality model Internal and External metrics Standards in testing Manual testing Unit testing Integration testing System testing User acceptance testing	6
16.02.2022	Test plans Test cases or test scenarios Automation testing Test script Test execution Test automation Advantages of automation Testing process Tools for automation Test suits	6
17.02.2022	Identifying bugs Black-box testing White-box testing Glass testing Open-box testing Grey-box testing About Selenium Selenium Development kit Integrated development kit Environments in Selenium	6

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18.02.2022	Selenium web driver Libraries in Selenium Automation and its importance Effects of automation testing Test cases Test Scenario Usecase Boundary value analysis Locating Techniques Testplan Test management	6
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HOD/CSE

A handwritten signature in blue ink, appearing to be 'S. K.'.

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

IV SOFTWARE TESTING

SLN	Register No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	100
1	72091810400	ABIN BIJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
2	72091810400	ADARSH A V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
3	72091810400	AKHILESH A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
4	72091810400	AMAL E R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
5	72091810400	ANAMIKA P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
6	72091810400	ANIRUDH M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29
7	72091810400	ARUNABISHIEK A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
8	72091810401	ASWIN N L	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
9	72091810401	BAVAN KUMAR V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
10	72091810401	GOKULA A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	27
11	72091810401	HARISH V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
12	72091810401	JOEL SAJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
13	72091810401	JOY PRASANNA S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
14	72091810401	KAMALAKANNAN R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
15	72091810401	MANOJKUMAR U	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
16	72091810401	MANUEL VICTOR J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
17	72091810402	MOHAMMED MUSTHAFA A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
18	72091810402	MUNEESHWARAN R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	28
19	72091810402	NABEEL K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
20	72091810402	NITHISH S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
21	72091810402	PRATHIN PRATHEESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
22	72091810402	PRAVEENKUMAR J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
23	72091810402	PRAVEEN KUMAR P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
24	72091810403	RAJA S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
25	72091810403	RAKESH R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
26	72091810403	SANTHOSHIVAN N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
27	72091810403	SHIBIN K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29
28	72091810403	SHILPA S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
29	72091810404	SHON ALEX CHACKO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
30	72091810404	SIVAHARI S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
31	72091810404	SIVASANKAR A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
32	72091810404	SRIDHARAN R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
33	72091810404	SRINIVASAN S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29
34	72091810404	SRUTHI S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
35	72091810404	VINOTH K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30



Handwritten signature in blue ink.

Handwritten text: "JCT College of Engineering and Technology" and "BICHA".



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STUDENT FEEDBACK

Name of the student:.....Siva Hari S.....

Department:.....CSE..... Year:.....1st.....

TopicSoftware Testing..... Date:.....12-4-2022.....

[Tick (✓) in the relevant cell]

Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1.Knowledge based of the teacher(as perceived by you)	✓			
2.Communication skills (in terms of articulation and comprehensibility)	✓			
3.Sincerity/Commitment of the teacher	✓			
4.Interest generated by the teacher	✓			
5.Ability to integrate course material with environment/other issue to provide a broader perspective	✓	✓		
6.Ability to integrate content with other courses		✓		
7.Accessibility of the teacher in and out of the class(includes availability of the teacher to motivate further study and discussion outside class)	✓			
8.Ability to design quizzes/tests/assignment/examination and projects to evaluate students understanding of the course		✓		
9. Provision of sufficient time for feedback	✓			
10.Overall rating		✓		

Siva Hari S
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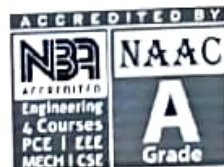




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STUDENT FEEDBACK

Name of the student: Mensin Prabhu

Department: C.E. Year: III

Topic: Software Testing Date: 12-02-2022

[Tick (✓) in the relevant cell]

Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1.Knowledge based of the teacher(as perceived by you)		✓		
2.Communication skills (in terms of articulation and comprehensibility)		✓		
3.Sincerity/Commitment of the teacher		✓		
4.Interest generated by the teacher	✓			
5.Ability to integrate course material with environment/other issue to provide a broader perspective		✓		
6.Ability to integrate content with other courses	✓			
7.Accessibility of the teacher in and out of the class(includes availability of the teacher to motivate further study and discussion outside class)		✓		
8.Ability to design quizzes/tests/assignment/examination and projects to evaluate students understanding of the course		✓		
9. Provision of sufficient time for feedback		✓		
10.Overall rating		✓		

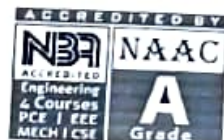

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms.....**ADARSH A.V**.....
has successfully completed the certificate course
on "**Software Testing**", course code "**CC 4701**", duration
30 hours at **JCT College of Engineering and Technology**,
Coimbatore.



HOD



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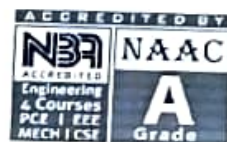

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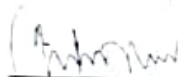
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms.....**ASWIN N.L**.....
has successfully completed the certificate course
on "**Software Testing**", course code "**CC 4701**", duration
30 hours at **JCT College of Engineering and Technology**,
Coimbatore.


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**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE - 641105**

Department of Computer Science and Business Systems



Date: 08.04.2022

From

Mrs.K.Malarvizli,
Professor and Head of the Department,
Department of Computer Science and Business Systems,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore-641105.

To

The Principal,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore-641105.

Approved
S. S. Suresh

Respected Sir,

Sub: Requesting your permission to conduct Five Days Value Added Course on "CC2401-PHP/MYSQL" from 18-04-2022 to 22-04-2022- Reg.

We have planned to conduct Five Days Value Added Course on "PHP/MYSQL" for the students of Computer Science and Business Systems Department. In this regard we request your kind permission and approval to conduct this Value Added Course.

Thanking You,

Yours Sincerely,

[Signature]



[Signature]
HoD/CSBS

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DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

CIRCULAR

Date: 10/04/2022

It is here by informed that the Department of Computer Science and Business Systems is organizing five days Value Added Course on "CC2401-PHP/MYSQL" during 18-04-2022 to 22-04-2022 at seminar hall. The students of II year Computer Science and Business Systems are instructed to attend this Value Added Course without fail.

Date: 18-04-2022

Venue: Seminar Hall

Time: 9.10 AM

To be read in:

- 1) Second Year CSBS


HOD/CSBS

Copy to:

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board


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DEPARTMENT OF COMPUTER SCIENCE AND BUSSINESS SYSTEMS

CC2401- PHP/MYSQL, SYLLABUS		
Total Duration :30 Hours		
DAY	TOPICS	HOURS
18-04-2022	Introduction to web applications Overview of scripting language Data types in PHP Operators in PHP Conditional statements Functions Loops Arrays Regular Expression Switch case	6
19-04-2022	Forms in PHP Form validation Form URL Form Complete Files in PHP Handling files Creating files Read and write process Uploading a file	6
20-04-2022	Object oriented programming in PHP Class and object Constructors Destructors Inheritance Access modifiers Abstract class and Interface Namespaces	6
21-04-2022	MySQL Database MySQL Connectivity Create DB Create Table MySQL Insert Data Selecting data Commands in MySQL Delete data Update data Limit data	6
22-04-2022	JSON for PHP Output control Filter in PHP PHP Stream	


 Head of Department
 Department of Computer Science and Business Systems
 JCT College of Engineering and Technology
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**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY PICHANUR,
COIMBATORE-641105**



Zip in PHP Call back functions Iterables in PHP Comment in PHP Super globals Sessions in PHP	6
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HoD/CSBS





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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
CSBS - II Yr PHP/MYSQL

Sl.No	Register No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	24	23	24	25	26	27	28	29	30	TOT
1	720920244304	DEEPAK GIRISH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
2	720920244001	ABHAY M DAS	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	29
3	720920244002	ADITHYA P S	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29
4	720920244003	ADITHYAN C S	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	27
5	720920244004	ANUSHA U K	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29
6	720920244005	ASWIN KRISHNA VB	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29
7	720920244006	BHAVYA K B	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29
8	720920244007	KABILAN K	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29
9	720920244009	NAVAZ SHERIEF M	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	29
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11	720920244011	RAHUL VIJAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
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14	720920244014	THUNGA NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
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19	720920244301	NISHAJ AHAMAD S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	30
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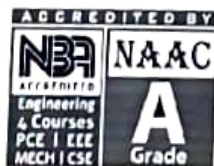

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STUDENT FEEDBACK

Name of the student: Vishnu D

Department: C.S.R.S Year: 21

Topic: Php/mysql Date: 22-4-2022

[Tick (✓) in the relevant cell]

Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1.Knowledge based of the teacher(as perceived by you)	✓			
2.Communication skills (in terms of articulation and comprehensibility)			✓	
3.Sincerity/Commitment of the teacher		✓		
4.Interest generated by the teacher	✓			
5.Ability to integrate course material with environment/other issue to provide a broader perspective		✓		
6.Ability to integrate content with other courses	✓			
7.Accessibility of the teacher in and out of the class(includes availability of the teacher to motivate further study and discussion outside class)		✓		
8.Ability to design quizzes/tests/assignment/examination and projects to evaluate students understanding of the course		✓		
9. Provision of sufficient time for feedback	✓			
10.Overall rating	✓			

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STUDENT FEEDBACK

Name of the student: Bowanyan

Department: C&BS Year: II

Topic: PHP/MYSQL Date: 22.04.2022

[Tick (✓) in the relevant cell]

Parameters	A Very good	B Good	C Satisfactory	D Unsatisfactory
1.Knowledge based of the teacher(as perceived by you)	✓			
2.Communication skills (in terms of articulation and comprehensibility)		✓		
3.Sincerity/Commitment of the teacher	✓			
4.Interest generated by the teacher		✓		
5.Ability to integrate course material with environment/other issue to provide a broader perspective	✓			
6.Ability to integrate content with other courses	✓			
7.Accessibility of the teacher in and out of the class(includes availability of the teacher to motivate further study and discussion outside class)	✓			
8.Ability to design quizzes/tests/assignment/examination and projects to evaluate students understanding of the course		✓		
9. Provision of sufficient time for feedback		✓		
10.Overall rating	✓			

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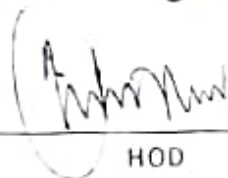
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DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms.....**Adithya PS**.....
has successfully completed the certificate course on
"PHP/MYSQL", course code "CC 2401", duration 30 hours
at JCT College of Engineering and Technology, Coimbatore.


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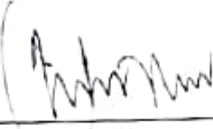
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DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms.....**Deepak Girish**.....
has successfully completed the certificate course on
"PHP/MYSQL", course code **"CC 2401"**, duration 30 hours
at **JCT College of Engineering and Technology, Coimbatore.**


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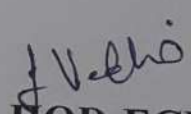


Department of Electronics and Communication Engineering**CIRCULAR**

02.11.2021

We are planning to conduct a five days value added course on
“PROGRAMMABLE LOGIC CONTROLLER DESIGNING” from 20th
November 2021 to 18th December 2021 (All Saturdays) in our department.
So we kindly request all the students to participate in this course and update
your technical knowledge.


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HOD-ECE

Circulation to:

- To be displayed on Notice Board.



Department of Electronics and Communication Engineering

From ,

Mr.M.Kannan

ECE department,

JCT college of Engineering and Technology,

Pichanur , Coimbatore .

To ,

The principal ,

JCT college of Engineering and Technology,

Pichanur , Coimbatore .

Respected sir,

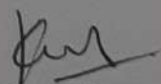
Subject: Regard the permission for conducting an value added course

We are planning to conduct a five days value added course on "PROGRAMMABLE LOGIC CONTROLLER DESIGNING" from 20th November 2021 to 18th December 2021. So my humble request you to grant me permission to conduct the value added course.

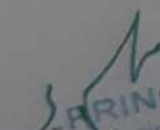
Date: 02/11/2021

Place: Pichanur

Yours sincerely,


Mr.M.Kannan

AP/ECE


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PROGRAMMABLE LOGIC CONTROL

COURSE CONTENT&ASSESSMENT

1. COURSE OUTCOMES

The theory should be taught and practical should be carried out in such a manner that students are able to acquire different learning outcomes in cognitive, psychomotor and affective domain to demonstrate following course outcomes.

- i. Operate PLC.
- ii. Use PLC memory.
- iii. Use Boolean algebra to simplify designs.
- iv. Use Ladder Logic Function and advance function for PLC programming.
- v. Select PLCs for relevant applications.

2. COURSE CONTENT DETAILS

Unit	Major Learning Outcomes (in cognitive domain)	Topics and Sub-topics
Unit – I. PLC Overview	1a. Describe principle of operation of PLC 1b. Differentiate between PLC and computer controlled systems 1c. Describe hardware components of PLC. 1d. Explain the block diagram of PLC.	Principles of operation of PLC PLC verses computer PLC hardware components Scan time of a cycle. Industrial PLC. Application of PLCs.
Unit– II PLC Memory and Logical Sensor	2a. Explain different types of memories available for PLC. 2b. Distinguish between various data files: User Bits Memory, Timer Counter Memory, PLC Status Bits, User Function Control Memory, Integer Memory, Floating Point Memory 2c. Use addresses for locations in memory. 2d. Distinguish between Switches, TTL, Sinking and sourcing, Connection of switch 2e. Distinguish the various types of human/ product presence detection sensors 2f. Select sensors for a given application.	Memory Address. Program Files. Data files: User Bits Memory, Timer Counter Memory, PLC Status Bits, User Function Control Memory, Integer Memory, Floating Point Memory Sensor wiring: Switches, TTL, Sinking and sourcing, Connection of switch Human/ product Presence Detection Sensors: Reed Switch, Optical Sensor, Capacitive Sensor, Inductive Sensor

Unit- III Boolean Logic Design and Timers, Counter , Latch Concept	3a. Explain logic design for a given application 3b. Simplify designs with Boolean algebra. 3c. Use timers, latch and counters in various designs 3d. Use counter as per requirement Apply latch in ladder logic	Boolean algebra: Rules of Boolean Algebra, Logic Design for a given application Common Logic Forms: Complex gate forms, Multiplexer. Timers: On-delay timer, Off-delay timer, Retentive timer. Counters: Up-Counters, Down-Counter, Up-Down Counter. Master Control Relay.
Unit- IV Ladder Logic Function and Advance Function	4a. Explain various programme control instructions 4b. Manipulate the data for various applications 4c. Develop ladder logics for a particular design 4d. Develop programmes for given applications.	Data handling Function: Move Function, Mathematical Function, Conversion Function Logic Function: Comparison of Value, Boolean Function List Function: Shift registers, Stacks, Sequencer Program Control: Branching and looping.
Unit-V Selecting PLC	5a. State the criteria for selection of PLC 5b. Select right PLC for a given application. 5c. Prepare the specifications of a PLC	Analog Input – Output Module. Discrete Input – Output Module. PLC selection criteria. PLC specifications

3. SUGGESTED SPECIFICATION TABLE WITH HOURS AND MARKS (THEORY)

Unit No.	Unit Title	Teaching Hours
I	PLC Overview	3
II	PLC Memory Logic Sensor	10
III	Boolean Logic Design and Timers, Counter, Latch Concept.	10
IV	Ladder logic function and Advance Function	9
V	Selecting PLC	3
	Total	35

Legends: R = Remember U = Understand; A = Apply and above levels (Bloom's revised taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

4. SUGGESTED LIST OF EXERCISES/PRACTICALS

The practical/exercises should be properly designed and implemented with an attempt to develop different types of skills (**outcomes in psychomotor and affective domain**) so that students are able to acquire the competencies/programme outcomes. Following is the list of practical exercises for guidance.

S. No.	Unit No.	Practical Exercises (outcomes in Psychomotor Domain)	Approx Hours. required
1	I	Demonstrate Step 7- Micro/Win 32 and the S7-200 PLC	1
2	V	Exposure to programming examines the function of Bit Logic Instructions.	2
3	V	Exposure to programming examines the function of SEQUENCER.	2
4	IV	Test and Identify different types of TIMER.	1
5	IV	Test and Identify different types COUNTER.	2
6	V	Explore programming examines of the Program Control Instructions.	2
7	V	Explore programming examines the function of Math Instructions.	1
8	III	Identify Different types of LADDER LOGIC.	2
9	IV	Develop ladder programming for a given statement - To on the bulb1 after 5sec of switch1 on. Turn the bulb2 on after the 5 sec of bulb1 on and test.	2
10	IV	Develop ladder programming for a given statement -To on the bulb after 5sec of switch off. Turn the bulb2 off after the 5 sec of bulb1 on and test.	2
11	IV	Develop ladder programming for a given statement - To watch the on time of switch if total time excludes the limit, turn the bulb off and test.(Retentive Timer)	2
12	IV	Develop ladder programming for a given statement -To count a car and give signal for empty space and test.	2
13	V	Develop ladder programming for a given statement - To on or off the motor via one switch and test.	2
14	IV	Develop ladder programming for a given statement -To operate four bulbs in series and test.	1
15	IV	Develop ladder programming for a given statement - To operate three floor elevators and test.	1
16	IV	Design a ladder to operate bottler filling plan and test	1
Total Hours			26


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5. SUGGESTED LIST OF STUDENT ACTIVITIES

Following is the list of proposed student activities such as:

- i. Prepare journals based on practical performed in laboratory.
- ii. Assignments on solving Boolean algebra.
- iii. Prepare/Download a dynamic animation to illustrate the following:
 - a) Working principle of Timer
 - b) Working principle of Counter
 - c) Working of different types Ladder logic.
- iv. Carry out a market survey of local dealers for PLC and compare them on mentioned points: (a) Rating (b) Memory (c) Cost (d) Programming language and (e) Performance
- v. Download the catalogue of PLC from websites of reputed manufacturers such as SIEMENS, FATEK, DELTA, ABB, and OMRON etc. to learn the latest developments.

A. List of Software/Learning Websites

- i. www.plcs.net
- ii. www.automation.siemens.com
- iii. www.abb.co.in
- iv. www.ia.omron.com




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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE-105
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PROGRAMMABLE LOGIC CONTROLLER DESIGNING
ATTENDANCE REPORT"



DATE			20/11/2021							27/11/2021							4/12/2021							11/12/2021							18/12/2021						
HOURS			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
s.no	REG.NO	NAME																																			
1	720920106001	BARATH P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	720920106002	DHANUJNAI N A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	720920106003	JAGAMSETTY SAIKIRAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	720920106004	NANDHAKUMAR Y	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	720920106006	T SATHISHKUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	720920106007	STEPHEN ROY S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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S.NO	REGISTER No	NAME
1	720920106001	BARATH P
2	720920106002	DHANUJNAI N A
3	720920106003	JAGAMSETTY SAIKIRAN
4	720920106004	NANDHAKUMAR Y
5	720920106006	T SATHISHKUMAR
6	720920106007	STEPHEN ROY S
7	720920106009	YARRA BHANU PRAKASH
8	720920106303	SIDDARTH G
9	720919106001	FENISHA PRINCES B
10	720919106003	MALAVIKA KP
11	720919106004	MRIDULA M
12	720919106005	RAJASUBHISKSHA P
13	720919106006	SARANRAJ S
14	720919106007	VARUN N
15	720919106008	VISHNU KM
16	720919106301	ARUN.M
17	720919106302	PRAVEEN KUMAR.K
18	720918106001	ABISHA F
19	720918106003	ANOOP.R
20	720918106004	ARIF.S
21	720918106005	ARUNKUMAR S
22	720918106007	DHILSHIYA M
23	720918106009	GOPIKA ANAND K
24	720918106010	GOPINATH L
25	720918106012	JAYABHARATHI.A
26	720918106013	JERBY J J
27	720918106014	KARTHIKESWARAN R P
28	720918106015	KOYLATH ATHUL PREMARAJAN
29	720918106016	MALARKODI.R
30	720918106017	MATHEESH M
31	720918106020	MUHAMMED ANSHID.K
32	720918106021	PRIYANKA.K
33	720918106022	RAJALAKSHMI.G
34	720918106023	REJIL KRISHNAN.N.R
35	720918106024	SIVA G
36	720918106025	SREE KAVINAYA S
37	720918106026	SUBALAKSHMI.R
38	720918106027	SURIYA PRIYA.M
39	720918106028	SUSMA J V
40	720918106030	YUVARAJ M



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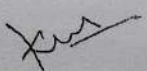
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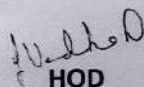
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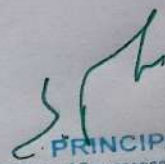
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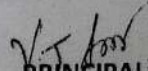
has participated in the Value added course on “PROGRAMMABLE LOGIC CONTROLLER DESIGN” at
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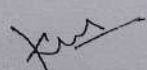
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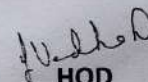
DHANUJNAI A

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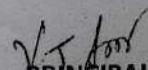

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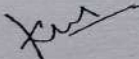
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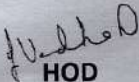
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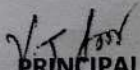
JANGAMSETTY SAIKIRAN

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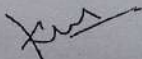
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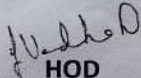
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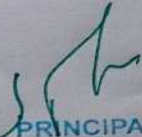
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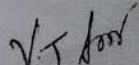
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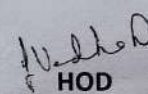
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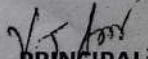
SATHISH KUMAR T

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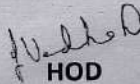
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STEPHEN ROY S

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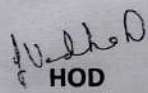
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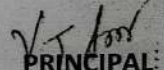
This is to certify that

YARRA BHANU PRAKASH

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SIDDARTH G

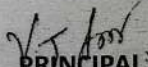
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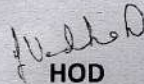
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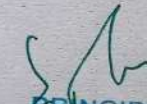
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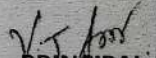
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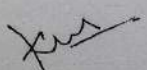
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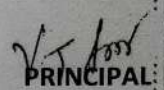
This is to certify that

MALAVIKA K P

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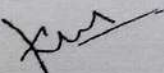
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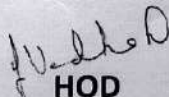
This is to certify that

MRIDULA M

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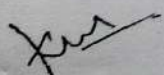
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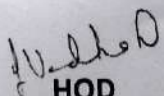
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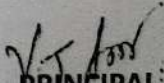
This is to certify that

RAJASUBHIKSHA P

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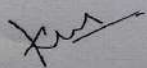
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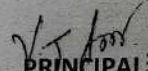
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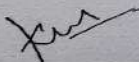
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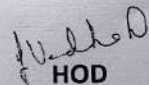
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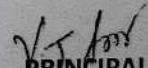
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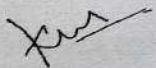
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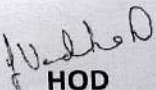
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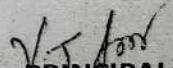
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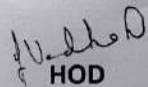
This is to certify that

VISHNU K M

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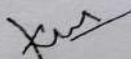
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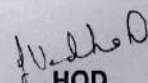
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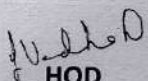
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ABISHA F

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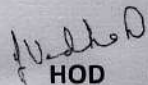
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ANOOP R

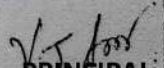
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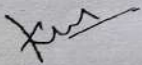
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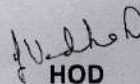
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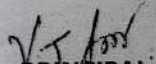
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE OF COMPLETION

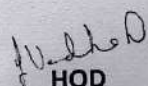
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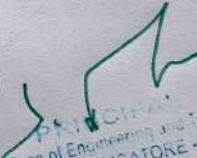
GOPIKA ANAND K

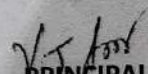
has participated in the Value added course on “**PROGRAMMABLE LOGIC CONTROLER DESIGN**” at
JCT College of Engineering and Technology, Coimbatore during 20.11.2021 to 18.12.2021 (5 days).


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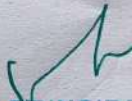
CERTIFICATE OF COMPLETION

This is to certify that

GOPINATH L

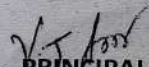
has participated in the Value added course on “**PROGRAMMABLE LOGIC CONTROLLER DESIGN**” at
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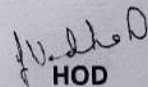
CERTIFICATE OF COMPLETION

This is to certify that

JAYABHARATHI A

has participated in the Value added course on “PROGRAMMABLE LOGIC CONTROLLER DESIGN” at
JCT College of Engineering and Technology, Coimbatore during 20.11.2021 to 18.12.2021 (5 days).


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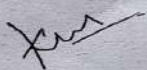
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

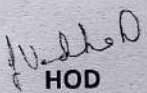
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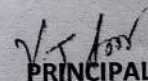
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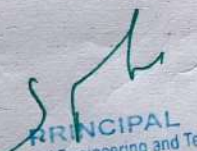
JERBY J J

has participated in the Value added course on “**PROGRAMMABLE LOGIC CONTROLER DESIGN**” at
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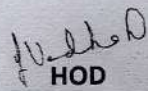
KARTHIKESWARAN R P

has participated in the Value added course on “**PROGRAMMABLE LOGIC CONTROLER DESIGN**” at
JCT College of Engineering and Technology, Coimbatore during 20.11.2021 to 18.12.2021 (5 days).


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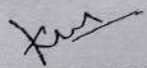
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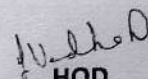
This is to certify that

KOYLATH ATHUL PREMARAJAN

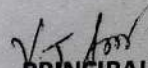
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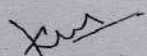
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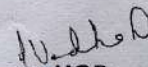
This is to certify that

MALARKODI R

has participated in the Value added course on “**PROGRAMMABLE LOGIC CONTROLLER DESIGN**” at
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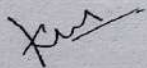
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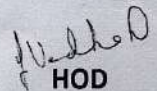
This is to certify that

MATHEESH M

has participated in the Value added course on “**PROGRAMMABLE LOGIC CONTROLLER DESIGN**” at
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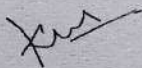
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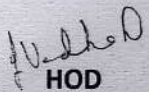
MUHAMMED ANSHID K

has participated in the Value added course on “**PROGRAMMABLE LOGIC CONTROLLER DESIGN**” at
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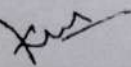
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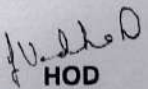
This is to certify that

PRIYANKA K

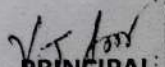
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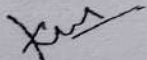
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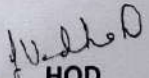
This is to certify that

RAJA LAKSHMI G

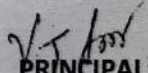
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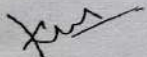
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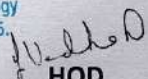
This is to certify that

REJIL KRISHNAN N R

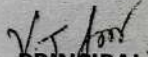
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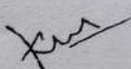
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE OF COMPLETION

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SIVA G

has participated in the Value added course on “**PROGRAMMABLE LOGIC CONTROLLER DESIGN**” at
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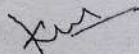
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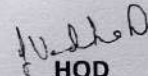
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SREE KAVINAYA S

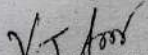
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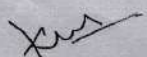
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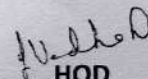
This is to certify that

SUSMA J V

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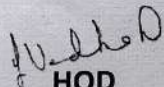
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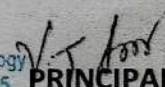
SUBALAKSHMI R

has participated in the Value added course on “**PROGRAMMABLE LOGIC CONTROLLER DESIGN**” at
JCT College of Engineering and Technology, Coimbatore during 20.11.2021 to 18.12.2021 (5 days).


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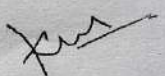
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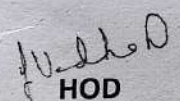
This is to certify that

YUVARAJ M

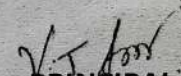
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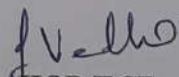

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REPORT ON PROGRAMMABLE LOGIC CONTROLLER DESIGNING

The Department of Electronics and communication Engineering organized a Vocational educational Career Program on **PROGRAMMABLE LOGIC CONTROLLER DESIGNING**, from 20/11/2021 to 18/12/2019 (Saturdays) .The resource person for this program was **Mr.M.Kannan** internal faculty of ECE Department. The program started with the prayer song. The welcome address was given by Mr.K.Babu, Assistant Professor, Department of Electronics and communication Engineering. The Felicitation address was given by Dr.V.J.Arulkarthick, Principal of JCT College of Engineering and Technology, Coimbatore. He has first given an introduction about programmable logic controller which has a major impact on the way in which a PLC works, and therefore if the designed in an effective way, then the circuit will perform more reliably and within its specification by illustrating a power point presentation and afternoon section practically developed our knowledge.



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HOD/ECE



PROGRAMMABLE LOGIC CONTROLLER DESIGNING



Pichanur, Tamil Nadu, India
Main Block, Pichanur, Tamil Nadu 641105, India
Lat 10.836837°
Long 76.879257°

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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



Department of Electronics and Communication Engineering

Student Feedback

Name of the Student: DHANUJNATH N.A Sex (M/F): M

Department: B.E. ECE E-mail: dhanujnath101@gmail.com

Address: Muthumamballam, Kozhinjampara, Palakkad Mobile: 8547736428

Students are required to rate the courses

Name of the Trainer: Mr. Kannan

[Tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Knowledge base of the teacher (as perceived by you)	✓			
2. Communication Skills (in terms of articulation and comprehensibility)		✓		
3. Sincerity / Commitment of the teacher	✓			
4. Interest generated by the teacher		✓		
5. Ability to integrate course material with environment/other issues, to provide a broader perspective	✓			
6. Ability to integrate content with other courses	✓			
7. Accessibility of the teacher in and out of the class (includes availability of the teacher to motivate further study and discussion outside class)		✓		
8. Ability to design quizzes /tests/assignments / examinations and projects to evaluate students understanding of the course	✓			
9. Provision of sufficient time for feedback		✓		
10. Overall rating	✓			



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Department of Electronics and Communication Engineering

Student Feedback

Name of the Student: Stephen Roy S Sex (M/F): Male
 Department: BE ECE E-mail: royroy999585@gmail.com
 Address: Pambuppada, Walayar Mobile: 7736817214

Students are required to rate the courses

Name of the Trainer: Mr. Kannan, M.

[Tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Knowledge base of the teacher (as perceived by you)		✓		
2. Communication Skills (in terms of articulation and comprehensibility)	✓			
3. Sincerity / Commitment of the teacher	✓			
4. Interest generated by the teacher		✓		
5. Ability to integrate course material with environment/other issues, to provide a broader perspective	✓			
6. Ability to integrate content with other courses		✓		
7. Accessibility of the teacher in and out of the class (includes availability of the teacher to motivate further study and discussion outside class)	✓			
8. Ability to design quizzes /tests/assignments / examinations and projects to evaluate students understanding of the course	✓			
9. Provision of sufficient time for feedback		✓		
10. Overall rating	✓			



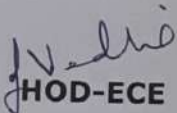
SR
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Department of Electronics and Communication Engineering

CIRCULAR

06.04.2022

We are planning to conduct a five days value added course on "**ANDROID FOR MOBILE APPLICATION**" from 25th April 2022 to 29th April 2022 in our department. So we kindly request all the students to participate in this course and update your technical knowledge.


HOD-ECE**Circulation to:**

- To be displayed on Notice Board.


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Department of Electronics and Communication Engineering

06.04.2022
Pichanur

From

D.Vedha Vinodha,
Prof & Head,
Department of Electronics and communication engineering,
JCT College of Engineering and Technology,
Coimbatore-641105.

To

The Director,
HI-TECH Electronics,
Karumandabam ,
Trichy .

Dear Sir,

Sub: Requesting for Allocating a certificating course Trainer
Expert – Reg

Greetings from JCT College of Engineering and Technology

We would like to bring to your kind notice, that we the department of Electronics and communication Engineering is in need of an certificate coursel Trainer Expert from your company for Android Domain. The Trainer will be handling classes for the II,III & IV year ECE Students during from 25.04.2022 to 29.04.2022(5 days). Sir I request you to give permission for the above at the earliest.

Thanking you

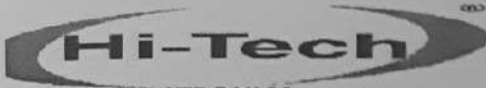
o/c
s/r
W



Yours Sincerely,

(Signature)
(D.Vedha Vinodha)

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JCT College of Engineering & Technology
PICHANUR, COIMBATORE - 641 105.



ELECTRONICS

NO.12/A, 3rd cross, Vasanth nagar, Viswas Nagar,
Karumandabam, Trichy-620 001.

phone:0431 - 2481970

E.mail:hiteel@ymail.com

T.I.N:33223562247

11.04.2022

Trichy

To

D.Vedha vinodha,
Prof & Head,
Department of Electronics and communication engineering,
JCT College of Engineering and Technology,
Coimbatore-641105.

Dear Sir,

Sub: Allocation of Trainer to your Institution -Reg

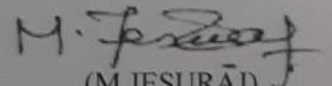
Greetings from Hi-Tech Electronics.

Here by I accept your request with Reference to your letter Dated 08.04.2022. A faculty will be allocated from ANDROID Domain from our organization for the dates mentioned in your Letter.

Thanking you

Yours Sincerely


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(M.JESURAJ)



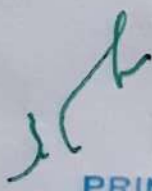
A man he who trusts in the LORD (Jesus) will prosper-proverbs 28:25

ANDROID FOR MOBILE APPLICATION

Course layout

DAYS	TOPIC
DAY-1	Android Software Development, building a sample Android application using Android Studio.
	Android Project Structure, Android Manifest File and its common settings.
	Activities, Services, Intents.
DAY-2	Permissions, Application resources.
	Basic User Interface Screen elements, Designing User Interfaces with Layouts.
	Using Content Providers, Handling Persisting Data.
DAY-3	JSON Web Service.
	Gallery, drawing 2D and 3D Graphics and Multimedia, Drawing and Working with Animation.
	Networking, Telephony and Location, Android Networking, Web and Telephony API.
DAY-4	Search, Location and Mapping, Communication, Identity, Sync and social media.
	Sensor and Hardware Programming.
DAY-5	Publishing Android Application.




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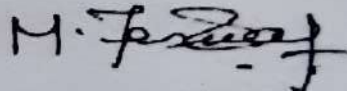
Books and references

Books

1. PGDMAD-103: Android Mobile Application Development, ISBN-978-81-940577-2-7 June 2019 by Dr. Babasaheb Ambedkar Open University.
2. PGDMAD-105: Software Lab for Android Mobile Application Development, ISBN-978-81-940577-4-7 June 2019 by Dr. Babasaheb Ambedkar Open University.
3. PGDMAD-201: Advanced Android Mobile Application, ISBN-978-81-940577-5-8 by Dr. Babasaheb Ambedkar Open University.
4. PGDMAD-203: Software Lab for Advanced Android Mobile Application, ISBN-978-81-940577-7-2 by Dr. Babasaheb Ambedkar Open University.

References

1. <https://developer.android.com>.
2. Wireless Communications & Networks, Second Edition, William Stallings by Pearson.
3. Mobile Computing Technology, Applications and service creation, Asoke K Telukder, Roopa R Yavagal by TMH.
4. Android Application Development Black Book, Pradeep Kothari, dreamtech press.
5. Wireless and mobile networks, Dr. Sunilkumar S. Manvi, Dr. Mahabaleshwar S.Kakkasageri by WILEY.
6. Wireless networks, P. Nicopolitidis, M. S. Obaidat, G.I. Papadimitriou, A.S. Pomportsis by WILEY.
7. Mobile Computing, Raj Kamal by Oxford.
8. Mobile Computing Theory and Practice-Kumkum Garg- Pearson.



Operation head & consultant



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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE-105
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ATTENDANCE REPORT



COURSE NAME: ANDROID FOR MOBILE APPLICATION

S.NO	REGISTER No	NAME	25/04/2022							26/04/2022							27/04/2022							28/04/2022							29/04/2022						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1	720920106001	BARATH P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	720920106002	DHANUJNAIN A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	720920106003	JAGAMSETTY SAIKIRAN	/	/	/	/	/	/	/	A	A	A	A	A	A	A	A																				
4	720920106004	NANDHAKUMAR Y	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	720920106006	T SATHISHKUMAR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	720920106007	STEPHEN ROY S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	720920106009	YARRA BHANU PRAKASH	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	720920106303	SIDDARTH G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	720919106001	FENISHA PRINCES B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	720919106003	MALAVIKA KP	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	720919106004	MRIDULA M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	720919106005	RAJASUBHISKSHA P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	720919106006	SARANRAJ S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	720919106007	VARUN N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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17	720919106302	PRAVEEN KUMAR.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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23	720918106009	GOPIKA ANAND K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	720918106010	GOPINATH L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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S.NO	REGISTER No	NAME
1	720920106001	BARATH P
2	720920106002	DHANUJNAI N A
3	720920106003	JAGAMSETTY SAIKIRAN
4	720920106004	NANDHAKUMAR Y
5	720920106006	T SATHISHKUMAR
6	720920106007	STEPHEN ROY S
7	720920106009	YARRA BHANU PRAKASH
8	720920106303	SIDDARTH G
9	720919106001	FENISHA PRINCES B
10	720919106003	MALAVIKA KP
11	720919106004	MRIDULA M
12	720919106005	RAJASUBHISKSHA P
13	720919106006	SARANRAJ S
14	720919106007	VARUN N
15	720919106008	VISHNU KM
16	720919106301	ARUN.M
17	720919106302	PRAVEEN KUMAR.K
18	720918106001	ABISHA F
19	720918106003	ANOOP.R
20	720918106004	ARIF.S
21	720918106005	ARUNKUMAR S
22	720918106007	DHILSHIYA M
23	720918106009	GOPIKA ANAND K
24	720918106010	GOPINATH L
25	720918106012	JAYABHARATHI.A
26	720918106013	JERBY J J
27	720918106014	KARTHIKESWARAN R P
28	720918106015	KOYLATH ATHUL PREMARAJAN
29	720918106016	MALARKODI.R
30	720918106017	MATHEESH M
31	720918106020	MUHAMMED ANSHID.K
32	720918106021	PRIYANKA.K
33	720918106022	RAJALAKSHMI.G
34	720918106023	REJIL KRISHNAN.N.R
35	720918106024	SIVA G
36	720918106025	SREE KAVINAYA S
37	720918106026	SUBALAKSHMI.R
38	720918106027	SURIYA PRIYA.M
39	720918106028	SUSMA J V
40	720918106030	YUVARAJ M



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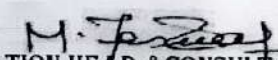
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that BARATH P has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.




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This is to certify that DHANUJNAI N A has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.



[Signature]
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[Signature]
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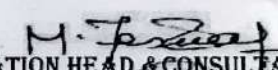
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This is to certify that S. STEPHEN ROY has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.


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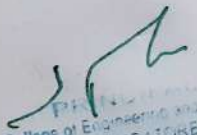


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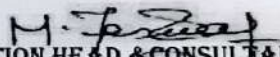
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This is to certify that YARRA BHANU PRAKASH has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.


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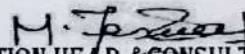
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This is to certify that NANDHA KUMAR Y has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.




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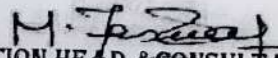
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This is to certify that T.SATHISH KUMAR has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.




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This is to certify that G.SIDDARTH has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.


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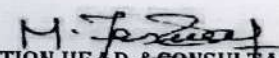
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This is to certify that B.FENISHA PRINCES has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.


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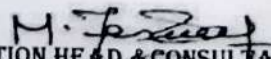
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that K.P.MALAVIKA has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.


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CERTIFICATE OF COMPLETION

This is to certify that M. MRIDULA has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.



M. Perumal
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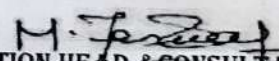
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CERTIFICATE OF COMPLETION

This is to certify that RAJASUBHISKSHA P has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.


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This is to certify that S.SARANRAJ has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.


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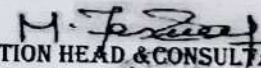
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that N.VARUN has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.




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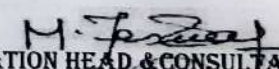
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that K.M.VISHNU has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.


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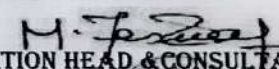
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that K.PRAVEEN KUMAR has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.


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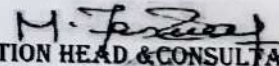
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that F.ABISHA has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.


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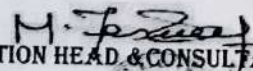
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that R.ANOOP has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.


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HI-TECH ELECTRONICS

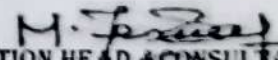
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that S.ARIF has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.




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HI-TECH ELECTRONICS

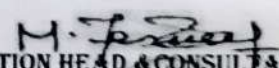
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that S.ARUN KUMAR has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.




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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.


OPERATION HEAD & CONSULTANT





HI-TECH ELECTRONICS

KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that M.DHILSHIYA has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.



M. Jeyaraj
OPERATION HEAD & CONSULTANT



[Signature]
PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



HI-TECH ELECTRONICS

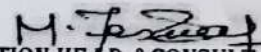
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that GOPIKA ANAND K has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.


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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105




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HI-TECH ELECTRONICS

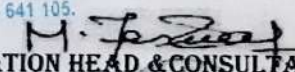
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that L.GOPINATH has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.




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JCT College of Engineering and Technology
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HI-TECH ELECTRONICS

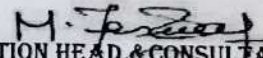
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that A.JAYABHARATHI has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.




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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.


OPERATION HEAD & CONSULTANT





HI-TECH ELECTRONICS

KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that J.J.JERBY has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.




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OPERATION HEAD & CONSULTANT





HI-TECH ELECTRONICS

KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that KARTHIKESWARAN R P has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct college of engineering and technology, pichanur, coimbatore.


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HI-TECH ELECTRONICS

KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that **KOYLATH ATHUL PREMARAJAN** has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.



M. Jeyaraj
OPERATION HEAD & CONSULTANT



[Signature]
PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 631 105.



HI-TECH ELECTRONICS

KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that R.MALARKODI has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.


PRINCIPAL
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PICHANUR, COIMBATORE - 641 105.




OPERATION HEAD & CONSULTANT





HI-TECH ELECTRONICS

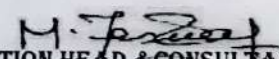
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that M.MATHEESH has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.




PRINCIPAL
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HI-TECH ELECTRONICS

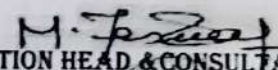
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that K.MUHAMMED ANSHID has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.




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PICHANUR, COIMBATORE - 641 105.


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HI-TECH ELECTRONICS

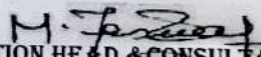
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that K.PRIYANKA has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.




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PICHANUR, COIMBATORE - 641 105.


OPERATION HEAD & CONSULTANT





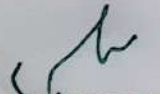
HI-TECH ELECTRONICS

KARUMANDABAM, TRICHY-620 001

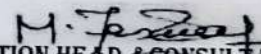
CERTIFICATE OF COMPLETION

This is to certify that G. RAJALAKSHMI has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.




PRINCIPAL

JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.


OPERATION HEAD & CONSULTANT





HI-TECH ELECTRONICS

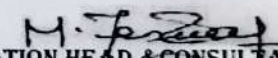
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that N.R.REJIL KRISHNAN has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.




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HI-TECH ELECTRONICS

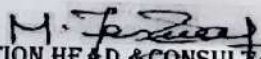
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that G.SIVA has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.




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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.


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HI-TECH ELECTRONICS

KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that S.SREE KAVINAYA has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.


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HI-TECH ELECTRONICS

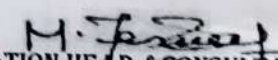
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that R.SUBALAKSHMI has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic "**android for mobile application**" at Jct College of engineering and technology, pichanur, coimbatore.




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OPERATION HEAD & CONSULTANT





HI-TECH ELECTRONICS

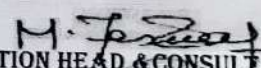
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that M.SURIYA PRIYA has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.




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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.


OPERATION HEAD & CONSULTANT





HI-TECH ELECTRONICS

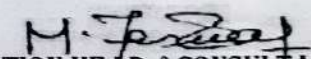
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that J.V.SUSMA has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.


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PICHANUR, COIMBATORE - 641 105.




OPERATION HEAD & CONSULTANT



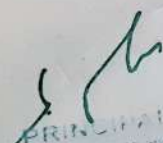


HI-TECH ELECTRONICS

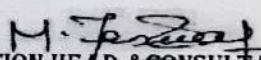
KARUMANDABAM, TRICHY-620 001

CERTIFICATE OF COMPLETION

This is to certify that M.YUVARAJ has successfully completed the certificate educational course during **25.04.22 to 29.04.22** on topic **"android for mobile application"** at Jct College of engineering and technology, pichanur, coimbatore.


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PICHANUR, COIMBATORE - 641 105.




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REPORT ON ANDROID FOR MOBILE APPLICATION

The Department of Electronics and Communication Engineering organized a certificate educational Career Program on **ANDROID FOR MOBILE APPLICATION**, from 25.04.2022 to 29.04.2022. The resource person for this program was **U.SELVI**, Trainer HI-TECH ELECTRONICS, TRICHY. The program started with the prayer song. The welcome address was given by Mr.S.Renswick, Assistant Professor, Department of Electronics and Communication Engineering. The Felicitation address was given by Dr.S.Manoharan, Principal of JCT College of Engineering and Technology, Coimbatore. The Introduction about the Chief Guest was given by Ms.B.Fenisha princess, 3rd year Electronics and Communication Engineering. The chief guest first gave an introduction about how this concept was used during ancient times which surprised everyone to know how it was implemented in life.

He went through each concept with examples and related stories, how security was affected in various fields. How to be secure in social media and cyber world were also included. He said about the applications to detect the hidden cameras all around us. He insisted about how computers are being affected by malwares and how its functioning changes after affected by such malwares. Then he talked about encrypting data while exchanging from device to device. He talked about how women folks should be aware of increasing cyber crimes and how it should be prevented. He talked about the job opportunities related to cyber security.

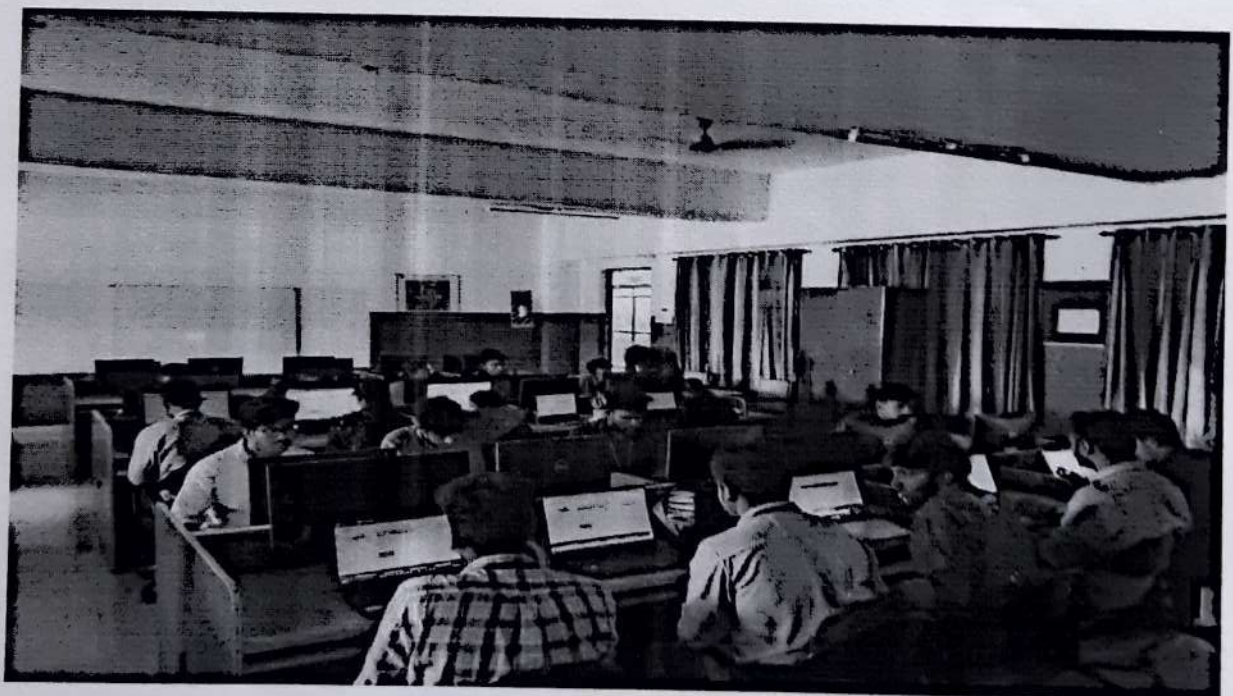
The atmosphere of the Vocational Educational Program was quite free. We learned a lot from the 5 days Program and were satisfied with the answers from the speaker. Ms.V.Susma, 4th year Electronics and Communication Engineering concluded with a vote of thanks.

J. V. Selvi
HOD/ECE



S. S. K.
PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

ANDROID FOR MOBILE APPLICATION



Department of Electronics and Communication Engineering
Student Feedback

Name of the Student: VISHNU KM Sex (M/F): MALE
 Department: ELECTRONICS E-mail: Kmv747523@gmail.com
 Address: Kizhakkethil house, thottakkara (po) 679102 Palakkad Mobile: 9605957221

Students are required to rate the courses

Name of the Trainer: SELVI U

[Tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Knowledge base of the teacher (as perceived by you)	✓			
2. Communication Skills (in terms of articulation and comprehensibility)	✓			
3. Sincerity / Commitment of the teacher		✓		
4. Interest generated by the teacher	✓			
5. Ability to integrate course material with environment/other issues, to provide a broader perspective			✓	
6. Ability to integrate content with other courses		✓		
7. Accessibility of the teacher in and out of the class (includes availability of the teacher to motivate further study and discussion outside class)		✓		
8. Ability to design quizzes /tests/assignments / examinations and projects to evaluate students understanding of the course	✓			
9. Provision of sufficient time for feedback		✓		
10. Overall rating		✓		




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 PICHANUR, COIMBATORE - 641 105

Department of Electronics and Communication Engineering

Student Feedback

Name of the Student: SARANJAY S Sex (M/F): MALEDepartment: ECE E-mail: Saranjay01072002@gmail.comAddress: KALLAKURICHA Mobile: 9360263915

Students are required to rate the courses

Name of the Trainer: SELVI U

[Tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Knowledge base of the teacher (as perceived by you)	✓			
2. Communication Skills (in terms of articulation and comprehensibility)			✓	
3. Sincerity / Commitment of the teacher		✓		
4. Interest generated by the teacher		✓		
5. Ability to integrate course material with environment/other issues, to provide a broader perspective	✓			
6. Ability to integrate content with other courses	✓	✓		
7. Accessibility of the teacher in and out of the class (includes availability of the teacher to motivate further study and discussion outside class)			✓	
8. Ability to design quizzes /tests/assignments / examinations and projects to evaluate students understanding of the course		✓		
9. Provision of sufficient time for feedback	✓			
10. Overall rating	✓			




PRINCIPAL

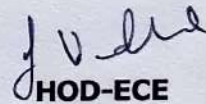
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

Department of Electronics and Communication Engineering

CIRCULAR

22.05.2022

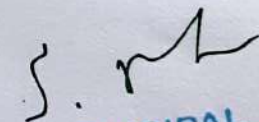
Our Department has arranged the Vocational Education Career courses for our second year & third year students in order to fulfill our vision to create industry ready Engineers. Vocational courses are job oriented training programs. Mainly focus on instilling trade-wise skills in students. For this we are bringing the Industrial experts from **Caliber Embedded technologies India Pvt Ltd., Coimbatore** to take classes on **Internet of things with Raspberry Pi** from 01.06.22 to 20.06.22 during the semester holidays. All the students must attend these courses without fail. Contact your Class advisor for further information.


HOD-ECE



Circulation to:

- II, III, IV ECE Class Room
- To be displayed on Notice Board.


PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

7.05.2022,
Pichanur

From

Prof. Vedha Vinodha.D,
Head of the department,
Department of Electronics and communication engineering,
JCT College of Engineering and Technology,
Coimbatore-641105.

To

Principal,
JCT College of Engineering and Technology,
Coimbatore-641105.

Permitted -
S. S. 7/5/22

Respected Sir,

Sub: Requesting for conducting a Vocational Educational Training program - Reg

We would like to bring to your kind notice, that we the department of Electronics and communication Engineering is in need of an Vocational Educational Training program on topic "**Internet of things with Raspberry Pi**" in regard with Embedded Domain. The resource person for this program was **Mr. Mathan Prasad, Caiber Embedded technologies India Private Ltd.**, Coimbatore. He will be handling classes for the ECE students during semester holidays from 01.06.22 to 20.06.22.

I ensure you that this program is purely beyond the syllabus which will enrich the student's technical knowledge. Sir I request you to give permission for the above at the earliest.

Thanking you

Yours Sincerely,

P. Vedha Vinodha.D.
Prof. Vedha Vinodha.D,





JCT
College of Engineering and Technology

17.05.2022
Pichanur

From

Prof. Vedha Vinodha.D,
Head of the department,
Department of Electronics and communication engineering,
JCT College of Engineering and Technology,
Coimbatore-641105.

To

The Director,
Caliber embedded technologies Pvt. Ltd,
No:301,SriLakshmiComplex,
Crosscut Road, (Opp. Chennai Silks),
Gandhipuram,
Coimbatore-641012

Dear Sir,

Greetings from JCT College of Engineering and Technology

Sub: Requesting for Allocating a Vocational Educational Trainer Expert – Reg

We would like to bring to your kind notice, that we the department of Electronics and communication Engineering is in need of an Vocational Educational Trainer Expert on topic **"Internet of things with Raspberry Pi"** from your company for Embedded Domain. The Trainer will be handling classes for the ECE students during semester holidays from 01.06.22 to 20.06.22. Sir I request you to give permission for the above at the earliest.

Please let us know if you will require any Audio-Visual Equipments or additional technical support. Also, please keep us informed of the travel itinerary.

We look forward to your presence and guidance.

Thanking you



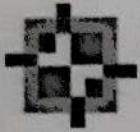
Yours Sincerely,

Vedha
Prof. Vedha Vinodha.D,

PRINCIPAL

JCT College of Engineering and Technology
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Pichanur, coimbatore-641 105 Tamil Nadu INDIA Phone: +91 422 2636900 Fax: +91 422 2636901 Email :info@jct.ac.in www.jct.ac.in



Caliber Embedded
Technologies India (P) Ltd.

No: 301, Sri Lakshmi Complex,
Crosscut Road, (Opp. Chennai Silks), Gandhipuram.
Telephone: + 91 422 4270987
FAX: + 91 422 4270987
E-mail: info@betatech.in
Website: www.betatech.in

To

Prof. Vedha Vinodha.D,
Head of the department,
Department of Electronics and communication engineering,
JCT College of Engineering and Technology,
Coimbatore-641105.

Dear Sir,

Sub: Allocation of Trainer to your Institution –Reg

Greetings from Caliber embedded technologies Pvt. Ltd.

Here by I accept your request with Reference to your letter dated 17.05.2022. A faculty will be allocated from Embedded Domain from our organization for the dates mentioned in your Letter.

Thanking you



For Caliber Embedded Technologies
India (P) Ltd.

K. B. Thirumurugan
Director

Mr. S. Thirumurugan Director

S. S. S.

PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



SCHEDULE OF TRAINING PROGRAM (Academic year 2021-22)

Program Name: Internet of Things with Raspberry Pi (IoT)

Branch: ECE

Date	Session I (9.00am -10.30am)	Break	Session II (10.45am -12.15pm)	Lunch Break	Session III (1.30pm -3.00pm)	Break	Session IV (3.15pm - 4.45pm)
01-06-2022	Inauguration		Raspberry PI-Introduction		Different Models of Raspberry Pi		Peripherals of Raspberry Pi
02-06-2022	Applications of Raspberry Pi		Future of Micro Computing		Different Operating Systems for Raspberry pi		Getting Started with NOOBS
03-06-2022	Getting things ready for first use		NOOBS OS inside out		Bootting for the First time		Hands on session
04-06-2022	Introduction to Microcontroller		Diff B/w Microcontroller and Microprocessor		Hands on session		Hands on session
05-06-2022	Architecture and Hardware specifications		Introduction to ARM		GPIOs		GPIOs
06-06-2022	Introduction to Programming		Introduction to Programming		Introduction to Scratch Programming		Introduction to Scratch Programming
07-06-2022	History of Scratch		Basic of Scratch		Basic of Scratch		Hands on session
08-06-2022	My first program on scratch		My first program on scratch		Led Blinking using Scratch		Led Blinking using Scratch
09-06-2022	Setting up Raspberry PI		Setting up Raspberry PI		Flashing the loading the SD card with the OS		Flashing the loading the SD card with the OS
10-06-2022	Bootting the OS		Bootting the OS		Hands on session		Hands on session
16-06-2022	Intro of items on the desktop (Debian Linux/ Wheezy)		Intro of items on the desktop (Debian Linux/ Wheezy)		Intro of items on the desktop (Debian Linux/ Wheezy)		Hands on session
17-06-2022	Enabling GPIO pins		Enabling GPIO pins		Enabling GPIO pins		Hands on session
18-06-2022	LED interfacing using the GPIO		LED Interfacing using the GPIO		LED interfacing using the GPIO		Data Store on cloud
19-06-2022	Weather monitoring system		Weather monitoring system		Weather monitoring system		Hands on session
20-06-2022	Data Store on cloud		Data Store on cloud		TEST		Valedictory

M. J. J. (Training Co-ordinator)



J. S. (HOD/ECE)

P. S. (Principal)
Pichay Engineering and Technology Institute
BANGALORE - 641 11

Internet of Things with Raspberry Pi (IoT)

Skill set:

- Provide knowledge for the students to innovate new designs and products at home.
- To educate the students about IoT design considerations, constraints and interfacing between the physical world and your device will also be covered. You will also learn how to make design trade-offs between hardware and software.
- To understand about programming and the domain where Programming is vital.

Course contents:

Introduction to Raspberry Pi:

Different Models of Raspberry Pi - Why Raspberry Pi - Peripherals of Raspberry Pi - Applications of Raspberry Pi - Future of Micro Computing.

Preparing Your Raspberry Pi for First Use:

Different Operating Systems for Raspberry pi - Getting Started With NOOBS - Getting things ready for first use - NOOBS OS inside out - Booting for the First time.

Introduction to Microcontroller:

Diff B/w Microcontroller and Microprocessor - Introduction to Raspberry Pi - Architecture and Hardware specifications - Introduction to ARM - GPIOs

Introduction to Programming:

Introduction to Scratch Programming - History and basic of Scratch - My first program on scratch - Led Blinking using Scratch

Hands-on session:

Setting up Raspberry PI - Flashing the loading the SD card with the OS - Booting the OS - Intro of items on the desktop (Debian Linux/ Wheezy)- Enabling GPIO pins - LED interfacing using the GPIO - Whether monitoring system - Data Store on cloud

Outcome:

Upon completing this course, students will be able to:

- To understand the term "Internet of Things" and state the technological trends which have led to IoT
- To analyze the impact of IoT on society and define what an embedded system is in terms of its interface
- To Enumerate and describe the components of an embedded system and describe the interactions of embedded systems with the physical world




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ATTENDANCE SHEET FOR VOCATIONAL EDUCATIONAL PROGRAM

Academic year 2021-2022

Name of the Trainer: *Mr. Mathan Prasad* . Name of the Program: *Internet of Things with Raspberry Pi*

Sl. No:	Name of Student	1/6	2/6	3/6	4/6	5/6	6/6	7/6	8/6	9/6	10/6	11/6	12/6	13/6	14/6	15/6	16/6	17/6	18/6	19/6	20/6
1	ABISHA F	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	ANOOP.R	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
3	ARIF.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	ARUNKUMAR S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	DHILSHIYA M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	GOPIKA ANAND K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	GOPINATH L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	JAYABHARATHIA	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	JERBY JJ	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
10	KARTHIKESWARAN R P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	KOYLATH ATHUL PREMARAJAN	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/



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Department of Electronics & communication engineering

12	MALARKODI.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	MATHEESH M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	MUHAMMED ANSHID.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	PRIYANKA.K	/	a	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
16	RAJALAKSHMI.G	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
17	REJIL KRISHNAN.N.R	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	SIVA G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	SREE KAVINAYA S	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
20	SUBALAKSHMI.R	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	SURIYA PRIYA.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	SUSMA J V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/
23	YUVARAJ M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	DHANUJNAIN A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	JANGAMSETTY SAI KIRAN	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	NANDHAKUMAR Y	/	/	/	/	/	/	a	/	/	/	/	/	/	/	a	/	/	/
27	T SATHISHKUMAR	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/



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Signature of HOD

Sl.no	Register Number	Name of the Student
1	720918106001	ABISHA F
2	720918106003	ANOOP.R
3	720918106004	ARIF.S
4	720918106005	ARUNKUMAR S
5	720918106007	DHILSHIYA M
6	720918106009	GOPIKA ANAND K
7	720918106010	GOPINATH L
8	720918106012	JAYABHARATHI.A
9	720918106013	JERBY J J
10	720918106014	KARTHIKESWARAN R P
11	720918106015	KOYLATH ATHUL PREMARAJAN
12	720918106016	MALARKODI.R
13	720918106017	MATHEESH M
14	720918106020	MUHAMMED ANSHID.K
15	720918106021	PRIYANKA.K
16	720918106022	RAJALAKSHMI.G
17	720918106023	REJIL KRISHNAN.N.R
18	720918106024	SIVA G
19	720918106025	SREE KAVINAYA S
20	720918106026	SUBALAKSHMI.R
21	720918106027	SURIYA PRIYA.M
22	720918106028	SUSMA J V
23	720918106030	YUVARAJ M
24	720920106002	DHANUJNAI N A
25	720920106003	JANGAMSETTY SAI KIRAN
26	720920106004	NANDHAKUMAR Y
27	720920106006	T SATHISHKUMAR
28	720920106007	STEPHEN ROY



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29	720920106303	SIDDARTH G
30	720920106301	BARATH P
31	720920106309	YARRA BANU PRAKASH
32	720919106001	FENISHA PRINCESS.B
33	720919106003	MALAVIKA K.P
34	720919106004	MRIDULA.M
35	720919106005	RAJASUBHIKSHA P
36	720919106006	SARANRAJ S
37	720919106007	VARUN N
38	720919106008	VISHNU K M
39	720919106301	ARUN M
40	720919106302	PRAVEEN KUMAR K



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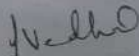
This is to certify that

Abisha. F

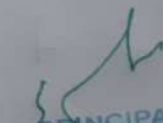
has successfully completed the Vocational Educational Course
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Anoop R.

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Arun Kumar . S

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Dhishiya. M

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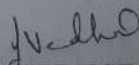
has successfully completed the Vocational Educational Course

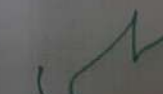
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Jerby. J. J

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Karthi Keswaran R.P

has successfully completed the Vocational Educational Course

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Koylath Athul Premarajan

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Malarkodi . R

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Matheesh. M

has successfully completed the Vocational Educational Course

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This is to certify that

Muhammed Anshid . K .

has successfully completed the Vocational Educational Course

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Prizanka . K

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Rajalakshmi . G

has successfully completed the Vocational Educational Course
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Rejil Kaishman. N. R

has successfully completed the Vocational Educational Course
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Siva. G

has successfully completed the Vocational Educational Course

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This is to certify that

Sree Kavinaya S.

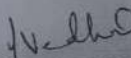
has successfully completed the Vocational Educational Course

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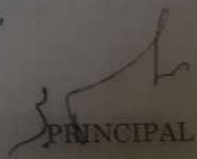
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This is to certify that

Subalakshmi . R

has successfully completed the Vocational Educational Course

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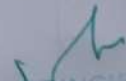
Sureiya Praya M

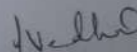
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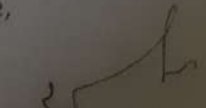
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This is to certify that

Susma J.V

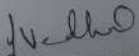
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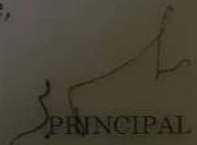
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This is to certify that

Yuvaraj. M

has successfully completed the Vocational Educational Course

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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This is to certify that

Dhanujnair N.A

has successfully completed the Vocational Educational Course

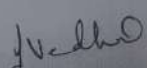
from 01.06.22 to 20.06.22 on topic “Internet of things with raspberry Pi” at

JCT College of Engineering and Technology, Pichanur, Coimbatore,

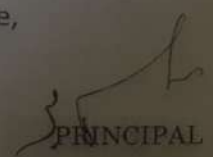

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This is to certify that

Tangamsetty Sai Kiran

has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic "Internet of things with raspberry Pi" at

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This is to certify that

Nandhakumar. Y

has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic “Internet of things with raspberry Pi” at

JCT College of Engineering and Technology, Pichanur, Coimbatore,

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This is to certify that

T. Sathish Kumar

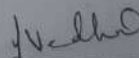
has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic “Internet of things with raspberry Pi” at

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This is to certify that

Stephen Roy

has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic “Internet of things with raspberry Pi” at

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This is to certify that

Barath P.

has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic "Internet of things with raspberry Pi" at

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This is to certify that

Yara Bann Prakash.

has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic "Internet of things with raspberry Pi" at

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This is to certify that

Siddarth . G

has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic “Internet of things with raspberry Pi” at

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This is to certify that

Femisha Princess . B .

has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic "Internet of things with raspberry Pi" at

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This is to certify that

Malavika . K . P

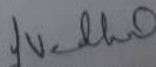
has successfully completed the Vocational Educational Course

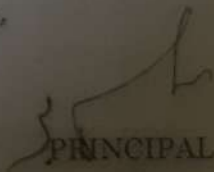
from 01.06.22 to 20.06.22 on topic "Internet of things with raspberry Pi" at

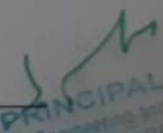
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This is to certify that

Meridula M

has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic "Internet of things with raspberry Pi" at

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This is to certify that

Raja subiksha. P.

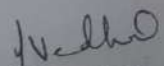
has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic "Internet of things with raspberry Pi" at

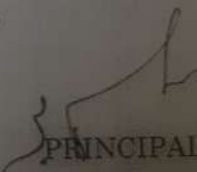
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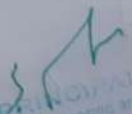
Saranraj. S

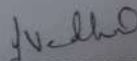
has successfully completed the Vocational Educational Course

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This is to certify that

Vamnn. N

has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic “Internet of things with raspberry Pi” at

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This is to certify that

Vishnu K.M

has successfully completed the Vocational Educational Course

from 01.06.22 to 20.06.22 on topic **"Internet of things with raspberry Pi"** at

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Report on Internet of things with Raspberry Pi

The Department of Electronics and communication Engineering organized a Vocational educational Career Program on **Internet of things with Raspberry Pi** from 01.06.22 to 20.06.22. The resource person for this program was **Mr.Mathan Prasad, Caiber Embedded technologies India Pvt Ltd.,** Coimbatore. The program started with the prayer song. HoD of ECE Prof. Vedha Vinodha.D, welcomes the gathering followed by the presidential address of principal Dr.S.Manoharan. Chief Guests gave the inaugural address on core industrial needs, expectation from the engineers for molding the engineers. The Inaugural function was concluded with the vote of thanks by Yuvaraj.M, final year of ECE Department.

The Internet of Things had been around for a while (since 1982 apparently) but it's still a bit of a mystery to many. Raspberry Pi is a fully-functional single-board computer with a Broadcom processor, while others are microcontroller based physical computing platforms. On Raspberry Pi, you can run operating system like Linux, Free BSD, and even Windows 10 from a micro SD card. Plug it into a monitor, keyboard, and a mouse; you have a full graphical user-interface of an OS of your choice. The Internet of Things (IoT) ideology can be looked as a highly dynamic and radically distributed networked system composed of a very large number of identifiable smart objects. These objects are able to communicate and to interact among themselves, with end-users or other entities in the network. Entering the era of Internet of Things, the use of small, cheap and flexible computer hardware that allow end-user programming become present. One of them, considered in this paper, is the Raspberry Pi, fully customizable and programmable small computer board. Comparative analysis of its key elements and performances with some of current existing IoT prototype platforms have shown that despite few disadvantages, the Raspberry Pi remains an inexpensive computer with its very successfully usage in diverse range of research applications in IoT vision.

Hands on training session also included in this program. We learned a lot from the 15 days program and were satisfied with the answers from the intern. The program ended up with national anthem.



Sch

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Vedha
HOD/ECE



Signature

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Course Feedback Form

Dear Participant,

Thank you for participating in Internet of Things with Raspberry Pi (IoT) course from 1st June to 20th June 2022. In order to improve our training courses we kindly ask you to fill in this feedback form.

Basic Information	
1	Name Rejil Keishman . N . R .
2	College JCT College of Engineering & Technology
3	Sem/Year VIII / IV
4	Department ECE .
5	Instructor Name Mathan Prasad .
6	Date of training 1 - 06 . 2022 to 20 . 06 . 2022 .

Please fill out the following sections in accordance to your agreement or satisfaction with the following questions. Mark or circle each question with your response.

Legend

5... 😊	4... 😊	3... 😐	2... ☹️	1... ☹️
Strongly Agree or Highly Satisfied	Agree or Reasonably Satisfied	Neutral	Disagree or Dissatisfied	Strongly Disagree or Highly Dissatisfied

Overall Course Feedback		😊	😊	😊	☹️	☹️
1	I was satisfied with the training course provided by Caliber.	✓	4	3	2	1
2	My teaching improved following attending the vocational course.	5	✓	3	2	1
3	I have used the skills acquired in the vocational course in my day to day teaching practice.	5	✓	3	2	1
4	I would recommend attending Caliber teacher training too the teachers in my college.	5	4	✓	2	1





3.Course Structure and Documentation		😊	😊	😊	😊	😊
1	The course documentation was of good quality	5	4	3	2	1
2	The documentation was presented in a clear and understandable way	5	4	3	2	1
3	The course was structured to your satisfaction	5	4	3	2	1
4	The exercises and practical work for the course was useful and enabled structured learning on the topic	5	4	3	2	1

4.Course Instruction and Delivery		😊	😊	😊	😊	😊
1	How would you rate the Instructor for this course?	5	4	3	2	1
2	The Instructor demonstrated a clear understanding of the course subject	5	4	3	2	1
3	The Instructor answered all your questions to your satisfaction	5	4	3	2	1

5.Training Facilities		😊	😊	😊	😊	😊
5	How would you rate the Training Facilities for this course?	5	4	3	2	1

6.Further Information	
1	What did you find especially well about this course? <i>Course presentation and practical session was very well done.</i>
2	How could the course be improved in the future? <i>NIL.</i>
3	Any other comments? <i>NIL.</i>





JCT
COLLEGE OF ENGINEERING
AND TECHNOLOGY

Dr. K. Geetha
HoD/EEE

Date: 13-07-2021

From

The Head of the Department,
Department of Electrical & Electronics Engineering,
JCT College of Engineering and Technology.
Coimbatore – 641105.

To

Mr. Ajith Surendran,
Regional Manager,
IPCS Automation,
Coimbatore – 641009.

Dear Sir,

Sub: Inviting for Five days Value added course on "**Industrial Automation with PLC**" - Reg.
As a part of our curriculum we are conducting five days value added course for the benefits of students. In this connection we request to handle a session for "**Industrial Automation with PLC**" from 09-08-2021 to 13-08-2021. Kindly accept our invitation and acknowledge.

Thanking You


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PICHANUR, COIMBATORE - 641 105.




Dr. K. GEETHA, M.E., Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.

JCT College of Engineering and Technology

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

Pichanur, Coimbatore-641 105 Tamil Nadu INDIA Phone: +91 422 2636900 Fax: +91 422 2636901 Email: info@jct.ac.in www.jct.ac.in

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE - 641105
Department of Electrical and Electronics Engineering



Date: 23.07.2021

From

Dr. K. Geetha
The Head of the Department
Department of EEE
JCT College of Engineering and Technology
Pichanur, Coimbatore-641105

To
The Principal
JCT College of Engineering and Technology
Coimbatore

Respected Sir,

Sub: Requesting to conduct Five Days value added course on "**Industrial Automation with PLC**" from 09.08.2021 to 13.08.2021 – Reg.

We have planned to conduct Five Days value added course on "Industrial Automation with PLC" for the students of EEE department. We are inviting Mr. Ajith Surendran, Regional Manager, IPCS Automation, Coimbatore to conduct Five Days Workshop on Industrial Automation with PLC from 09.08.2021 to 13.08.2021 (5 days). We need your kind permission and co-operation to conduct the workshop in a grand success.

Thanking You,

With regards,


PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.




Dr.K.GEETHA, M.E., Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

Date: 23-07-2021

It is here by informed that the department of EEE is organizing five days Value added course on "**Industrial Automation with PLC**" on 09-08.2021 to 13-08-2021 in the seminar hall. The chief guest Mr.Ajith Surendran, Regional Manager, IPCS Automation, Coimbatore will grant the workshop. The students of Second year EEE are instructed to attend the course without fail.

Date: 09-08-2021

Venue: Seminar Hall

Time: 9.10 AM

To be read in:

- 1) Second Year EEE

Copy to:

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board


Dr.K.GEETHA, M.E., Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Industrial Automation using PLC Syllabus		
Total Duration : 35 Hours		
DAY	TOPICS	HOURS
09-08-2021	Introduction about industrial automation History of industrial automation Need of automations in industries Example for industrial automation Automation control circuit and power circuit Control system in Industry Field Instruments Types and working of field devices Automation using relays and field devices Examples for relays and field devices Logical functions done by relays and field devices	7
10-08-2021	History of PLC Architecture of PLC CPU IO Modules Power Supply and Communications Input and Output Devices Need of PLC for Industrial Automation Types of PLC Models Introduction about PLC Programming Types of Programming Languages Introduction about PLC Programming software Ladder logic diagram	7
11-08-2021	Structure of program Procedure for creating ladder diagram Logical function done by ladder program in software Interlocking & Trip concept Types of interlocking Need of interlocking Timers Types of timers Example Problem for automation using timers Need for counters Types of counters Example for automation using counters Jump and subroutine Importance of loop instruction	7

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Industrial Automation using PLC Syllabus		
Total Duration :35 Hours		
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11-08-2021	Structure of program Procedure for creating ladder diagram Logical function done by ladder program in software Interlocking & Trip concept Types of interlocking Need of interlocking Timers Types of timers Example Problem for automation using timers Need for counters Types of counters Example for automation using counters Jump and subroutine Importance of loop instruction	7

12-08-2021	Automation using Jump and Subroutine. Example Problems Rockwell Automation-AB PLC Software Working with AB PLC Software Rslink Classic Working Environment RSLogix Emulator Settings Simulation Exercises in RSLogix 500 & RSLogix 5000 Upload and Download Program. AB PLC Panel Board Wiring. Introduction about analog devices Interfacing analog devices to PLC Math function in FBD programming Bit function Other instructions	7
13-08-2021	Shift and Rotate Instructions Math function Compare and Compute Functions Scaling Concept Explain about PI, PD, PID operation Explain control of conveyor system Develop the ladder program for conveyor system Execute the logic [relay] functions by using functional block Difference between auto control and manual control Explain suitable example for auto control with manual control Example for auto and manual control process and run in plc Explain about traffic light control Develop ladder program for traffic light control Develop FBD for traffic light control and run in PLC	7



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JCT College of Engineering and Technology
Coimbatore - 641 105.



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD ON COURSE: Industrial Automation with PLC

ATTENDANCE SHEET

S.NO.	REG NO.	NAME	9/8/2021		10/8/2021		11/8/2021		12/8/2021		13-08-2021	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720920105001	ABDUL KARIM ANSARI	/	/	/	/	/	/	/	/	/	/
2	720920105003	CHOTTU KUMAR	/	/	/	/	/	/	/	/	/	/
3	720920105004	JARWAN KUMAR	/	/	/	/	/	/	/	/	/	/
4	720920105005	JAYAPRAKASH A	/	/	/	/	/	/	/	/	/	/
5	720920105007	LAKHINDAR KUMAR T	/	/	/	/	/	/	/	/	/	/
6	720920105010	MD SADDAM HUSSAIN	/	/	/	/	/	/	/	/	/	/
7	720920105011	MRIDHUL RAJU	/	/	/	/	/	/	/	/	/	/
8	720920105012	PRINCE KUMAR GUPTA	/	/	/	/	/	/	/	/	/	/
9	720920105014	RITIK KUMAR	/	/	/	/	/	/	/	/	/	/
10	720920105015	SANOJ KUMAR	/	/	/	/	/	/	/	/	/	/
11	720920105016	SARAVANAN B	/	/	/	/	/	/	/	/	/	/
12	720920105017	SARVESH KUMAR	/	/	/	/	/	/	/	/	/	/
13	720920105018	SHAHABUDDIN MANSURI	/	/	/	/	/	/	/	/	/	/
14	720920105019	SIDIL JOHNSON	/	/	/	/	/	/	/	/	/	/
15	720920105021	VISHNU B	/	/	/	/	/	/	/	/	/	/
16	720920105301	AMARNATH M	/	/	/	/	/	/	/	/	/	/
17	720920105302	ASHIQ S	/	/	/	/	/	/	/	/	/	/
18	720920105303	ASWIN R	/	/	ab	ab	/	ab	ab	ab	/	ab
19	720920105304	AYYAPPADAS K.M	/	/	/	/	/	/	/	/	/	/
20	720920105305	DIKUL	/	/	/	/	/	/	/	/	/	/
21	720920105306	FUHAD K	/	/	/	/	/	/	/	/	/	/
22	720920105308	HARIKRISHNAN T	/	/	/	/	/	/	/	/	/	/
23	720920105310	RESHMA G	/	/	/	/	/	/	/	/	/	/
24	720920105311	SRIKANTH M	/	/	/	/	/	/	/	/	/	/
25	720920105312	MANASA G	/	/	/	/	/	/	/	/	/	/
26	720920105313	VENKATA SANTHOSH	/	/	/	/	/	/	/	/	/	/

Note: 7 hours per day



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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105



Department of Electrical and Electronics Engineering
(Accredited by NBA)

Certificate of Completion

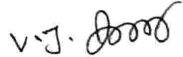
Mr. / ~~Ms.~~ / ~~Dr.~~ / ~~Prof.~~ Chobba Kumar of
JCT College of Engineering and Technology has completed the

course on "Industrial Automation with PLC" for five days conducted by the department of
Electrical and Electronics Engineering from 09.08.2021 to 13.08.2021 at JCT College of
Engineering and Technology, Coimbatore.


Mr. V. Sridhar
Convenor


Dr. K. Geetha
HoD




Dr. V. J. Arul Karthick
Principal


PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

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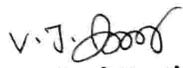
Mr. / ~~Ms.~~ / ~~Dr.~~ / ~~Prof.~~ Saravanan . B of
JCT College of Engineering and Technology has completed the

course on "Industrial Automation with PLC" for five days conducted by the department of
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Mr. / ~~Ms.~~ / ~~Dr.~~ / Prof. PUGAZHENTHI . S of

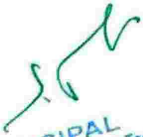
JCT College of Engineering and Technology _____ has completed the

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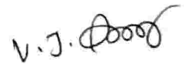
Engineering and Technology, Coimbatore.


Mr. V. Sridhar
Convenor


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PICHANUR, COIMBATORE - 641 105.


Dr. K. Geetha
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Department of Electrical and Electronics Engineering
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Mr. / Ms. / Dr. / Prof. THILAGESH. T of
JCT College of Engineering and Technology has completed the

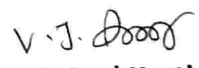
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Mr. V. Sridhar
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PRINCIPAL


Dr. K. Geetha
HoD




Dr. V. J. Arul Karthick
Principal

JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

Department of Electrical and Electronics Engineering**FEED BACK FORM**

Title : Industrial Automation with PLC

Student Name : SARAVANAN. B.

Year/Semester : II / III

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	1	2	3	4	5
2. Ability to explain and illustrate concepts	1	2	3	4	5
3. Ability to answer questions completely.	1	2	3	4	5
Please rate the content and structure of the training					
4. The usefulness of the information.	1	2	3	4	5
5. The structure of the workshop session(s).	1	2	3	4	5
6. The pace of the workshop session(s).	1	2	3	4	5
7. The convenience of the workshop schedule	1	2	3	4	5
8. The usefulness of the workshop materials	1	2	3	4	5
9. Was this workshop appropriate for your level of experience?	1	2	3	4	5

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Department of Electrical and Electronics Engineering

FEED BACK FORM

Title : Industrial Automation with PLC

Student Name : Dinku L

Year/Semester : II / III

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	1	2	3	4	5
2. Ability to explain and illustrate concepts	1	2	3	4	5
3. Ability to answer questions completely.	1	2	3	4	5
Please rate the content and structure of the training					
4. The usefulness of the information.	1	2	3	4	5
5. The structure of the workshop session(s).	1	2	3	4	5
6. The pace of the workshop session(s).	1	2	3	4	5
7. The convenience of the workshop schedule	1	2	3	4	5
8. The usefulness of the workshop materials	1	2	3	4	5
9. Was this workshop appropriate for your level of experience?	1	2	3	4	5


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Department of Electrical and Electronics Engineering**FEED BACK FORM**

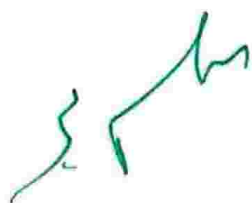
Title : Industrial Automation with PLC

Student Name : Amaranth . MYear/Semester : II / III

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	☐	☐	☐	☐	☒
2. Ability to explain and illustrate concepts	☐	☐	☐	☐	☒
3. Ability to answer questions completely.	☐	☐	☐	☐	☒
Please rate the content and structure of the training					
4. The usefulness of the information.	☐	☐	☐	☐	☒
5. The structure of the workshop session(s).	☐	☐	☐	☐	☒
6. The pace of the workshop session(s).	☐	☐	☐	☐	☒
7. The convenience of the workshop schedule	☐	☐	☐	☐	☒
8. The usefulness of the workshop materials	☐	☐	☐	☐	☒
9. Was this workshop appropriate for your level of experience?	☐	☐	☐	☐	☒



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Dr. K. Geetha
HoD/EEE

Date: 01-10-2021

From

The Head of the Department,
Department of Electrical & Electronics Engineering,
JCT College of Engineering and Technology.
Coimbatore – 641105.

To

Mr. Ajith Surendran,
Regional Manager,
IPCS Automation,
Coimbatore – 641009.

Dear Sir,

Sub: Inviting for Five days Value added course on "**Process Visualization with HMI & PLC**" - Reg.
As a part of our curriculum we are conducting five days value added course for the benefits of students. In this connection we request to handle a session for "**Process Visualization with HMI & PLC**" from 11-10-2021 to 15-10-2021. Kindly accept our invitation and acknowledge.

Thanking You



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Dr. K. GEETHA, M.E., Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.

JCT College of Engineering and Technology

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

Pichanur, Coimbatore-641 105 Tamil Nadu INDIA Phone: +91 422 2636900 Fax: +91 422 2636901 Email: info@jct.ac.in www.jct.ac.in

Date: 27-09-2021

To

The Head of the department
Department of EEE
JCT College of Engineering and Technology
Pichanur
Coimbatore -641105

Dear Sir,

With reference to your invitation I am happy to accept and conduct course "**Process Visualization with HMI & PLC**" from 11-10-2021 to 15-10-2021 at JCT College of Engineering and Technology, I forward to working with you and your fine team. I appreciate your confidence in me and am very happy to be joining with this course.



Ajith Surendran
Branch Manager
IPCS Automation Coimbatore
0422-4223664, 9585526664

Ingenious Power and Control Systems Pvt. Ltd.

DS Complex, Nehru street, Ram Nagar, Gandhipuram, Coimbatore – 641009,
Phone: 0422 - 422 3664. E Mail: cbr@ipcsautomation.com | www.ipcs.com.co



PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105

Date: 05.10.2021

From

Dr. K. Geetha
The Head of the Department
Department of EEE
JCT College of Engineering and Technology
Pichanur, Coimbatore-641105

To
The Principal
JCT College of Engineering and Technology
Coimbatore

Respected Sir,
Sub: Requesting to conduct Five Days value added course on **“Process Visualization with HMI & PLC”** from 11.10.2021 to 15.10.2021 – Reg.

We have planned to conduct Five Days value added course on “Process Visualization with HMI & PLC” for the students of EEE department. We are inviting Mr. Ajith Surendran, Regional Manager, IPCS Automation, Coimbatore to conduct Five Days Workshop on Industrial Automation with PLC from 11.10.2021 to 15.10.2021 (5 days). We need your kind permission and co-operation to conduct the workshop in a grand success.

Thanking You,

With regards,


PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105




HOD/EEE
Dr.K.GEETHA, M.E., Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

Date: 05-10-2021

It is here by informed that the department of EEE is organizing five days Value added course on "**Process Visualization with HMI & PLC**" on 11-10-2021 to 15-10-2021 in the seminar hall. The chief guest Mr.Ajith Surendran, Regional Manager, IPCS Automation, Coimbatore will grant the workshop. The students of Fourth year EEE are instructed to attend the course without fail.

Date: 11-10-2021

Venue: Seminar Hall

Time: 9.10 AM

To be read in:

- 1) Fourth Year EEE



Copy to:

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board


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JCT College of Engineering and Technology
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Dr.K.GEETHA, M.E., Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Process Visualization with HMI& PLC Syllabus		
Total Duration :30 Hours		
DAY	TOPICS	HOURS
11-10-2021	- Automation: Fundamentals of Industrial Automation Need & Role of Automation, Types of Industrial Automation System, Evolution of Automation. - Introduction to PLC: Definition of PLC, Architecture, Types of PLC, PLC Selection. Signal processing of DI-DO-AI-AO Modules, Interfacing of I/O devices to PLC, Sinking & Sourcing and Program Scan & Advantages and Disadvantages of PLC. - Programming Languages: Introduction to PLC Programming Languages as per IEC 61131-3: Ladder Programming (LD), Function Block Diagram (FBD), Instruction List (IL), Structured Text (ST) & Sequential Function Chart (SFC).	6
12-10-2021	- PLC input/output instructions, Development of Relay ladder logic, Ladder programming for logic gates & Boolean algebra, Ladder diagram for Process Control. - Timers & Counters instruction, Applications of Timers & Counters for industrial process.	6
13-10-2021	- Comparison & Math operations: Equal, Not-equal to, Less than, Greater than, Less than or equal to, Greater than or equal to, Limit test, Mask Compare equal to, Compare expression, ADD, SUB, MUL, DIV, SQR, NEG, AND, OR, NOR, EX-OR, NOT, CLEAR. - Move, Masked Move, Jump & Label, Skip & Master Control Relay, Bit pattern in a register, Shift Register & Sequencer instructions. Applications using Advanced PLC Programming instructions.	6
14-10-2021	- Analog PLC Operation: Analog Modules & Systems, Analog Signal Processing, Multi-bit data processing. Examples of analog output applications. - PID Modules, PID Tuning & Typical PID Functions. Different Manufactures of PLCs and their revolution. - Overview, Siemens PLC, Allen Bradley PLC, Schneider Electric PLC, Omron PLC, Mitsubishi PLC & GE FANUC and comparison of various instructions	6
	Need of HMI, Advantages of using HMI, PLC	

**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE - 641105**



15-10-2021	Interfacing to Hydraulic & Pneumatic circuits. Need, Objective & Benefits of Drives, Types of Drives, Selection Criteria For Drives, Advantages & Disadvantages of Drives. • Working & Construction of VFD, Different Methods of Speed Control, Applications of VFD, Different Modes of VFD Such As PU, External & Network Mode, Interfacing of VFD to PLC. • Introduction of Motion Control, Block diagram, Different elements & Applications of Motion Control.	6
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Dr. **K. GEETHA, M.E., Ph.D.,**
HoD/EEE
Department of Electrical Engineering
JCT College of Engineering and Technology
Coimbatore - 641 105.

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JCT College of Engineering and Technology
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD ON COURSE: Process Visualization with HMI & PLC

ATTENDANCE SHEET

S.NO.	REG NO.	NAME	11/10/2021		12/10/2021		13-10-2021		14-10-2021		15-10-2021	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720918105002	ADWAITH.N	/	/	/	/	/	/	/	/	/	/
2	720918105003	AFHAS ALI P M	/	/	/	/	/	/	/	/	/	/
3	720918105004	AJAYRAJ.R	/	/	/	/	/	/	/	/	/	/
4	720918105006	AMAL. S	/	/	/	/	/	/	/	/	/	/
5	720918105007	ANZAR MOHAMED S	/	/	/	/	/	/	/	/	/	/
6	720918105008	ARUNKUMAR J	/	/	/	/	/	/	/	/	/	/
7	720918105009	DAWN SHAJU	/	/	/	/	/	/	/	/	/	/
8	720918105010	GOMATHI M	/	/	/	/	/	/	/	/	/	/
9	720918105011	KANNAN.S	/	/	/	/	/	/	/	/	/	/
10	720918105012	KARTHIKEYAN M	/	/	/	/	/	/	/	/	/	/
11	720918105013	MUHAMMED ANSARI.J	/	/	/	/	/	/	/	/	/	/
12	720918105014	MURALIDHARAN R	/	/	/	/	/	/	/	/	/	/
13	720918105015	PUGAZHENTHI S	/	/	/	/	/	/	/	/	/	/
14	720918105016	S.MOHAMMED HANEEFA	/	/	/	/	/	/	/	/	/	/
15	720918105017	SREERAJ.M	/	/	/	/	/	/	/	/	/	/
16	720918105018	THILAGESH.T	/	/	/	/	/	/	/	/	/	/
17	720918105019	VIVEK.M	/	/	/	/	/	/	/	/	/	/
18	720918105302	RISHIKESH K P	/	/	/	/	/	/	/	/	/	/
19	720918105303	SUBASH A	/	/	/	/	/	/	/	/	/	/
20	720918105901	VASANTHARAJA A	/	/	/	/	/	/	/	/	/	/

Note: 6 hours per day



Dr.K.GEETHA Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.

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Department of Electrical and Electronics Engineering
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Mr. / ~~Ms.~~ / ~~Dr.~~ / Prof. Vishnu . B of

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Mr. V. Sridhar
Convenor


Dr. K. Geetha
HoD




Dr. V. J. Arul Karthick
Principal

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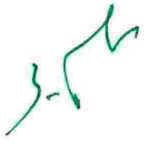
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~~Mr.~~ / ~~Ms.~~ / ~~Dr.~~ / ~~Prof.~~ Manasa . G of

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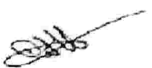


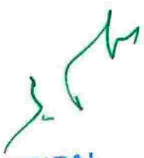
Department of Electrical and Electronics Engineering
(Accredited by NBA)

Certificate of Completion

Mr. / ~~Ms.~~ / ~~Dr.~~ / ~~Prof.~~ AMAL . S of
JCT College of Engineering and Technology

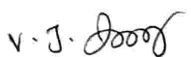
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Mr. V. Sridhar
Convenor


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Dr. K. Geetha
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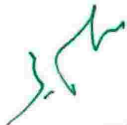
Certificate of Completion

Mr. / ~~Ms.~~ / ~~Dr.~~ / ~~Prof.~~ KANNAN. S of

JCT College of Engineering and Technology has completed the course on

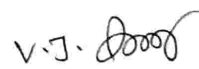
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Mr. V. Sridhar
Convenor


PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.


Dr. K. Geetha
HoD




Dr. V. J. Arul Karthick
Principal

Department of Electrical and Electronics Engineering

FEED BACK FORM

Title : Process Visualization with HMI & PLC

Student Name : ADWAITH.N

Year/Semester : V / VI

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	☐ 1	☐ 2	☐ 3	☐ 4	☒ 5
2. Ability to explain and illustrate concepts	☐ 1	☐ 2	☐ 3	☒ 4	☐ 5
3. Ability to answer questions completely.	☐ 1	☐ 2	☐ 3	☐ 4	☒ 5
Please rate the content and structure of the training					
4. The usefulness of the information.	☐ 1	☐ 2	☐ 3	☐ 4	☒ 5
5. The structure of the workshop session(s).	☐ 1	☐ 2	☐ 3	☐ 4	☒ 5
6. The pace of the workshop session(s).	☐ 1	☐ 2	☐ 3	☐ 4	☒ 5
7. The convenience of the workshop schedule	☐ 1	☐ 2	☐ 3	☒ 4	☐ 5
8. The usefulness of the workshop materials	☐ 1	☐ 2	☐ 3	☒ 4	☐ 5
9. Was this workshop appropriate for your level of experience?	☐ 1	☐ 2	☐ 3	☒ 4	☐ 5


PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



Department of Electrical and Electronics Engineering

FEED BACK FORM

Title : Process Visualization with HMI & PLC

Student Name : THILANESH P.

Year/Semester : IV / VII

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	1	2	3	4	5
2. Ability to explain and illustrate concepts	1	2	3	4	5
3. Ability to answer questions completely.	1	2	3	4	5
Please rate the content and structure of the training					
4. The usefulness of the information.	1	2	3	4	5
5. The structure of the workshop session(s).	1	2	3	4	5
6. The pace of the workshop session(s).	1	2	3	4	5
7. The convenience of the workshop schedule	1	2	3	4	5
8. The usefulness of the workshop materials	1	2	3	4	5
9. Was this workshop appropriate for your level of experience?	1	2	3	4	5

[Signature]

PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641105.



Department of Electrical and Electronics Engineering

FEED BACK FORM

Title : Process Visualization with HMI & PLC

Student Name : SUBASH. A

Year/Semester : IV / VI

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	1	2	3	4	5 ✓
2. Ability to explain and illustrate concepts	1	2	3	4	5 ✓
3. Ability to answer questions completely.	1	2	3	4	5 ✓
Please rate the content and structure of the training					
4. The usefulness of the information.	1	2	3	4	5 ✓
5. The structure of the workshop session(s).	1	2	3	4	5 ✓
6. The pace of the workshop session(s).	1	2	3	4	5 ✓
7. The convenience of the workshop schedule	1	2	3	4	5 ✓
8. The usefulness of the workshop materials	1	2	3	4	5 ✓
9. Was this workshop appropriate for your level of experience?	1	2	3	4	5 ✓


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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE - 641105
Department of Electrical and Electronics Engineering



04.03.2022

From

D. Nagarajan,
Assistant Professor,
Electrical and Electronics Engineering,
JCT College of Engineering and Technology
Coimbatore

To
The principal
JCT College of Engineering and Technology,
Coimbatore

Through

Dr.K.Geetha
Dean and Head of the Department.
Electrical and Electronics Engineering

Respected Sir,

Sub: Requisition of permission to conduct five days value added course on "**Delta Programmable Logic Controller**" – Reg.

I wish to conduct five days value added course on the topic of "Delta Programmable Logic Controller" for the students of our institution on 07.03.2022 to 11.03.2022. Hence request you sir to permit me to conduct the same. Herewith have enclosed the Invitation and Minute to Minute Program.

Thanking You Sir

D. Nagarajan

Assistant Professor/EEE




Dr.K.GEETHA, M.E., Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.


PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**CIRCULAR****Date: 04-03-2022**

It is here by informed that the department of EEE is organizing five days Value added course on "Delta Programmable Logic Controller" on 07-03-2022 to 11-03-2022 in the seminar hall. The chief guest Mr.Ajith Surendran, Regional Manager, IPCS Automation, Coimbatore will grant the workshop. The students of Second Year, Third Year and Fourth year EEE are instructed to attend the course without fail.

Date: 07-03-2022

Venue: Seminar Hall

Time: 9.10 AM

To be read in:

- 1) Second Year EEE
- 2) Third Year EEE
- 3) Fourth Year EEE

**Copy to:**

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board

HOD/EEE**Dr.K.GEETHA, M.E., Ph.D.,**
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.
PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
Pichanur, Coimbatore



Department of Electrical and Electronics Engineering

IPCS –
Programmable Logic Controller
Laboratory Syllabus

Subject: Programmable Logic Controller

Software: WPL Soft 2.35




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Contents:

- 1) Introduction to WPLC Software used in Delta PLC
- 2) Procedure for Programming in WPL Software
- 3) Develop a ladder logic diagram for the following logic gates and simulate it in the Delta PLC.
 - a. OR Gate
 - b. AND Gate
 - c. NOT Gate
- 4) Develop a ladder logic diagram for the following logic gates and simulate it in the Delta PLC.
 - a. NOR Gate
 - b. NAND Gate
 - c. Gate
- 5) Develop a ladder logic diagram for start a motor through DOL starter.
- 6) Develop a ladder logic diagram for Jogging Operation of a motor using PLC
- 7) Develop a ladder logic diagram for Timer and execute it in the delta PLC
- 8) Develop a ladder logic diagram for star delta starter operation using delta PLC
- 9) Develop a ladder logic diagram for forward and reverse operation of a motor using PLC
- 10) Develop a ladder logic diagram for High Speed and Low Speed Operation of a motor.
- 11) Develop a ladder Logic diagram for the Counter Operation and simulate it through PLC
- 12) Develop a ladder logic diagram for Traffic Light Control and simulate it through PLC
- 13) Simulate the Arithmetic Operations using PLC
- 14) Simulate the comparison Instructions using PLC


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Dr. K. GEETHA, M.E., Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.





JCT COLLEGE OF ENGINEERING AND TECHNOLOGY, PICHANUR, COIMBATORE - 641105



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD ON COURSE:

Delta Programmable Logic Controller

ATTENDANCE SHEET

S.NO.	REG NO.	NAME	7/3/2022		8/3/2022		9/3/2022		10/3/2022		11/3/2022	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720920105001	ABDUL KARIM ANSARI	/	/	/	/	/	/	/	/	/	/
2	720920105003	CHOTTU KUMAR	/	/	/	/	/	/	/	/	/	/
3	720920105004	JARWAN KUMAR	/	/	/	/	/	/	/	/	/	/
4	720920105005	JAYAPRAKASH A	/	/	/	/	/	/	/	/	/	/
5	720920105007	LAKHINDAR KUMAR T	/	/	/	/	/	/	/	/	/	/
6	720920105010	IMD SADDAM HUSSAIN	/	/	/	/	/	/	/	/	/	/
7	720920105011	MRIDHUL RAJU	/	/	/	/	/	/	/	/	/	/
8	720920105012	PRINCE KUMAR GUPTA	/	/	/	/	/	/	/	/	/	/
9	720920105014	RITIK KUMAR	/	/	/	/	/	/	/	/	/	/
10	720920105015	SANOJ KUMAR	/	/	/	/	/	/	/	/	/	/
11	720920105016	SARAVANAN B	/	/	/	/	/	/	/	/	/	/
12	720920105017	SARVESH KUMAR	/	/	/	/	/	/	/	/	/	/
13	720920105018	SHAHABUDDIN MANSURI	/	/	/	/	/	/	/	/	/	/
14	720920105019	SIJIL JOHNSON	/	/	/	/	/	/	/	/	/	/
15	720920105021	VISHNU B	/	/	/	/	/	/	/	/	/	/
16	720920105301	AMARNATH M	/	/	/	/	/	/	/	/	/	/
17	720920105302	ASHIQ S	/	/	/	/	/	/	/	/	/	/
18	720920105303	ASWIN R	/	/	/	/	/	/	/	/	/	/
19	720920105304	AYYAPPADAS K.M	/	/	/	/	/	/	/	/	/	/
20	720920105305	DIKUL	/	/	/	/	/	/	/	/	/	/
21	720920105306	FUHAD K	/	/	/	/	/	/	/	/	/	/
22	720920105308	HARIKRISHNAN T	/	/	/	/	/	/	/	/	/	/
23	720920105310	RESHMA G	/	/	/	/	/	/	/	/	/	/
24	720920105311	SRIKANTH M	/	/	/	/	/	/	/	/	/	/
25	720920105312	MANASA G	/	/	/	/	/	/	/	/	/	/
26	720920105313	VENKATA SANTHOSH	/	/	/	/	/	/	/	/	/	/
27	720919105001	AKILAN.M	/	/	/	/	/	/	/	/	/	/
28	720919105003	LINO K V	/	/	/	/	/	/	/	/	/	/
29	720919105004	MADHAVAN.V	/	/	/	/	/	/	/	/	/	/



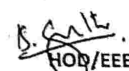
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30	720919105005	PRAVEEN KUMAR P	AB	AB	/	AB	/	/	AB	AB	AB	AB
31	720919105006	SATHISH KUMAR R	/	/	/	/	/	/	/	/	/	/
32	720919105007	SYAM.S	/	/	/	/	/	/	/	/	/	/
33	720919105008	VIMAL.A	/	/	/	/	/	/	/	/	/	/
34	720919105009	VISHNURAJ.C	/	/	/	/	/	/	/	/	/	/
35	720919105019	DHIRAJ KUMAR PANDIT	/	/	/	/	/	/	/	/	/	/
36	720919105024	HARI KISHOR KUMAR	/	/	/	/	/	/	/	/	/	/
37	720919105029	MANTU KUMAR	/	/	/	/	/	/	/	/	/	/
38	720919105301	HARIHARA SUDHAN M	/	/	/	/	/	/	/	/	/	/
39	720919105302	MOHAMMED IMRAN J	/	/	/	/	/	/	/	/	/	/
40	720919105303	K MARIS RAHUL	/	/	/	/	/	/	/	/	/	/
41	720919105304	VARUN PS	/	/	/	/	/	/	/	/	/	/
42	720919105305	VIBIN M	/	/	/	/	/	/	/	/	/	/
43	720918105002	ADWAITH.N	/	/	/	/	/	/	/	/	/	/
44	720918105003	AFHAS ALI P M	/	/	/	/	/	/	/	/	/	/
45	720918105004	AJAYRAJ.R	/	/	/	/	/	/	/	/	/	/
46	720918105006	AMAL. S	/	/	/	/	/	/	/	/	/	/
47	720918105007	ANZAR MOHAMED S	/	/	/	/	/	/	/	/	/	/
48	720918105008	ARUNKUMAR J	/	/	/	/	/	/	/	/	/	/
49	720918105009	DAWN SHAJU	/	/	/	/	/	/	/	/	/	/
50	720918105010	GOMATHI M	/	/	/	/	/	/	/	/	/	/
51	720918105011	KANNAN.S	/	/	/	/	/	/	/	/	/	/
52	720918105012	KARTHIKEYAN M	/	/	/	/	/	/	/	/	/	/
53	720918105013	MUHAMMED ANSARI.J	/	/	/	/	/	/	/	/	/	/
54	720918105014	MURALIDHARAN R	/	/	/	/	/	/	/	/	/	/
55	720918105015	PUGAZHENTHI S	/	/	/	/	/	/	/	/	/	/
56	720918105016	S.MOHAMMED HANEEFA	/	/	/	/	/	/	/	/	/	/
57	720918105017	SREERAJ.M	/	/	/	/	/	/	/	/	/	/
58	720918105018	THILAGESH.T	/	/	/	/	/	/	/	/	/	/
59	720918105019	VIVEK.M	/	/	/	/	/	/	/	/	/	/
60	720918105302	RISHIKESH K P	/	/	/	/	/	/	/	/	/	/
61	720918105303	SUBASH A	/	/	/	/	/	/	/	/	/	/
62	720918105901	VASANTHARAJA A	/	/	/	/	/	/	/	/	/	/

Note: 8 hours per day


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Dr.K.GEETHA, M.E.,Ph.D.,
 Head of the Department
 Department of Electrical & Electronics Engg
 JCT College of Engineering and Technology
 Coimbatore - 641 105.



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

IFCS
automation

Pichanur, Coimbatore – 641 105

Department of Electrical and Electronics Engineering
(Accredited by NBA)



CERTIFICATE OF COMPLETION

~~Mr.~~ / Ms. / ~~Dr.~~ / Prof.

RESHMA . G

of

JCT College of Engineering and Technology has completed the

course on "Delta Programmable Logic Controller" conducted by the department of

Electrical and Electronics Engineering from 07.03.2022 to 11.03.2022 at JCT College of

Engineering and Technology, Coimbatore.

D. Nagarajan

Mr. D. Nagarajan
Convenor

S. Manoharan
PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

K. Geetha

Dr. K. Geetha
HoD



S. Manoharan

Dr. S. Manoharan
Principal



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

Pichanur, Coimbatore – 641 105

Department of Electrical and Electronics Engineering
(Accredited by NBA)

IFCS
automation



CERTIFICATE OF COMPLETION

Mr. / Ms. / Dr. / Prof. LINO K V of

JCT College of Engineering and Technology has completed the

course on "Delta Programmable Logic Controller" conducted by the department of

Electrical and Electronics Engineering from 07.03.2022 to 11.03.2022 at JCT College of

Engineering and Technology, Coimbatore.

D. Nagarajan

Mr. D. Nagarajan
Convenor

S. Manoharan

PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105

K. Geetha

Dr. K. Geetha
HoD



S. Manoharan

Dr. S. Manoharan
Principal



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

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Department of Electrical and Electronics Engineering
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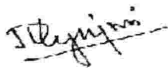
CERTIFICATE OF COMPLETION

Mr. / Ms. / Dr. / Prof. VIBIN . M of

JCT College of Engineering and Technology has completed the

course on "Delta Programmable Logic Controller" conducted by the department of
Electrical and Electronics Engineering from 07.03.2022 to 11.03.2022 at JCT College of

Engineering and Technology, Coimbatore.


Mr. D. Nagarajan
Convenor


Dr. K. Geetha
HoD


Dr. S. Manoharan
Principal


PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.





JCT COLLEGE OF ENGINEERING AND TECHNOLOGY



Pichanur, Coimbatore – 641 105

Department of Electrical and Electronics Engineering
(Accredited by NBA)



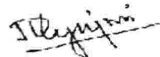
CERTIFICATE OF COMPLETION

Mr. / Ms. / Dr. / Prof. DAWN SHAJU of

JCT College of Engineering and Technology has completed the

course on "Delta Programmable Logic Controller" conducted by the department of
Electrical and Electronics Engineering from 07.03.2022 to 11.03.2022 at JCT College of

Engineering and Technology, Coimbatore.


Mr. D. Nagarajan
Convenor


Dr. K. Geetha
HoD




Dr. S. Manoharan
Principal


PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

IFCS
automation

Pichanur, Coimbatore – 641 105

Department of Electrical and Electronics Engineering
(Accredited by NBA)



CERTIFICATE OF COMPLETION

Mr. / Ms. / ~~Dr.~~ / ~~Prof.~~

MURALIDHARAN . R

of

JCT College of Engineering and Technology

has completed the

course on "Delta Programmable Logic Controller" conducted by the department of
Electrical and Electronics Engineering from 07.03.2022 to 11.03.2022 at JCT College of

Engineering and Technology, Coimbatore.

D. Nagarajan

Mr. D. Nagarajan
Convenor

[Signature]
PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

[Signature]
Dr. K. Geetha
HoD



[Signature]
Dr. S. Manoharan
Principal

Department of Electrical and Electronics Engineering

FEED BACK FORM

Title : Delta Programmable Logic Controller

Student Name : Sanoj Kumar

Year/Semester : III / V

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	1	2	3	4	5
2. Ability to explain and illustrate concepts	1	2	3	4	5
3. Ability to answer questions completely.	1	2	3	4	5
Please rate the content and structure of the training					
4. The usefulness of the information.	1	2	3	4	5
5. The structure of the workshop session(s).	1	2	3	4	5
6. The pace of the workshop session(s).	1	2	3	4	5
7. The convenience of the workshop schedule	1	2	3	4	5
8. The usefulness of the workshop materials	1	2	3	4	5
9. Was this workshop appropriate for your level of experience?	1	2	3	4	5




PRINCIPAL
 JCT College of Engineering and Technology
 PICHANUR, COIMBATORE - 641 105.

Department of Electrical and Electronics Engineering

FEED BACK FORM

Title : Delta Programmable Logic Controller

Student Name : JAYAPRAKASH A

Year/Semester : II / IV

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	1	2	3	4	5
2. Ability to explain and illustrate concepts	1	2	3	4	5
3. Ability to answer questions completely.	1	2	3	4	5
Please rate the content and structure of the training					
4. The usefulness of the information.	1	2	3	4	5
5. The structure of the workshop session(s).	1	2	3	4	5
6. The pace of the workshop session(s).	1	2	3	4	5
7. The convenience of the workshop schedule	1	2	3	4	5
8. The usefulness of the workshop materials	1	2	3	4	5
9. Was this workshop appropriate for your level of experience?	1	2	3	4	5

PRINCIPAL
 JCT College of Engineering and Technology
 PICHANUR, COIMBATORE - 641 105.



Department of Electrical and Electronics Engineering**FEED BACK FORM**

Title : Delta Programmable Logic Controller

Student Name : MARIS RAHUL K.

Year/Semester : III / VI

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	☐	☐	☐	☐	☒
2. Ability to explain and illustrate concepts	☐	☐	☐	☐	☒
3. Ability to answer questions completely.	☐	☐	☐	☒	☐
Please rate the content and structure of the training					
4. The usefulness of the information.	☐	☐	☐	☒	☐
5. The structure of the workshop session(s).	☐	☐	☐	☒	☐
6. The pace of the workshop session(s).	☐	☐	☐	☒	☐
7. The convenience of the workshop schedule	☐	☐	☐	☐	☒
8. The usefulness of the workshop materials	☐	☐	☐	☐	☒
9. Was this workshop appropriate for your level of experience?	☐	☐	☐	☐	☒



PRINCIPAL

JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



JCT
COLLEGE OF ENGINEERING
AND TECHNOLOGY

Dr. K. Geetha
HoD/EEE

Date: 27-03-2022

From

The Head of the Department,
Department of Electrical & Electronics Engineering,
JCT College of Engineering and Technology,
Coimbatore-641105.

To

Mr. Ajith Surendran,
Regional Manager,
IPCS Automation,
Coimbatore-641009.

Dear Sir,

Sub: Inviting for Five days Value added course on "**Industrial Automation Tools and Techniques**"-
Reg.

As a part of our curriculum we are conducting five days value added course for the benefits of students. In this connection we request to handle a session for "**Industrial Automation Tools and Techniques**" from 18-04-2022 to 22-04-2022. Kindly accept our invitation and acknowledge.

Thanking You



PRINCIPAL

Dr. K. GEETHA, M.E., Ph.D.,
HOD/EEE
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.

JCT College of Engineering and Technology

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

Pichanur, Coimbatore-641 105 Tamil Nadu INDIA Phone: +91 422 2636900 Fax: +91 422 2636901 Email: info@jct.ac.in www.jct.ac.in

Date: 31-03-2022

To

The Head of the department
Department of EEE
JCT College of Engineering and Technology
Pichanur
Coimbatore -641105

Dear Sir,

With reference to your invitation I am happy to accept and conduct course "**Industrial Automation Tools and Techniques**" from 18-04-2022 to 22-04-2022 at JCT College of Engineering and Technology, I forward to working with you and your fine team. I appreciate your confidence in me and am very happy to be joining with this course.



PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



Ajith Surendran
Branch Manager
IPCS Automation Coimbatore
0422-4223664, 9585526664

Ingenious Power and Control Systems Pvt. Ltd.

DS Complex, Nehru street, Ram Nagar, Gandhipuram, Coimbatore – 641009,
Phone: 0422 - 422 3664. E Mail: cbr@ipcsautomation.com | www.ipcs.com.co

Date: 05.04.2022

From

Dr. K. Geetha
The Head of the Department
Department of EEE
JCT College of Engineering and Technology
Pichanur, Coimbatore-641105

To

The Principal
JCT College of Engineering and Technology
Coimbatore

Respected Sir,

Sub: Requesting to conduct Five Days value added course on "**Industrial Automation Tools and Techniques**" from 18.04.2022 to 22.04.2022 – Reg.

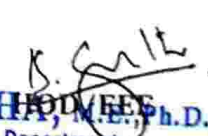
We have planned to conduct Five Days value added course on "Industrial Automation Tools and Techniques" for the students of EEE department. We are inviting Mr. Ajith Surendran, Regional Manager, IPCS Automation, Coimbatore to conduct Five Days Workshop on Industrial Automation with PLC from 18.04.2022 to 22.04.2022 (5 days). We need your kind permission and co-operation to conduct the workshop in a grand success.

Thanking You,

With regards,


PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.




Dr. K. GEETHA, M.E., Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

Date: 05-04-2022

It is here by informed that the department of EEE is organizing five days Value added course on "**Industrial Automation Tools and Techniques**" on 18-04-2022 to 22-04-2022 in the seminar hall. The chief guest Mr.Ajith Surendran, Regional Manager, IPCS Automation, Coimbatore will grant the workshop. The students of Third year EEE are instructed to attend the course without fail.

Date: 18-04-2022

Venue: Seminar Hall

Time: 9.10 AM

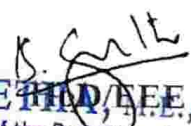
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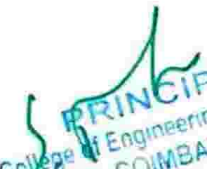
- 1) Third Year EEE



Copy to:

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board


Dr. K. GEE, B.E., Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Industrial Automation Tools & Techniques Syllabus

Total Duration : 35 Hours		
DAY	TOPICS	HOURS
18-04-2022	1. Need and benefits of Industrial Automation 2. Automation Hierarchy, Basic components of automation system, description of each component 3. Types of automation system:- Fixed, programmable, flexible 4. Different systems for Industrial automation: PLC, HMI, SCADA, DCS, Drives	7
19-04-2022	1. Building blocks of PLC: CPU, Memory organization, Input- output modules (discrete and analog), Special I/O Modules, Power supply 2. Fixed and Modular PLC and their types, Redundancy in PLC module 3. I/O module selection criteria Interfacing different I/O devices with appropriate I/O modules	7
20-04-2022	1. PLC I/O addressing 2. PLC programming Instructions: Relay type instructions, timer instructions: On delay, off delay, retentive, Counter instructions, Up, Down, High speed, Logical instructions, Comparison Instructions, Data handling Instructions, Arithmetic instructions 3. PLC programming language- Function Block Diagram (FBD), Instruction List, Structured text, Sequential Function Chart (SFC), Ladder Programming, Simple Programming examples using ladder logic: Language based on relay, timer counter logical, comparison, arithmetic and data handling instructions. 4. PLC based applications: Motor sequence control, Traffic light control, elevator control, Tank level control, conveyor system, Stepper motor control, reactor control	7
21-04-2021	1. Electric drives: Types, functions, characteristics, four quadrant operation 2. DC and AC drive controls: V/F control, Parameters, direct torque control 3. Drives: working principle, specifications, parameters, types and applications. Applications- Speed control of AC motor/DC Motor	7

22-04-2021	1. Introduction to SCADA, typical SCADA architecture/block diagram, benefits of SCADA 2. Various editors of SCADA 5.3 Interfacing SCADA system with PLC: Typical connection diagram, Object linking and embedding for Process Control (OPC) architecture, Steps in Creating 3. SCADA Screen for simple object, Steps for Linking SCADA object (defining Tags and items) with PLC ladder program using OPC 4. Applications of SCADA: Traffic light control, water distribution, pipeline control	7
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 PICHANUR, COIMBATORE - 641 105.

Dr. K. GEETHA
 Head of the Department
 Department of Electrical & Electronics Engg
 JCT College of Engineering and Technology
 Coimbatore - 641 105.



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY, PICHANUR, COIMBATORE - 641105



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD ON COURSE: Industrial Automation Tools and Techniques

ATTENDANCE SHEET

S.NO.	REG NO.	NAME	18/04/2022		19/04/2022		20/04/2022		21/04/2022		22/04/2022	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	720919105001	AKILAN.M	/	/	/	/	/	/	/	/	/	/
2	720919105003	LINO K V	/	/	/	/	/	/	/	/	/	/
3	720919105004	MADHAVAN.V	/	/	/	/	/	/	/	/	/	/
4	720919105005	PRAVEEN KUMAR P	/	/	/	/	/	/	/	/	/	/
5	720919105006	SATHISH KUMAR R	/	/	/	/	/	/	/	/	/	/
6	720919105007	SYAM.S	/	/	/	/	/	/	/	/	/	/
7	720919105008	VIMALA	/	/	/	/	/	/	/	/	/	/
8	720919105009	VISHNURAJ.C	/	/	/	/	/	/	/	/	/	/
9	720919105019	DHIRAJ KUMAR PANDIT	/	/	/	/	/	/	/	/	/	/
10	720919105024	HARI KISHOR KUMAR	/	/	/	/	/	/	/	/	/	/
11	720919105029	MANTU KUMAR	/	/	/	/	/	/	/	/	/	/
12	720919105301	HARIHARA SUDHAN M	/	/	/	/	/	/	/	/	/	/
13	720919105302	MOHMED IMRAN J	/	/	/	/	/	/	/	/	/	/
14	720919105303	K MARIS RAHUL	/	/	/	/	/	/	/	/	/	/
15	720919105304	VARUN PS	/	/	/	/	/	/	/	/	/	/
16	720919105305	VIBIN M	/	/	/	/	/	/	/	/	/	/

Note: 7 hours per day

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Dr.K.GEETHA, M.E., Ph.D.,
Head of the Department
Department of Electrical & Electronics Engg
JCT College of Engineering and Technology
Coimbatore - 641 105.



Certificate of Participation

This is to Certify that

Mr. / ~~Ms.~~ MADHAVAN. ✓ of 1st yr

Has completed the course on "**Industrial Automation Tools & Techniques**" Conducted from 18.04.2022 to 22.04.2022 at JCT College of Technology, Coimbatore.



Date of issue 22.04.2022



[Signature]
PRINCIPAL
JCT College of Engineering and Technology
COIMBATORE - 641 105.

[Signature]
Coordinator



Certificate of Participation

This is to Certify that

Mr. / ~~Ms.~~ VISHNURAJ. C of 10th ya

Has completed the course on "**Industrial Automation Tools & Techniques**" Conducted from 18.04.2022 to 22.04.2022 at JCT College of Technology, Coimbatore.



Date of issue 22.04.2022



SK

PRINCIPAL
JCT College of Engineering & Technology
PICHANUR, COIMBATORE - 641 105.

Coordinator



Certificate of Participation

This is to Certify that

Mr. / ~~Ms.~~ HARI KISHOR KUMAR of iiird yr

Has completed the course on "**Industrial Automation Tools & Techniques**" Conducted from 18.04.2022 to 22.04.2022 at JCT College of Technology, Coimbatore.



Date of issue 22.04.2022




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Coordinator



Certificate of Participation

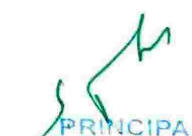
This is to Certify that

Mr. / ~~Ms.~~ HARIHARA SUDHAN. M of iiird yr.

Has completed the course on "**Industrial Automation Tools & Techniques**" Conducted from 18.04.2022 to 22.04.2022 at JCT College of Technology, Coimbatore.

Date of issue 22.04.2022




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Coordinator



Certificate of Participation

This is to Certify that

Mr. / ~~Ms.~~ K. MARIS RAHUL of iiird yr.

Has completed the course on "**Industrial Automation Tools & Techniques**" Conducted from 18.04.2022 to 22.04.2022 at JCT College of Technology, Coimbatore.

Date of issue 22.04.2022




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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.


Coordinator

Department of Electrical and Electronics Engineering

FEED BACK FORM

Title : Industrial Automation Tools and Techniques

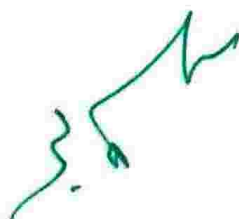
Student Name : Haru Kishore Kumar.

Year/Semester : III / VI

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	1	2	3	4	5
2. Ability to explain and illustrate concepts	1	2	3	4	5
3. Ability to answer questions completely.	1	2	3	4	5
Please rate the content and structure of the training					
4. The usefulness of the information.	1	2	3	4	5
5. The structure of the workshop session(s).	1	2	3	4	5
6. The pace of the workshop session(s).	1	2	3	4	5
7. The convenience of the workshop schedule	1	2	3	4	5
8. The usefulness of the workshop materials	1	2	3	4	5
9. Was this workshop appropriate for your level of experience?	1	2	3	4	5




Department of Electrical and Electronics Engineering

FEED BACK FORM

Title : Industrial Automation Tools and Techniques

Student Name : vibin m

Year/Semester : III | VI

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	☐ 1	☐ 2	☐ 3	☒ 4	☐ 5
2. Ability to explain and illustrate concepts	☐ 1	☐ 2	☐ 3	☒ 4	☐ 5
3. Ability to answer questions completely.	☐ 1	☐ 2	☐ 3	☒ 4	☐ 5
Please rate the content and structure of the training					
4. The usefulness of the information.	☐ 1	☐ 2	☐ 3	☐ 4	☒ 5
5. The structure of the workshop session(s).	☐ 1	☐ 2	☐ 3	☐ 4	☒ 5
6. The pace of the workshop session(s).	☐ 1	☐ 2	☐ 3	☒ 4	☐ 5
7. The convenience of the workshop schedule	☐ 1	☐ 2	☐ 3	☒ 4	☒ 5
8. The usefulness of the workshop materials	☐ 1	☐ 2	☐ 3	☒ 4	☐ 5
9. Was this workshop appropriate for your level of experience?	☐ 1	☐ 2	☐ 3	☐ 4	☒ 5


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Department of Electrical and Electronics Engineering**FEED BACK FORM**

Title : Industrial Automation Tools and Techniques

Student Name : Madhavan V

Year/Semester : III | VI

Please select the rating for the each section based on the following criteria:

5=Excellent 4=Good 3=Average 2=Fair 1=Poor

Please rate the trainer on the following					
1. Knowledge of the subject matter.	1	2	3	4	5
2. Ability to explain and illustrate concepts	1	2	3	4	5
3. Ability to answer questions completely.	1	2	3	4	5
Please rate the content and structure of the training					
4. The usefulness of the information.	1	2	3	4	5
5. The structure of the workshop session(s).	1	2	3	4	5
6. The pace of the workshop session(s).	1	2	3	4	5
7. The convenience of the workshop schedule	1	2	3	4	5
8. The usefulness of the workshop materials	1	2	3	4	5
9. Was this workshop appropriate for your level of experience?	1	2	3	4	5

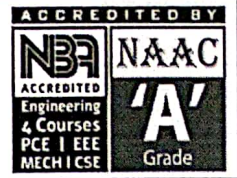


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**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE – 641105**



DEPARTMENT OF FOOD TECHNOLOGY

12.04.2022

CIRCULAR

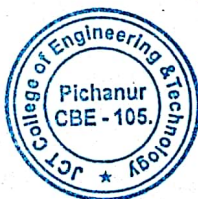
We are planning to conduct a Five days Value Added Course on “**Milling Technology**” from 18.04.2022 to 22.04.2022 in our department. So we are requesting you all to participate this VAC and update your technical knowledge.

(Dr.G.Gnanavel)

HoD

Circulation to:

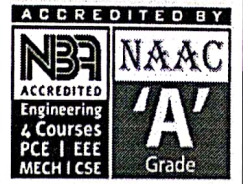
To be displayed on notice board



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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE – 641105



DEPARTMENT OF FOOD TECHNOLOGY

12.04.2022

From

Dr.G.Gnanavel,
Professor
Department of Food Technology
JCT College of Engineering and Technology
Coimbatore-641 105

To

The Director,
Moon Foods,
Tiruchengode

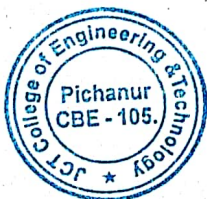
Dear Sir,

Sub: Requesting for Allotting a Certificate course Trainer – Reg...

We would like to bring to your kind notice, that we the department of Food Technology is in need of an certificate course trainer from your company for Milling Technology. The trainer will be handling classes for the 2nd, 3rd, 4th year Food Technology students during from 18.04.2022 to 22.04.2022 (5 Days). So I request you to give permission for the above at the earliest.

Thanking you

Yours sincerely



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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

(Dr.G.Gnanavel)



Moon Foods

#155/10, Animoor Post, Kollappatti, Tiruchengode,
Namakkal, Tamilnadu, India - 637 214

milletsnacks.india@gmail.com +91 9841735273 / 9710454060

13.04.2022

To

The Head of the Department,

Department of Food Technology

JCT College of Engineering and Technology

Coimbatore-641 105

Dear Sir/Madam,

Subject: Allocation of Trainer -Reg...

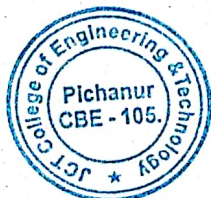
Here by I accept your request with reference to your letter dated in 12.4.2022.

A trainer will be allocated from our company. He will complete the course with stipulated time.

Thanking you

Director

(Moon Foods, Tiruchengode)



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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

MILLING TECHNOLOGY

COURSE LAYOUT

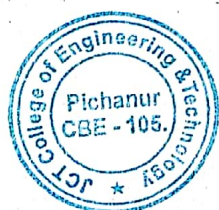
Day	Topic
1	Paddy Processing
1	Rice Milling
2	Wheat Milling
3	Processing of Maize
4	Processing of Corn-based products
5	Milling of Pulses

Text Books

1. KM. Sahay and KK. Singh, Unit operations of Agricultural Processing, Vikash Publishing house PVT Ltd Delhi, 2014.
2. Chakraverty, A.: Post Harvest Technology of Cereals, Pulses and Oilseeds. Oxford and IBH Publishing Co, Calcutta, 2014.

Reference Books

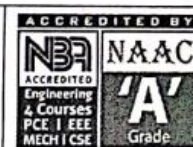
1. Samuel A. Metz: "The Chemistry and Technology of Cereals as Food and Feed", Chapman and Hall, 1992.
2. Bernard Godon and Claude Willm, "Primary Processing of Cereals", Rema and Noble Publishers, 1994.
3. Karel Kulp and Joseph P Ranta, "Handbook of Cereal Science and Technology", Marcel Dekker, USA, 2000.



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PICHANUR, COIMBATORE – 641105



Value Added Course: Milling Technology 18.4.2022 – 22.4.2022

S. NO	REG. NO.	NAME OF THE STUDENT	Date	18.4.2022							19.4.2022							20.4.2022							21.4.2022							22.4.2022						
			Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
1	720919218002	ABHISHEK SILVAN		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
2	720919218004	ABITHA RAJ R K		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
3	720919218005	AKHILA KURIAN		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
4	720919218006	AKILA.K		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
5	720919218007	ALISHA MOHAMED		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
6	720919218008	ARSHAD.K		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
7	720919218009	ARUNACHALAM R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
8	720919218011	BABISHA.M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
9	720919218012	BHARATH D		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
10	720919218013	BHARATHI B		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
11	720919218014	BINLIT P BIJU		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
12	720919218016	DHANUSH T B		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
13	720919218017	DHARUN J		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
14	720919218018	EBIN DAVIS		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
15	720919218019	EDWIN SABU		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
16	720919218020	JAGADESH S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
17	720919218021	KRISHNANJALI		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
18	720919218022	MANIKANDAN T		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
19	720919218023	MIRVIN RASHA V		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
20	720919218024	MOHAMMED BADHUSHA K N		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					
21	720919218025	MOHAMMED THOUFIQ.A		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/					



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 PICHANUR, COIMBATORE - 641 105



CERTIFICATE

This certificate is proudly presents toDINESH K , II year Food Technology.....
from JCT College of Engineering and Technology, attended Value Added Course : Milling Technology" April 18—22,2022

Date: 22.04.2022

A handwritten signature in black ink, appearing to be "Surya", written over a horizontal line.

Director

(Moon Foods, Tiruchengode)



CERTIFICATE

This certificate is proudly presents toISHWARYAIR , II year Food Technology.....
from JCT College of Engineering and Technology, attended Value Added Course : Milling Technology" April 18—22,2022

A handwritten signature in black ink, appearing to be "Surya", with a long horizontal line extending to the right.

Director

(Moon Foods, Tiruchengode)

Date: 22.04.2022



CERTIFICATE

This certificate is proudly presents toKISHORE P , II year Food Technology.....
from JCT College of Engineering and Technology, attended Value Added Course : Milling Technology" April 18—22,2022

Date: 22.04.2022

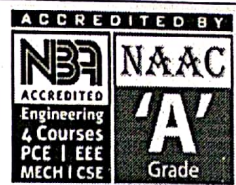
A handwritten signature in black ink, appearing to be "Surya", written over a horizontal line.

Director

(Moon Foods, Tiruchengode)



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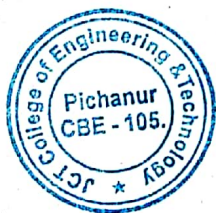


Report on - Value Added Course: Milling Technology 18.4.2022 – 22.4.2022

The department of Food Technology organized a value added course on Milling Technology from 18th April to 22nd April 2022. The resource person for this program was Dr.Sathyamoorthy, from Moon Foods, Tiruchengode, Namakkal (DT). The program started with welcome address by Ms.Kohila.R, Assistant Professor. The felicitation address was given by Dr.D.Manoharan, Principal, JCT College of Engineering and Technology. The introduction about the chief guest was given by Ms.Srilakshmi, 3rd Year Food Technology. The chief guest gave an introduction about the milling technology and the concepts.

We learned a lot from the 5 days program and we were satisfied with the answers from the resource person. Ms.Sweka, 3rd year Food Technology conclude with a vote of thanks.

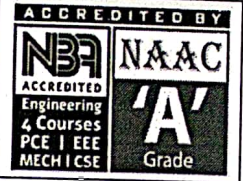
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PICHANUR, COIMBATORE - 641105



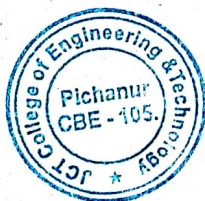
Feed Back Form - Value Added Course: Milling Technology 18.4.2022 - 22.4.2022

Name: MRVIN RASHAV

Class: 2nd Food Technology

Questionnaires	Score card				
	Strongly agree (5)	Agree (4)	Neither agree nor disagree (2.5)	Disagree (1)	Strongly disagree (0)
I found the event useful	✓				
I found the content easy to understand	✓				
The session was relevant to my area of study		✓			
Was the facilitator able to explain the topic in a way understood?	✓				
How will you rate the overall experience?	✓				

Any suggestion (optional) ?

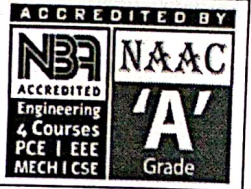



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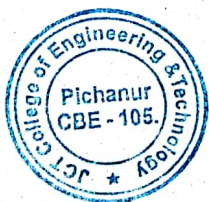
Feed Back Form - Value Added Course: Milling Technology 18.4.2022 – 22.4.2022

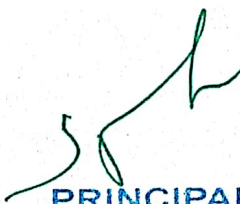
Name: ARSHAD . K

Class: 2nd Food Technology

Questionnaires	Score card				
	Strongly agree (5)	Agree (4)	Neither agree nor disagree (2.5)	Disagree (1)	Strongly disagree (0)
I found the event useful		✓			
I found the content easy to understand		✓			
The session was relevant to my area of study		✓			
Was the facilitator able to explain the topic in a way understood?		✓			
How will you rate the overall experience?	✓				

Any suggestion (optional) ?

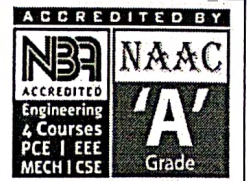



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**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
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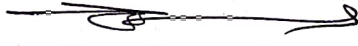


DEPARTMENT OF FOOD TECHNOLOGY

20.04.2022

CIRCULAR

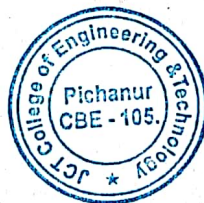
We are planning to conduct a Five days Value Added Course on “**3D printing in Food Products**” from 25.04.2022 to 30.04.2022 in our department. So we are requesting you all to participate this VAC and update your technical knowledge.


(Dr.G.Gnanavel)

HoD

Circulation to:

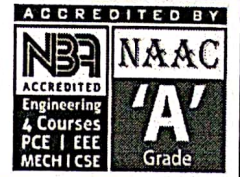
To be displayed on notice board




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JCT College of Engineering and Technology
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**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE – 641105**



DEPARTMENT OF FOOD TECHNOLOGY

25.05.2022

From

Dr.G.Gnanavel,
Professor
Department of Food Technology
JCT College of Engineering and Technology
Coimbatore-641 105

To

The Manager,
Elsa's Oven,
Palakkad,
Kerala

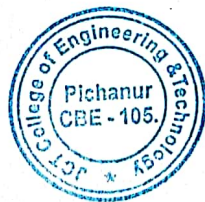
Dear Sir,

Sub: Requesting for Allotting a Certificate course Trainer – Reg...

We would like to bring to your kind notice, that we the department of Food Technology is in need of a certificate course trainer from your company for 3D Printing in Food Products. The trainer will be handling classes for the 2nd, 3rd, 4th year Food Technology students during from 25.04.2022 to 30.04.2022 (5 Days). So I request you to give permission for the above at the earliest.

Thanking you

Yours sincerely



(Dr.G.Gnanavel)

PRINCIPAL

JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



Elsa's Oven

Palakkad, Kerala
944725304

23.4.2022

To

The Head of the Department

Department of Food Technology,

JCT College of Engineering and Technology,

Coimbaore-641 105

Dear Sir/Madam,

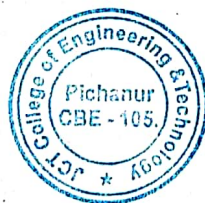
Subject: Allocation of Trainer – Reg...

Here by I accept your request, I will allot the staff member for “3D printing Technology in Food Products”. He/She will complete the course with stipulated time.

Thanking you

Yours

(Elsa's Oven, Palakkad)



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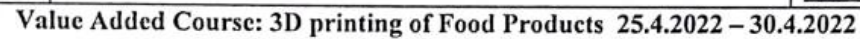
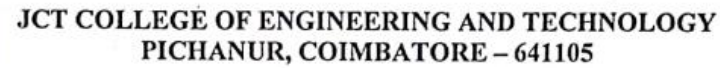
DEPARTMENT OF FOOD TECHNOLOGY

Value added course syllabus: 3D printing in food products

Day 1	Design considerations – Material, Size, Resolution, Process;
Day 2	Modelling and viewing – 3D; Scanning; Model preparation – Digital; Slicing
Day 3	Printer – Working Principle, Positioning System,
Day 4	Print head, Print bed, Frames, Motion control
Day 5	Packaging, Healthcare, Food, Medical, Biotechnology, Displays



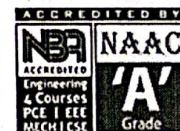

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DEPARTMENT OF FOOD TECHNOLOGY

VALUE ADDED COURSE COMPLETION CERTIFICATE

This certificate is proudly presents to ...ANEENA ANTONY .C ... , III year Food Technology...

attending "Value Added Course : 3D Printing in Food Products " from April 25th—April 30,2022



HOD



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PICHANUR, COIMBATORE - 641105



DEPARTMENT OF FOOD TECHNOLOGY

VALUE ADDED COURSE COMPLETION CERTIFICATE

This certificate is proudly presents to ...SANJAY KUMAR R... , III year Food Technology...

attending "Value Added Course : 3D Printing in Food Products " from April 25th—April 30,2022





HOD


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DEPARTMENT OF FOOD TECHNOLOGY

VALUE ADDED COURSE COMPLETION CERTIFICATE

This certificate is proudly presents to ...PRASIKAS..... , III year Food Technology...

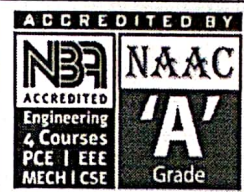
attending "Value Added Course : 3D Printing in Food Products " from April 25th—April 30,2022



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PICHANUR, COIMBATORE – 641105



Feed Back Form

Value Added Course: **3D PRINTING IN FOOD PRODUCTS**

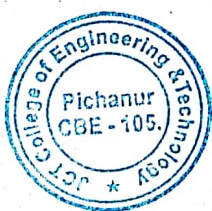
Date: **25.04.2022 - 30.04.2022**

Name: **JHEJAS S**

Class: **3RD FOOD TECH**

Questionnaires	Score card				
	Strongly agree (5)	Agree (4)	Neither agree nor disagree (2.5)	Disagree (1)	Strongly disagree (0)
I found the event useful	✓				
I found the content easy to understand		✓			
The session was relevant to my area of study	✓				
Was the facilitator able to explain the topic in a way understood?		✓			
How will you rate the overall experience?	✓				

Any suggestion (optional) ?



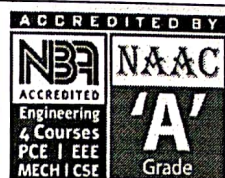
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[Signature]

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PICHANUR, COIMBATORE - 641105



Feed Back Form

Value Added Course: 3D Printing in Food Products

Date: 25/04/2022 - 30/4/2022

Name: Bless Bebu

Class: 3rd Food Tech

Questionnaires	Score card				
	Strongly agree (5)	Agree (4)	Neither agree nor disagree (2.5)	Disagree (1)	Strongly disagree (0)
I found the event useful	✓				
I found the content easy to understand	✓				
The session was relevant to my area of study	✓				
Was the facilitator able to explain the topic in a way understood?	✓				
How will you rate the overall experience?		✓			

Any suggestion (optional) ?

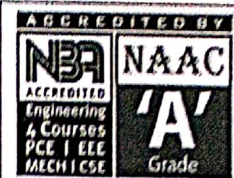


Principal
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

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PICHANUR, COIMBATORE – 641105**



DEPARTMENT OF FOOD TECHNOLOGY

25.05.2022

CIRCULAR

We are planning to conduct a Five days Value Added Course on “**Extruded Foods**” from 01.06.2022 to 05.06.2022 in our department. So we are requesting you all to participate this VAC and update your technical knowledge.

(Dr.G.Gnanavel)

HoD

Circulation to:

To be displayed on notice board

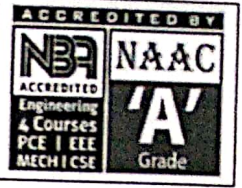


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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE – 641105



DEPARTMENT OF FOOD TECHNOLOGY

25.05.2022

From

Dr.G.Gnanavel,
Professor
Department of Food Technology
JCT College of Engineering and Technology
Coimbatore-641 105

To

The Director,
Moon Foods,
Tiruchengode

Dear Sir,

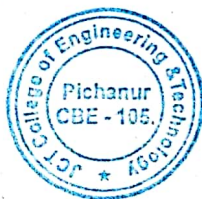
Sub: Requesting for Allotting a Certificate course Trainer – Reg...

We would like to bring to your kind notice, that we the department of Food Technology is in need of a certificate course trainer from your company for Extruded Foods. The trainer will be handling classes for the 2nd, 3rd, 4th year Food Technology students during from 01.06.2022 to 05.06.2022 (5 Days). So I request you to give permission for the above at the earliest.

Thanking you

Yours sincerely

(Dr.G.Gnanavel)



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DEPARTMENT OF FOOD TECHNOLOGY

Value added course syllabus: Extruded Food products

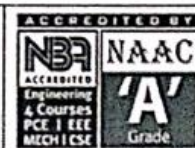
Day 1	Demonstration of Extrusion process, development of extruded product based on cereals and pulses
Day 2	Processing of cereal based products, estimate the composition of extruded products,
Day 3	Demonstrate the factors affecting extrusion cooking
Day 4	Preparation of pasta products, packaging practices of cereal based extruded products
Day 5	Trouble shooting in different processes.




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**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
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Value Added Course: Extruded Foods 1.6.2022 - 5.6.2022

S. NO	REG. NO.	NAME OF THE STUDENT	Date	1.6.2022							2.6.2022							3.6.2022							4.6.2022						5.6.2022					
			Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
1	720920218001	AARDRA S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
2	720920218002	ABHINAV SOMAN		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
3	720920218003	AHALYA D		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
4	720920218004	AISWARYA R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
5	720920218005	ALWIN IGNATIUS T		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
6	720920218006	ANEENA ANTONY .C		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
7	720920218007	ARJUN ASHOK		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
8	720920218008	ARSHIDHA P S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
9	720920218009	ASHIQUE SAKKEER		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
10	720920218010	BALAJI M		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
11	720920218011	BLESIA BABU		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
12	720920218012	DHIYOOF YUSRIN		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
13	720920218013	DINESH K		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
14	720920218015	FATHIMATHU SWALIHA K A		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
15	720920218016	HARINI M J		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
16	720920218017	HARIPRASAD P S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
17	720920218018	HIBA PARVEEN K S		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
18	720920218019	H SHRIN SELFKA		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
19	720920218020	ISHWARYARAI R		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
20	720920218021	JITHIN JASIN		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
21	720920218022	JUMANA HAZEEN M A		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			



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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105



CERTIFICATE

This certificate is proudly presents toAARDRA S , II year Food Technology.....
from JCT College of Engineering and Technology, attending Value Added Course - Extruded Foods" from
June 1st -5th ,2022

Date: 05.06.2022

Director

(Moon Foods, Tiruchengode)



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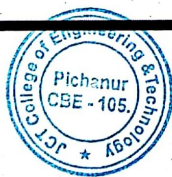
CERTIFICATE

This certificate is proudly presents toVARSHA. D , II year Food Technology.....
from JCT College of Engineering and Technology, attending Value Added Course - Extruded Foods" from
June 1st -5th ,2022

Date: 05.06.2022

Director

(Moon Foods, Tiruchengode)



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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

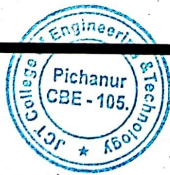


CERTIFICATE

This certificate is proudly presents toSHILPA K , II year Food Technology.....
from JCT College of Engineering and Technology, attending Value Added Course - Extruded Foods" from
June 1st -5th ,2022

Date: 05.06.2022

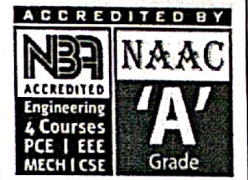
Director
(Moon Foods, Tiruchengode)




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PICHANUR, COIMBATORE - 641 105.



**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE – 641105**

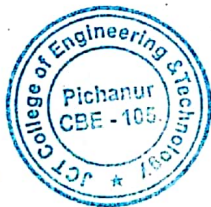


Report on - Value Added Course: Extruded Foods 1.6.2022 – 5.6.2022

The department of Food Technology organized a value added course on Milling Technology from 1st June to 5th June 2022. The resource person for this program was Dr.Sathyamoorthy, from Moon Foods, Tiruchengode, Namakkal (DT). The program started with welcome address by Ms.Kohila.R, Assistant Professor. The felicitation address was given by Dr.D.Manoharan, Principal, JCT College of Engineering and Technology. The introduction about the chief guest was given by Ms.Sweka, 3rd Year Food Technology. The chief guest gave an introduction about the milling technology and the concepts.

We learned a lot from the 5 days program and we were satisfied with the answers from the resource person. Ms.Sweka, 3rd year Food Technology conclude with a vote of thanks.

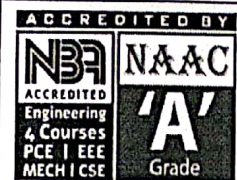
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Feed Back Form

Value Added Course: *Extended Foods*

Date: *01.06.2022 to 05.06.2022*

Name: *A. Irm Ignatious T*

Class: *3rd Year Food Tech*

Questionnaires	Score card				
	Strongly agree (5)	Agree (4)	Neither agree nor disagree (2.5)	Disagree (1)	Strongly disagree (0)
I found the event useful		✓			
I found the content easy to understand		✓			
The session was relevant to my area of study		✓			
Was the facilitator able to explain the topic in a way understood?	✓				
How will you rate the overall experience?		✓			

Any suggestion (optional) ?



[Signature]
PRINCIPAL
JCT College of Engineering and Technology
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[Signature]

HOD



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE - 641105

DEPARTMENT OF PETROCHEMICAL ENGINEERING

15-02-2022

To

The Principal,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore 641105

*Permitted -
S.G. 15/2/22*

Respected Sir,

Subject: Requisition to conduct certification course on Flow assurance in oil and gas industry for Third year Petrochemical Engineering

With Reference to above, Kindly permit and give sanction to conduct certification course on Flow assurance in oil and gas industry for Third year Petrochemical Engineering department. Kindly do the needful.

Thanking You

Yours Truly

Mr. Flavin John



HoD/PCE

PRINCIPAL

JCT

**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE - 641105**

CIRCULAR

It is planned to conduct Certification course on **FLOW ASSURANCE IN OIL AND GAS INDUSTRY** for **THIRD YEAR PETROCHEMICAL ENGINEERING** from 21st February to 10th March 2022. Attendance is compulsory for the successful completion of course.


HoD/PCE




PRINCIPAL
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JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



To
The Principal,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore 641105

Respected Sir,

Subject: Acceptance letter and confirmation to conduct certification course on
Flow assurance in oil and gas industry for Third year Petrochemical Engineering

With Reference to above, we confirm and accept the requisition to conduct certification
course on Flow assurance in oil and gas industry for Third year Petrochemical Engineering
department. We are pleased to train the course for your college students

Thanking You

With Regards

Srinivasan G

Trainer – Oil and Gas institute

Chennai

Flow Assurance in Oil and Gas Industries

Objective: This course enables the understanding of technical, safety and environmental risks associated with deposition problems in near-wellbore formations, production tubing, wellhead equipment, flow lines and processing facilities which are relevant in the oil and gas industry

Course Content:

Unit	Topics	Sub-topic	Lectures
1	Pipeline flow	Two-phase flow in pipelines, Convective mass transfer, Boundary layer theory, Particle mass transfer, Deposition models, pipeline and station design, compressor fundamentals, choice of pumps	10
2	Solubility principles and scaling issues	Natural gas hydrate: Trapped in cages, Water vapour in natural gas, Equilibrium lines, Non-hydrocarbon gases and water salinity, Prevention by antifreeze, Prevention by low-dosage chemicals, Prevention by cold flow. Inorganic scale: Main factors and issues, Solubility graphs, Equilibrium and activity, Chemical potential, Solubility of scaling minerals, Sulphate scale, Carbonate scale, Sulphide scale, Amorphous silica	10
3	Challenges in flow assurance	Naphthenate: Naphthenic acids, Tetra carboxylic acids, Composition of deposits, Deposition parameters, Interface processes, Size of bubbles and droplets. Identifying challenges in flow assurance: How, when, where?, Initial diagnosis and solution of flow assurance production problems in operations, rheology investigation, Hydraulic and thermal analysis, Flow restrictions and blockages in operations. Flow assurance deliverability issues : Flow assurance stability issues, Flow assurance integrity issues, Research methods in flow assurance, Flow assurance modeling, Risk analysis	10


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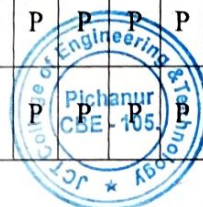


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FLOW ASSURANCE IN OIL AND GAS INDUSTRY – ATTENDANCE SHEET 21 FEBRUARY TO 10th MARCH 2022

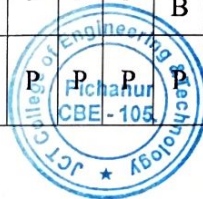
S. NO	REG.N O	NAME OF THE STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	720919139035	MOHAMED AYISH.A.A	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P
2	720919139039	NANDHA KUMAR.J	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	720919139040	NITHISHWARA N.V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	A B	P	P	P	P	P	P	P	P	P	P	P	P
4	720919139041	PRANAV T	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P
5	720919139042	PRASANTH S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	720919139043	PRAVEEN KUMAR.K	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P
7	720919139045	RAAJKAMAL BORBORA	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	720919139046	RAHUL R	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	720919139047	RAJA KABILESH.R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	720919139048	RESHMA L A	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P
11	720919139049	ROSHIN DANNISH.R	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	720919139050	SAMPANTHAM. G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	720919139051	S. SARATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P

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 PICHANUR, COIMBATORE - 641 105.



[illegible]

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PICHANUR, COIMBATORE - 641 105.



Feedback Form

Event Name: Flow assurance in oil and gas industries

Event Venue: class room - IIIrd year Date: 10-03-2022

Name of participant: Ashish. K.K

Group / Association Name: Petrochemical Eng

1. How useful did you think this event was for you?
(please circle the appropriate number where 1 = not at all useful and 5 = extremely useful)

1	2	3	4 ✓	5
---	---	---	-----	---

2. Do you think this venue was appropriate?

Yes ✓	No
-------	----

3. Did you receive all the information you required at this Venue?

Yes ✓	No
-------	----

4. If you attended (if appropriate) any of the question and answer sessions do you agree that the, Tutor / Leader / Instructor provided the information asked for in these sessions.
(please circle the appropriate number 1 = disagree and 5 = completely agree)

1	2	3	4 ✓	5
---	---	---	-----	---

5. How would you rate the course attended :
(please circle the appropriate number where 1 = not at all useful and 5 = extremely useful)

1	2	3	4	5 ✓
---	---	---	---	-----

PLEASE SUPPLY BRIEF INFO ON THIS AND COMMENT OVERLEAF

6. Would you like to attend any further Conference / Seminar / Webinar?

Yes ✓	No
-------	----

JCT
College of Engineering and Technology

JCT College of Engineering and Technology
Pichanur, Coimbatore – 641105



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

NANDHA KUMAR.J

of THIRD YEAR PETROCHEMICAL ENGINEERING

Has successfully completed the training course on

**“FLOW ASSURANCE IN OIL AND GAS
INDUSTRIES” during the duration**

21-02-2022 to 10-03-2022

TRAINER

HOD/PCE

PRINCIPAL





CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

SHERON VARGHESE

of THIRD YEAR PETROCHEMICAL ENGINEERING

Has successfully completed the training course on

**“FLOW ASSURANCE IN OIL AND GAS
INDUSTRIES” during the duration**

21-02-2022 to 10-03-2022

TRAINER

HOD/PCE

PRINCIPAL





CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

RESHMA L A

of THIRD YEAR PETROCHEMICAL ENGINEERING

Has successfully completed the training course on

**“FLOW ASSURANCE IN OIL AND GAS
INDUSTRIES” during the duration**

21-02-2022 to 10-03-2022

TRAINER

HOD/PCE

PRINCIPAL



JCT

JCT College of Engineering and Technology
Pichanur, Coimbatore - 641105



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

DHANASEKARAN S

of THIRD YEAR PETROCHEMICAL ENGINEERING

Has successfully completed the training course on

**“FLOW ASSURANCE IN OIL AND GAS
INDUSTRIES” during the duration**

21-02-2022 to 10-03-2022

A handwritten signature in black ink, appearing to read 'Srinivas'.

TRAINER

A handwritten signature in blue ink, appearing to read 'S. R. S.'.

HOD/PCE

A handwritten signature in green ink, appearing to read 'S. R. S.'.

PRINCIPAL





CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

ASHISH K K

of THIRD YEAR PETROCHEMICAL ENGINEERING

Has successfully completed the training course on

**“FLOW ASSURANCE IN OIL AND GAS
INDUSTRIES” during the duration**

21-02-2022 to 10-03-2022

A handwritten signature in black ink, appearing to read 'Srinivas'.

TRAINER

A handwritten signature in black ink, appearing to read 'S. K. K.'.

HOD/PCE

A handwritten signature in green ink, appearing to read 'S. K. K.'.

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JCT

JCT College of Engineering and Technology
Pichanur, Coimbatore - 641105



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

ABINATH T

of THIRD YEAR PETROCHEMICAL ENGINEERING

Has successfully completed the training course on

**“FLOW ASSURANCE IN OIL AND GAS
INDUSTRIES” during the duration**

21-02-2022 to 10-03-2022

A handwritten signature in black ink, appearing to read "Srinivas", written over the word "TRAINER".

TRAINER

A handwritten signature in blue ink, appearing to read "S. K. Srinivas", written over the text "HOD/PCE".

HOD/PCE

A handwritten signature in green ink, appearing to read "S. K. Srinivas", written over the word "PRINCIPAL".

PRINCIPAL





JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE – 641105
DEPARTMENT OF PETROCHEMICAL ENGINEERING

25.01.2022

TO
The Principal,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore 641105

RESPECTED SIR,

Subject: Requisition to conduct certification course on Safety in Petrochemical Industry for Second year Petrochemical Engineering

With Reference to above, Kindly permit and give sanction to conduct certification course on Safety in Petrochemical Industry for Second year Petrochemical Engineering department. Kindly do the needful.

Thanking You

Yours Truly

Mr. Flavin John

HoD/PCE

PRINCIPAL



**JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE - 641105**

CIRCULAR

It is planned to conduct Certification course on **SAFETY IN PETROCHEMICAL INDUSTRY** for SECOND YEAR PETROCHEMICAL ENGINEERING from 1st February to 20th February 2022.

Attendance is compulsory for the successful completion of course.

HoD/PCE




PRINCIPAL

**JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.**



17-02-2022

To
The Principal,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore 641105

Respected Sir,

Subject: Acceptance and confirmation letter to conduct
certification course on Safety in Petrochemical Industry for Second year
Petrochemical Engineering

With Reference to above, Acceptance and confirmation letter to
conduct certification course on Safety in Petrochemical Industry for Second
year Petrochemical Engineering department.

Thanking You

With Regards

G S Balaji

Director

ITSHO Industrial Solutions Pvt Ltd.

SYLLABUS

1. FACTORIES

ACT

—

1948

Statutory authorities – inspecting staff, health, safety, provisions relating to hazardous processes, welfare – special provisions – penalties and procedures-Tamilnadu Factories Rules 1950 under Safety and health chapters of Factories Act 1948 - Tamilnadu safety officer rules 2005.

2. ENVIRONMENT

ACT

—

1986

General powers of the central government, prevention, control and abatement of environmental pollution- Biomedical waste (Management and handling Rules), 1989-The noise pollution (Regulation and control) Rules, 2000- The Batteries (Management and Handling Rules) 2001- No Objection certificate from statutory authorities like pollution control board. Air Act 1981 and Water Act 1974. Central and state boards for the prevention and control of air pollution powers and functions of boards – prevention and control of air pollution and water pollution.

3. MANUFACTURE, STORAGE & IMPORT OF HAZARDOUS CHEMICAL RULES 1989

Definitions – duties of authorities – responsibilities of occupier – notification of major accidents – information to be furnished – preparation of offsite and onsite plans – list of hazardous and toxic chemicals – safety reports – safety data sheets

SAFETY IN PETROCHEMICAL INDUSTRY - ATTENDANCE SHEET 01.02.2022 to 20.02.2022

REG NO.	NAME OF THE STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
72092013 9001	AJAY B	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9002	AJAY T	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9003	AKASH P R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9004	ANANDHU KESAV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P
72092013 9005	AROCKIA ARUL CHANDRU S	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9006	ARULGNANI K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9007	ARULSELVAN S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9009	BOOBALAN R	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9010	CHETLAMALLA PURAM MAMATHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9011	DALVIN R	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9012	HARIHARAN M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9013	JOSHVA JOSEPH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9014	KAILAS KRISHNA D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9015	MADHESHWAR AN K P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9016	MANOJ A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9017	MUTHU SELVAM M	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72092013 9018	NOOR MOHAMMED J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P
72092013	PRASHANT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

ALEN T S

of SECOND YEAR PETROCHEMICAL ENGINEERING

Has successfully completed the training course on

“SAFETY IN PETROCHEMICAL INDUSTRIES”

during the duration

01-02-2022 to 20-02-2022

G. Balaji

TRAINER

S. R. S.

HOD/PCE

S. R. S.

PRINCIPAL



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE - 641105
DEPARTMENT OF PETROCHEMICAL ENGINEERING

25.09.2021

TO
The Principal,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore 641105

RESPECTED SIR,

Subject: Requisition to conduct certification course on Simulation Using
PROSIM for Final year Petrochemical Engineering

With Reference to above, Kindly permit and give sanction to conduct certification
course on Simulation Using PROSIM for Final year Petrochemical Engineering department.
Kindly do the needful.

Thanking You

Yours Truly

Mr. Flavin John



HoD/PCE

PRINCIPAL

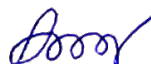
CIRCULAR

It is planned to conduct Certification course on **SIMULATION USING PROSIM** for **FINAL YEAR PETROCHEMICAL ENGINEERING** from 1st October to 20th October 2021.

Attendance is compulsory for the successful completion of course.


HoD/PCE




PRINCIPAL
PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

27-09-2021

To
The Principal,
JCT College of Engineering and Technology,
Pichanur,
Coimbatore 641105

Respected Sir,

Subject: Acceptance and confirmation to conduct certification course on Simulation Using PROSIM for Final year Petrochemical Engineering

With Reference to above, I accept and confirm to conduct certification course on Simulation Using PROSIM for Final year Petrochemical Engineering department.

Thanking You

With Regards
B Parthiban
AP/PCE

SIMULATION IN PROSIM

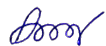
SYLLABUS

1. Distillation column
2. Heat Exchangers.
3. Centrifugal pump and troubleshooting guide.
4. Compressors
5. Valves

Yours Truly
Mr. Flavin John



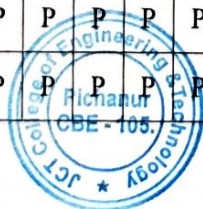

HoD/PCE


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JCT College of Engineering & Technology
PICHANUR, COIMBATORE - 641 105

Simulation in PROSIM ATTENDANCE SHEET 01.10.2022 to 20.10.2022

S. NO	REG.N O	NAME OF THE STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	720918139001	AAJIN S	P	P	P	P	AB	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	720918139003	AJITH JOSE FRANCIS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	720918139004	AKASH S	P	P	P	P	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	720918139006	ALAVI MAJID P K	P	P	P	P	P	P	P	P	P	P	P	P	P	AB	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	720918139007	ALWIN JOSEPH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	720918139008	AMAL O V	P	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	720918139010	ANANDHU K S	P	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	720918139011	ANANDHU P B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	720918139012	ANANDUKR ISHNAN	P	P	P	P	P	P	AB	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	720918139013	ANGITH A LAKSHMAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	720918139015	ARJUNRAJ T	P	P	P	P	P	P	P	P	P	AB	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	720918139016	ARUN KUMAR S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	720918139017	ASHISH V V	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	720918139018	ASHWIN RAJR	P	P	P	P	P	P	P	AB	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	720918139019	ASRAY A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	720918139020	ASWIN O	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



Handwritten signature

17	7209181 39021	BASIL VINOD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	7209181 39022	BAVA SALMAN M A	P	P	A B	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	7209181 39023	BHARATH A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	7209181 39024	BHUVANES HWARAN M	P	P	P	P	A B	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	7209181 39025	CHANDRA MOULI B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	7209181 39026	CHANDRU M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	7209181 39027	CHANDRU S	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P
24	7209181 39028	DASTON DAVID T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	7209181 39030	DIVIN RAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	A B	P	P	P	P	P
26	7209181 39031	DURAIRAJ A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	7209181 39032	ELAMARAN A	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B
28	7209181 39033	ESAKKI RAJA G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	7209181 39034	GIDEON P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P
30	7209181 39035	GNANA SEKAR I	A B	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	7209181 39036	GOGUL NATH R	P	P	P	P	P	P	P	P	P	P	P	P	A B	A B	P	P	P	P	P	P	P	P	P	P	P	P	P
32	7209181 39037	GOLDWIN JENISH K S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	7209181 39038	GOWTHAM K	P	P	A B	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	7209181 39039	GOWTHAM K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	7209181 39040	GUNALAN J	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P
36	7209181 39043	JITHIN GEORGE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P

PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

28	720918139082	SHADJU K S	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P
29	720918139083	SIBI.M	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	720918139084	SREEVISHAK H HARIDAS	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	720918139086	SUBARAMA GOKILAN R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	720918139087	SUBHA KABILAN.D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	720918139088	SUNERIA.S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	720918139089	THIRUPPATHI R	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P
35	720918139091	VENGATESA N S	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	720918139092	VENGATESH M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P
37	720918139093	VENKITESH P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	720918139094	VIBIN.M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	720918139095	VIJAYAPRAB HAKARAN V	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P
40	720918139096	VIJIN VARGHESE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	720918139097	VIMAL P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	720918139098	VIMALRAJ C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P
43	720918139099	VIPIN.T.P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	720918139301	AHAMED SHAFAHADIS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	720918139303	MADHAN. A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P
46	720918139305	SOBHANA VARAPRASA D K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P
47	720918139307	K VENKATA MAHENDRA	P	P	P	P	P	P	P	P	P	P	A B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P


PRINCIPAL
 College of Engineering and Technology
 ANUR, COIMBATORE - 641 105.



Feedback Form

Event Name: Simulation using Prosim
Event Venue: Common Computer Centre Date: 20/10/2021
Name of participant: Growtham. K
Group / Association Name: Petrochemical Engineering

1. How useful did you think this event was for you?
(please circle the appropriate number where 1 = not at all useful and 5 = extremely useful)

1	2	3	4	5 ✓
---	---	---	---	-----

2. Do you think this venue was appropriate?

Yes ✓	No
-------	----

3. Did you receive all the information you required at this Venue?

Yes ✓	No
-------	----

4. If you attended (if appropriate) any of the question and answer sessions do you agree that the, Tutor / Leader / Instructor provided the information asked for in these sessions.
(please circle the appropriate number 1 = disagree and 5 = completely agree)

1	2	3	4	5 ✓
---	---	---	---	-----

5. How would you rate the course attended :
(please circle the appropriate number where 1 = not at all useful and 5 = extremely useful)

1	2	3	4	5 ✓
---	---	---	---	-----

PLEASE SUPPLY BRIEF INFO ON THIS AND COMMENT OVERLEAF

6. Would you like to attend any further Conference / Seminar / Webinar?

Yes ✓	No
-------	----



CERTIFICATE OF COMPLETION

THIS IS TO CERIFY THAT

CHANDRU M

of FINAL YEAR PETROCHEMICAL ENGINEERING

Has successfully completed the training course on

“SIMULATION USING PROSIM” during the duration

01-10-2021 to 20-10-2021

TRAINER

HOD/PCE

PRINCIPAL



CERTIFICATE OF COMPLETION

THIS IS TO CERIFY THAT

GNANA SEKAR I

of FINAL YEAR PETROCHEMICAL ENGINEERING

Has successfully completed the training course on

“SIMULATION USING PROSIM” during the
duration 01-10-2021 to 20-10-2021

A handwritten signature in black ink, appearing to read 'P. M. S.', written over the word 'TRAINER'.

TRAINER

A handwritten signature in black ink, appearing to read 'P. M.', written over the text 'HOD/PCE'.

HOD/PCE

A handwritten signature in black ink, appearing to read 'A. M.', written over the word 'PRINCIPAL'.

PRINCIPAL



CERTIFICATE OF COMPLETION

THIS IS TO CERIFY THAT

CHANDRU M

of FINAL YEAR PETROCHEMICAL ENGINEERING

Has successfully completed the training course on

“SIMULATION USING PROSIM” during the duration

01-10-2021 to 20-10-2021

TRAINER

HOD/PCE

PRINCIPAL



JCT College of Engineering and Technology

**Pichanur Coimbatore-641105
Department of Petroleum Engineering**



Date: 29-09-2022

CIRCULAR

We are planning to conduct Value added course on **“Introduction to Hydraulic fracturing”** for the teaching faculty on **05-10-2022 to 19-10-2022**. Interested participants can send their confirmation to HOD mail id on or before 02-10-2022. Any clarification please contact our department head.

Circulation to:

- Seminar Hall
- To be displayed on the Notice board

HOD

Petroleum Engineering Department



JCT College of Engineering and Technology

**Pichanur Coimbatore-641105
Department of Petroleum Engineering**



Date: 29-09-2022

From

Dr.S.VenkateshBabu
HOD of Petroleum Engineering department
JCT College of Engineering and Technology
Pichanur
Coimbatore – 641105

To

THE PRINCIPAL
JCT College of Engineering and Technology
Pichanur
Coimbatore – 641105

Respected Sir,

SUB: Requisition for organizing Value added course on “**Introduction to Hydraulic Fracturing**” –Reg.

We would like to organized Value added course on “**Introduction to Hydraulic Fracturing**” from 05-10-2022 to 19-10-2022. This Program will be helpful for students to get trained for the emerging challenges and technologies in hydrocarbon industry. I request you to please permit the students and concerned staff to attend the program.

Thankyou

Permitted
S.V.

[Handwritten signature]

[Handwritten signature]
HOD
Petroleum Engineering Department



JCT College of Engineering and Technology

**Pichanur Coimbatore-641105
Department of Petroleum Engineering**



Syllabus

Program: Introduction to Hydraulic fracturing

Topics:

1. Reservoir stimulation
2. types of stimulation
3. process of production
4. acid fracturing
5. leak off test

A handwritten signature in blue ink, consisting of stylized, cursive letters.



JCT College of Engineering and Technology

Pichanur Coimbatore-641105

Department of Petroleum Engineering



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATORE 641 105

Department of Petroleum Engineering

Attendance Sheet

Name of the Program: **Introduction to Hydraulic fracturing**

S. No	Name of the Student	5/10/21	6/10/21	7/10/21	8/10/21	9/10/21	10/10/21	12/10/21	13/10/21	14/10/21
1	AKASH J	/	/	/	/	/	/	/	/	/
2	AKSHAY PRADEEP	/	/	/	a	a	/	/	/	/
3	ANAND A	/	/	/	/	/	/	/	/	/
4	ANUSIYA, C	/	/	/	a	a	/	/	/	/
5	ARAVINDHAN, R	/	/	/	/	/	/	/	/	/
6	ARJAV, H	/	/	/	/	/	a	a	/	/
7	ASVIN, S	/	/	/	/	/	/	/	/	/
8	ATHUL BABU P	/	/	/	/	/	/	/	/	/
10	DHIYANESH R	/	/	/	/	/	/	/	/	/
11	DUO L S	/	/	/	/	/	/	/	/	/
12	HARI KRISHNA R G	/	/	/	/	a	/	/	/	/
13	JAGATH RATCHAGAN M	/	/	/	/	/	/	/	a	/
14	JAIRISHNA, A	/	/	/	/	/	/	/	/	/
15	DHINESHKUMAR G	/	/	/	a	a	a	/	/	/
16	DHIVAKAR, S	/	/	/	/	/	/	/	/	/
17	DIBISH, J	/	/	/	/	/	/	/	/	/
18	ESAKKI SELVAM, M	/	/	/	/	a	/	/	/	/
19	GNANASEKARAN, S	/	/	/	/	/	/	/	a	/
20	HARIKRISHNAN, V	/	/	/	/	/	/	/	/	/
21	HARIKRISHNAN, N, VINOD	/	/	/	a	a	a	/	/	/
22	HRITHIK PRAKASAN	/	/	/	a	a	a	/	/	/
23	JUTEN PETER LEON	/	/	/	/	/	a	a	/	/
24	KANNAN, V, S	/	/	/	/	/	/	/	/	/

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					a					
25	KAVIYARASU.M	/	/	/	/	/	/	/	/	/
26	KISHORE C	/	/	/	/	/	a	a	/	/
27	LAVANYA B	/	/	/	/	/	/	/	/	/
28	LIBIN JOSEPH	/	/	a	a	/	/	/	/	/
29	MAHARAJA.M	/	/	/	/	/	/	/	a	/
30	MAHATHEER MOHAMED.M	/	/	/	/	a	a	/	/	/
31	MOHAMMED SHAHIN	/	/	/	/	/	/	/	/	/
32	MUHAMMED AKASH.M.K	/	/	/	/	/	/	/	/	/
33	MUHAMMED JASIL.P.K	/	/	/	a	/	/	a	/	/
34	MUHAMMED SHEZIN	/	/	/	/	/	/	/	/	/
35	MUSTAQ AHAMED.A	/	/	/	/	/	/	/	/	/
36	NABEEL NOUSHAD	/	/	a	a	/	/	/	/	/

HOD

Petroleum Engineering Department



JCT College of Engineering and Technology

Pichanur Coimbatore-641105



Department of Petroleum Engineering

Student Feedback

Name of the student: Pranith Kumar Sex(M/F) M

Department: Petroleum Engineering E-mail: divakar24@gmail.com

Address: Reddy, Villupuram, Chennai mobile: 8665201211

Students are required to rate the courses.

Program: Introduction to Hydraulic Fracturing

[Tick(✓) in the relevant cell]

Parameters	A (v.good)	B(good)	C(satisfactory)	D(unsatisfactory)
1. knowledge base of the teacher (as perceived by you)		✓		
2. Communication skills (interm of articulation and compressibility)	✓			
3. sincerity/ commitment of the teacher	✓			
4. interest generated by the teacher		✓		
5. Ability to integrate course material with environment/ other issues, to provide a broader perspective	✓			
6. Ability to design quizzes/tests/assignments/ examinations and projects to evaluate students understanding of the course	✓			
7. Ability to integrate content with other courses.		✓		
8. provision for sufficient time for feedback	✓			
9. Overall rating		✓		

[Signature]
MOD/Petroleum

[Handwritten mark]



JCT College of Engineering and Technology

Pichanur Coimbatore-641105



Department of Petroleum Engineering

CERTIFICATION OF COMPLETION

This is to certify that Mr. /Ms AKASH.J has successfully completed the course on **Introduction to Hydraulic fracturing** from 5-10-2022 to 19-10-2022. He was found to be satisfactory.

A handwritten signature in black ink, appearing to be 'AKASH.J', written over the printed name 'SPE Convener'.

SPE Convener

A handwritten signature in green ink, appearing to be 'S.K.', written over the printed name 'Principal'.

Principal



JCT College of Engineering and Technology

Pichanur Coimbatore-641105



Department of Petroleum Engineering

CERTIFICATION OF COMPLETION

This is to certify that Mr. /Ms AKSHAY PRADEEP has successfully completed the course on **Introduction to Hydraulic fracturing** from 5-10-2022 to 19-10-2022. He was found to be satisfactory.


SPE Convener


Principal



JCT College of Engineering and Technology

Pichanur Coimbatore-641105
Department of Petroleum Engineering



Date: 03-09-2021

CIRCULAR

We are planning to conduct short term course on “HSC in Offshore Field” for the teaching faculty on 04-09-2021 to 19-09-2021. Interested participants can send their confirmation to HOD S mail id on or before 02-10-2022. Any clarification please contact our department head.

Circulation to:

- Semi

- To be : Notice board

HOD/Petroleum



JCT College of Engineering and Technology

Pichanur Coimbatore-641105
Department of Petroleum Engineering



Date: 02-09-2022

From

Dr. S. Venkatesh Babu
HOD of Petroleum Engineering department
JCT College of Engineering and Technology
Pichanur
Coimbatore – 641105

To

THE PRINCIPAL
JCT College of Engineering and Technology
Pichanur
Coimbatore – 641105

Respected Sir,

SUB: Requisition for organizing Value added course on “HSC in Offshore field” –Reg.

We would like to organize Value added course on “HSC in Offshore field” from 04-09-2021 to 19-09-2021. This Program will be helpful for students to get trained for the emerging challenges and technologies in hydrocarbon industry. I request you to please permit the students and concerned staff to attend the program.

Thankyou

Yours sincerely,

HOD

Petroleum Engineering Department

Syllabus

Program: Health and Safety in Offshore field

Topics:

- 1. Introduction to offshore field**
- 2. Safety measurements for oil and gas field**
- 3. Alarm Signals for safety**
- 4. chemical hazards**
- 5. Safety protocols**



JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

COIMBATOR 641 105

Department of Petroleum Engineering

Attendance Sheet

Name of the Program: HSE in offshore field

S.No	Name of the Student	4/9/21	6/9/21	7/9/21	8/9/21	9/9/21	10/9/21	11/9/21	13/9/21	14/9/21
1	ADARSH CHANDRAN	/	/	/	/	/	a	a	/	/
2	ADHIDEV KRISHNA P J	/	/	/	a	/	/	/	/	/
3	AISWARYA B	/	/	/	/	/	/	/	/	/
4	AJAY S M	/	/	/	a	/	/	/	/	/
5	AJAY C SURESH	/	/	/	/	a	a	a	a	/
6	AKILESH K	/	/	/	/	/	/	a	/	/
7	AMRITHA N KRISHNA	/	/	/	/	/	/	/	/	/
8	ANAND M.V	/	/	/	a	a	/	/	/	/
10	ARUN CHAND	/	/	/	a	a	/	/	/	/
11	ASHIN.S.S	/	/	/	/	/	/	/	/	/
12	ASHOK KUMAR V	/	/	/	/	/	a	a	/	/
13	BRIGHTON BALAN.J	/	/	/	/	/	/	/	/	/
14	DHANUSH.P	/	/	/	/	/	/	/	/	/
15	DHINESHKUMAR G	/	/	/	/	a	/	/	a	/
16	DHIVAKAR.S	/	/	/	/	/	/	/	/	/
17	DIBISH.J	/	/	/	/	/	/	/	/	/
18	ESAKKI SELVAM.M	/	/	/	/	a	/	/	/	/
19	GNANASEKARAN.S	/	/	/	/	/	/	/	a	/
20	HARIKRISHNAN.V	/	/	/	/	/	/	/	/	/
21	HARIKRISHNAN.N. VINOD	/	/	/	a	a	a	/	/	/
22	HRITHIK	/	/	/	/	/	/	/	/	/

	PRAKASAN				a	a	a			
23	JUTEN PETER LEON	/	/	/	/	/	a	a	/	/
24	KANNAN.V.S	/	/	/	a	/	/	/	/	/
25	KAVIYARASU.M	/	/	/	/	/	/	/	/	/
26	KISHORE C	/	/	/	a	/	/	/	/	/
27	LAVANYA B	/	/	/	/	a	a	a	a	/
28	LIBIN JOSEPH	/	/	/	/	/	/	a	/	/
29	MAHARAJA.M	/	/	/	/	/	/	/	/	/
30	MAHATHEER MOHAMED.M	/	/	/	a	a	/	/	/	/
31	MOHAMMED SHAHIN	/	/	/	/	/	/	/	/	/
32	MUHAMMED AKASH.M.K	/	/	/	a	a	/	/	/	/
33	MUHAMMED JASIL.P.K	/	/	/	/	/	/	/	/	/
34	MUHAMMED SHEZIN	/	/	/	/	/	a	a	/	/
35	MUSTAQ AHAMED.A	/	/	/	/	/	/	/	/	/
36	NABEEL NOUSHAD	/	/	a	a	/	/	/	/	/
37	NANTHAKUMAR S	/	/	/	/	/	/	/	a	/
38	NAVANEETHAN.N	/	/	/	/	a	a	/	/	/
39	NAVEEN.R	/	/	/	/	/	/	/	/	/
40	NAWIN T	/	/	/	/	/	/	/	/	/
41	NETHAJI.P	/	/	/	a	/	/	a	/	/
42	PAVITHRAN.K	/	/	/	/	/	/	/	/	/

HOD
 Petroleum Engineering Department



JCT College of Engineering and Technology

Pichanur Coimbatore-641105



Department of Petroleum Engineering

Student Feedback

Name of the student: Arun Sex(M/F) M

Department: Petroleum Engineering E-mail: Arun021@gmail.com

Address: Reddy, Villupuram, Chennai mobile: _____

Students are required to rate the courses.

Program: HSC in Offshore Field

[Tick(✓) in the relevant cell]

Parameters	A (v.good)	B(good)	C(satisfact ory)	D(unsatisfactory)
1. knowledge base of the teacher (as perceived by you)		✓		
2. Communication skills (interm of articulation and compressibility)	✓			
3. sincerity/ commitment of the teacher	✓			
4. interest generated by the teacher		✓		
5. Ability to integrate course material with environment/ other issues, to provide a broader perspective	✓			
6. Ability to design quizzes/tests/assignments/ examinations and projects to evaluate students understanding of the course	✓			
7. Ability to integrate content with other courses.		✓		
8. provision for sufficient time for feedback	✓			
9. Overall rating		✓		

[Signature]
HOD/Petroleum

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JCT College of Engineering and Technology

Pichanur Coimbatore-641105



Department of Petroleum Engineering

CERTIFICATION OF COMPLETION

This is to certify that Mr. /Ms ADARSH CHANDRAN has successfully completed the course on **HSE in Offshore Field** from 04-09-2021 to 19-09-2021. He was found to be satisfactory.

A handwritten signature in black ink, appearing to be 'SPE Convener'.

SPE Convener

A handwritten signature in green ink, appearing to be 'Principal'.

Principal



JCT College of Engineering and Technology

**Pichanur Coimbatore-641105
Department of Petroleum Engineering**



Date: 16-10-2022

CIRCULAR

We are planning to conduct short term course on **"IT in oil and gas"** for the teaching faculty on **18-10-2022 to 29-10-2022**. Interested participants can send their confirmation to HOD mail id on or before 02-10-2022. Any clarification please contact our department head.

Circulation to:

- Seminar Hall
- To be displayed on the Notice board

HOD/Petroleum



JCT College of Engineering and Technology
Pichanur Coimbatore-641105
Department of Petroleum Engineering



Date: 12-10-2022

From

Dr.S.VenkateshBabu
HOD of Petroleum Engineering department
JCT College of Engineering and Technology
Pichanur
Coimbatore – 641105

To

THE PRINCIPAL
JCT College of Engineering and Technology
Pichanur
Coimbatore – 641105

Respected Sir,

SUB: Requisition for organizing short term course on “IT in oil and gas” –Reg.

We would like to organized short term course on “IT in oil and gas” from 18-10-2022 to 29- 10-2022. This Program will be helpful for students to get trained for the emerging challenges and technologies in hydrocarbon industry. I request you to please permit the students and concerned staff to attend the program.

Thankyou

Yours sincerely

HOD

Petroleum Engineering Department



JCT College of Engineering and Technology

Pichanur Coimbatore-641105

Department of Petroleum Engineering



Syllabus

Program: IT in Oil and Gas

Topic:

1. Introduction to Data science
2. Applications of IT in Oil and gas
3. Types of softwares used in Oil and gas
4. Data simulation
5. Simulators for data prediction.





JCT College of Engineering and Technology

Pichanur Coimbatore-641105

Department of Petroleum Engineering



Attendance Sheet

Name of the Program: IT in Oil and Gas

S. No	Name of the Student	18/10/21	19/10/21	20/10/21	21/10/21	22/10/21	23/10/21	25/10/21	26/10/21	28/10/21
1	AKASH.J	/	/	a	/	/	/	/	/	/
2	AKSHAY PRADEEP	/	/	/	/	/	/	/	a	/
3	ANAND A	/	/	/	/	/	/	/	/	/
4	ANUSIYA.C	/	/	/	a	a	/	/	/	/
5	ARAVINDHAN.R	/	/	/	/	/	/	/	/	/
6	ARJAV.H	/	/	/	/	/	a	a	/	/
7	ASVIN.S	/	/	/	/	/	/	/	/	/
8	ATHUL BABU P	/	/	/	/	/	/	/	/	/
10	DHIYANESH R	/	/	/	/	/	/	/	/	/
11	DIJO L.S	/	/	/	/	/	/	/	/	/
12	HARI KRISHNA R G	/	/	/	/	a	/	/	/	/
13	JAGATH RATCHAGAN M	/	/	/	/	/	/	/	a	/
14	JAIRISHNA.A	/	/	/	/	/	/	/	/	/
15	DHINESHKUMAR G	/	/	/	a	a	a	/	/	/
16	DHIVAKAR.S	/	/	/	/	/	/	/	/	/
17	DIBISH.J	/	/	/	/	/	/	/	/	/
18	ESAKKI SELVAM.M	/	/	/	/	a	/	/	/	/
19	GNANASEKARAN.S	/	/	/	/	/	/	/	a	/
20	HARIKRISHNAN.V	/	/	/	/	/	/	/	/	/
21	HARIKRISHNAN.N.VINOD	/	/	/	a	a	a	/	/	/
22	HRITHIK PRAKASAN	/	/	/	a	a	a	/	/	/
23	JUTEN PETER	/	/	/	/	/	/	/	/	/

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JCT College of Engineering and Technology

Pichanur Coimbatore-641105
Department of Petroleum Engineering



	LEON						a	a		
24	KANNAN V.S	/	/	/	a	/	/	/	/	/
25	KAVIYARASU M	/	/	/	/	/	/	/	/	/
26	KISHORE C	/	/	/	/	/	a	a	/	/
27	LAVANYA B	/	/	/	/	/	/	/	/	/
28	LIBIN JOSEPH	/	/	a	a	/	/	/	/	/
29	MAHARAJA M	/	/	/	/	/	/	/	a	/
30	MAHATHEER MOHAMED M	/	/	/	/	a	a	/	/	/
31	MOHAMMED SHAHIN	/	/	/	/	/	/	/	/	/
32	MUHAMMED AKASH M.K	/	/	/	/	/	/	/	/	/
33	MUHAMMED JASIL P.K	/	/	/	a	/	/	a	/	/
34	MUHAMMED SHEZIN	/	/	/	/	/	/	/	/	/
35	MUSTAQ AHAMED A	/	/	/	/	/	/	/	/	/
36	NABEEL NOUSHAD	/	/	a	a	/	/	/	/	/
37	NAVEEN R	/	/	/	/	/	/	/	/	/
38	NAWIN T	/	/	/	/	/	/	/	/	/
39	NETHAJI P	/	/	/	a	/	/	a	/	/
40	PAVITHRAN K	/	/	/	/	/	/	/	/	/

HOD

Petroleum Engineering Department



JCT College of Engineering and Technology

Pichanur Coimbatore-641105



Department of Petroleum Engineering

Student Feedback

Name of the student: Siva Sex(M/F) M

Department: Petroleum Engineering E-mail: Sivam5658@gmail.com

Address: Reddy, Villupuram, Chennai mobile: _____

Students are required to rate the courses.

Program: IT in Oil and Gas

[Tick(✓) in the relevant cell]

Parameters	A (v.good)	B(good)	C(satisfactory)	D(unsatisfactory)
1. knowledge base of the teacher (as perceived by you)		✓		
2. Communication skills (interm of articulation and compressibility)	✓			
3. sincerity/ commitment of the teacher	✓			
4. interest generated by the teacher		✓		
5. Ability to integrate course material with environment/ other issues, to provide a broader perspective	✓			
6. Ability to design quizzes/tests/assignments/ examinations and projects to evaluate students understanding of the course	✓			
7. Ability to integrate content with other courses.		✓		
8. provision for sufficient time for feedback	✓			
9. Overall rating		✓		

[Signature]
HOD/Petroleum

[Handwritten mark]



JCT College of Engineering and Technology

Pichanur Coimbatore-641105



Department of Petroleum Engineering

CERTIFICATION OF COMPLETION

This is to certify that Mr. /Ms AKSHAY PRADEEP has successfully completed the course on **IT in Oil and Gas** from 18-10-2022 to 29-10-2022. He was found to be satisfactory.

A handwritten signature in black ink, appearing to be 'SPE Convener'.

SPE Convener

A handwritten signature in blue ink, appearing to be 'Principal'.

Principal



JCT College of Engineering and Technology

Pichanur Coimbatore-641105



Department of Petroleum Engineering

CERTIFICATION OF COMPLETION

This is to certify that Mr. /Ms ANAND A has successfully completed the course on

IT in Oil and Gas from 18-10-2022 to 29-10-2022. He was found to be satisfactory.

A handwritten signature in black ink, appearing to be 'SPE Convener'.

SPE Convener

A handwritten signature in green ink, appearing to be 'Principal'.

Principal

DEPARTMENT OF MECHANICAL ENGINEERING

From

M.Prabhu,
Assistant Professor,
Mechanical Engineering,
JCT College of Engineering and Technology
Coimbatore

25/1/22

To

The Principal
JCT College of Engineering and Technology,
Coimbatore
Through
Dr.G.Magesh
HOD/Mechanical

permission
S. S. 25/1/22

Respected Sir,

Sub: Requisition of permission to conduct five days value added course on "Computer Aided Drafting and Modelling" - Reg.

I wish to conduct five days value added course on the topic of "Computer Aided Drafting and Modelling" for the students of our institution on **07/02/2022 to 11/02/2022**. Hence i request you to permit me to conduct the same. Herewith I enclosed the Invitation and Programme details.

Thanking You

M.Prabhu

Assistant Professor/Mechanical



HOD/MECH

HEAD OF THE DEPARTMENT
Department of Mechanical Engineering
JCT College of Engineering & Technology
Coimbatore - 641 105.

PRINCIPAL

JCT College of Engineering and Technology
Pichanur, Coimbatore - 641 105.

JCT/VAP03/2022

10.01.2022

CIRCULAR

It is hereby brought to your kind notice that the value added course for the odd semester of academic year 2021-2022 is scheduled between 07/02/2022 - 11/02/2022. The title of the programme is "Computer Aided Drafting and Modelling". The students are instructed to utilize this opportunity for their skill enhancement.



HoD/Mech

To be read in:

1. II Year Mechanical class

Copy to:

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board

HEAD OF THE DEPARTMENT
Department of Mechanical Engineering
JCT College of Engineering & Technology
Coimbatore - 641 105.



PRINCIPAL
JCT College of Engineering & Technology
PICHANUR, COIMBATORE - 641 105.

DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of Meeting

Chaired By : HoD/Mechanical
 Venue/Forum : Department Seminar hall
 Resource Person : Prof.M.Prabhu
 Faculty Members Attended :

Sl.No	Name	Designation	Department
1	Prof M Vijayakumar	Assistant Professor	Mechanical
2	Prof.M.Prabhu	Assistant Professor	Mechanical
3	Prof.S.Settu	Assistant Professor	Mechanical
4	Prof.K.Karthik	Associate Professor	Mechanical

Minutes

- Academic Year 2021-2022 as a part of academics Value added programs has been planned to conduct for the students.
- Classes for a VAC are conducted during the RESERVED Time Slot in a week or beyond the regular class hours
- The value added courses may be also conducted during weekends / vacation period.
- A student will be permitted to register only one Value Added Course in a year.

Sl.No	Course Code	Name of the Course
1	CADM 101	Computer Aided Drafting And Modeling
2	RP105	Robotics Programming
3	CNC 102	CNC Training
4	CDE 103	CREO for Design Engineer
5	NPDTE 104	New Product Development though EDGE CAM

- For this even semester **COMPUTER AIDED DRAFTING AND MODELING** training courses were fixed for 2nd year.
- All students are encourage to attend this value added programme to enhance the knowledge.


 HOD/Mech


 HEAD OF THE DEPARTMENT
 Department of Mechanical Engineering
 JCT College of Engineering and Technology
 Coimbatore - 641105

Course Module – VAP**CADM 101 : COMPUTER AIDED DRAFTING AND MODELING****MODULE 1: MODELLING SOFTWARE**

Study of capabilities of software for Drafting and Modeling (Coordinate systems (absolute, relative, polar, etc.) Creation of simple figures like polygon and general multi-line figures

Duration hr: 6H**MODULE 2:**

Drawing of a Title Block with necessary text and projection symbol, Drawing of curves like parabola, spiral, involute using B spline or cubic spine.

Duration hr: 6H**MODULE 3:**

Drawing of front view and top view of simple solids like prism, pyramid, cylinder, cone, etc, and dimensioning Drawing front view, top view and side view of objects from the given pictorial views.

Duration hr: 6H**MODULE 4:**

Drawing of a plan of residential building (Two bed rooms, kitchen, hall, etc.), Drawing of a simple steel truss, Drawing sectional views of prism, pyramid, cylinder, cone, etc,

Duration hr: 6H**MODULE 5:**

Drawing isometric projection of simple objects, Creation of 3-D models of simple objects and obtaining 2-D multi-view drawings from 3-D model

Duration hr: 6H**Total Hours : 30 Hours**

1/6

Students Attendance

SL.No.	Reg. No.	NAME	7.2.22	8.2.22	9.2.22	10.2.22	11.2.22
1	720920114001	ADHARSH T K	/	/	/	/	/
2	720920114002	AKASH S	/	/	/	/	/
3	720920114007	AVDHESH KUMAR	/	/	/	ab	/
4	720920114009	DHILNATH KS	/	/	/	/	/
5	720920114011	JITHIN MOORTHY N	/	/	/	/	/
6	720920114012	KANNAN S	/	/	/	/	/
7	720920114013	KARAN M	/	/	/	/	/
8	720920114015	LAKSHMI K R	/	ab	/	/	/
9	720920114016	MD ASHIQUE BABU	/	/	/	/	/
10	720920114022	SAKTHI B	/	/	/	/	/
11	720920114024	SANJEET KUMAR	/	/	/	/	/
12	720920114025	SANKEERTH SIVAM	/	/	ab	/	/
13	720920114027	SANTOSH KUMAR	/	/	/	/	ab
14	720920114031	STEFFIN STEPHEN T	/	/	/	/	/
15	720920114032	SURESH D	/	/	/	/	/
16	720920114033	VIKASH KUMAR BITTU	/	/	/	/	/
17	720920114301	ABINANDH C C	/	/	/	/	/
18	720920114303	AKASH S	/	/	/	/	/
19	720920114304	ANSHAD V A	/	/	/	/	/
20	720920114307	GAGAN KUMAR SANSI G	/	/	ab	/	/
21	720920114309	JOEL P	/	/	/	/	/
22	720920114311	MIRUNALAN M	/	/	/	/	/
23	720920114312	MONESH J	ab	/	/	/	/
24	720920114314	NIVED AB	/	/	/	/	/
25	720920114315	M PRABHU	/	/	/	/	/
26	720920114316	PRAMOB K PRASAD	/	/	/	/	/
27	720920114317	PRAVEEN S	/	/	/	/	/
28	720920114318	VIMAL GLADIN R	/	/	/	/	/
29	720920114319	SHIBU T K	/	/	/	/	/
30	720920114320	SUJIL G	/	/	/	/	/
31	720920114321	UMESH M	/	/	/	ab	/
32	720920114323	VIGNESH R	/	/	/	/	/
33	720920114326	NIMAL VARGHESE V	/	/	/	/	/
34	720920114327	MADHAV R NAIR	/	/	/	/	/



STUDENTS FEEDBACK SUMMARY

Month and Year : 02/2022Semester No : 03Course and Branch : BE MECHANICALDepartment : MECHANICALCourse conducted : COMPUTER AIDED DRAFTING & MODELLINGName of the student : SATULU E

Average Feedback of the Class ; (Make tick mark on below specified column)

SL NO	FACTORS	P	S	G	VG
1	Class and Time management				✓
2	Knowledge Sharing			✓	
3	Relationship				✓
4	Effectiveness			✓	
5	Overall Performance			✓	

(P – POOR , S – SATISFACTORY, G – GOOD , VG – VERY GOOD)

Deviation from the Quality Plan, if any : (Student comments about the session)

Nice & Technically More Learned



STUDENTS FEEDBACK SUMMARY

Month and Year : Feb 2022Semester No : 03Course and Branch : B.E MechanicalDepartment : MechanicalCourse conducted : CAD/CAMName of the student : Akash.S

Average Feedback of the Class ; (Make tick mark on below specified column)

SL NO	FACTORS	P	S	G	VG
1	Class and Time management			✓	
2	Knowledge Sharing				✓
3	Relationship				✓
4	Effectiveness			✓	
5	Overall Performance			✓	

(P - POOR , S - SATISFACTORY, G - GOOD , VG - VERY GOOD)

Deviation from the Quality Plan, if any : (Student comments about the session)

Very Informative Session



Certificates



JCT COLLEGE OF ENGINEERING&TECHNOLOGY

PICHANUR, COIMBATORE - 641 105

Accredited with AICTE, Affiliated to Anna University



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. AKASH S

who has successfully participated in the Value Added Course on "Computer Aided Drafting and Modelling" from 07/02/2022 to 11/02/2022 at JCT College of Engineering and Technology, Coimbatore

Mr.M.Prabhu

Dr.G.Magesh

Dr.S.Manoharan

Coordinator

HOD

Principal

Computer generated Certificate and hence requires no signature



JCT COLLEGE OF ENGINEERING&TECHNOLOGY

PICHANUR, COIMBATORE - 641 105

Accredited with AICTE, Affiliated to Anna University



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. SANJEET KUMAR

who has successfully participated in the Value Added Course on "Computer Aided Drafting and Modelling" from 07/02/2022 to 11/02/2022 at JCT College of Engineering and Technology, Coimbatore

Mr.M.Prabhu

Dr.G.Magesh

Dr.S.Manoharan

Coordinator

HOD

Principal

Computer generated Certificate and hence requires no signature

[Handwritten signature]

DEPARTMENT OF MECHANICAL ENGINEERING

From

25.7.2021

M Vijayakumar,
Assistant Professor,
Mechanical Engineering,
JCT College of Engineering and Technology
Coimbatore

To

The Principal
JCT College of Engineering and Technology,
Coimbatore

Through

Dr.G.Magesh
HOD/Mechanical

Respected Sir,

Sub: Requisition of permission to conduct five days value added course on "CNC Training" -Reg.

I wish to conduct five days value added course on the topic of "**CNC Training**" for the students of our institution on **09/08/2021 to 13/08/2021**. Hence i request you to permit me to conduct the same. Herewith I enclosed the invitation and Programme details.

Thanking You,

M Vijayakumar



Assistant Professor/Mechanical



HOD/MECH

HEAD OF THE DEPARTMENT
Department of Mechanical Engineering
JCT College of Engineering & Technology
Coimbatore - 641 105.



PRINCIPAL
JCT College of Engineering & Technology
PICHANUR, COIMBATORE - 641 105.



Principal

DEPARTMENT OF MECHANICAL ENGINEERING**JCT/VAP02/2021****01.08.2021****CIRCULAR**

It is hereby brought to your kind notice that the value added course for the odd semester of academic year 2021-2022 is scheduled between **09/08/2021 – 13/08/2021**. The title of the programme is "**CNC Training**". The students are instructed to utilize this opportunity for their skill enhancement.

**HoD/Mech****To be read in:**

- 1) Third Year Mechanical class

HEAD OF THE DEPARTMENT
Department of Mechanical Engineering
JCT College of Engineering & Technology
Coimbatore - 641 105.

Copy to:

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board



PRINCIPAL
JCT College of Engineering & Technology
PICHANUR, COIMBATORE - 641 105.

DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of Meeting

Chaired By : HoD/Mech
Venue/Forum : Dept.Seminar hall
Resource Person : Prof M Vijayakumar
Faculty Members Attended :

Sl.No	Name	Designation	Department
1	Prof M Vijayakumar	Assistant Professor	Mechanical
2	Prof.M.Prabhu	Assistant Professor	Mechanical
3	Prof.S.Settu	Assistant Professor	Mechanical
4	Prof.K.Karthik	Associate Professor	Mechanical

Minutes

- Academic Year 2021-2022 as a part of academics Value added programs has been planned to conduct for the students.
- Classes for a VAC are conducted during the RESERVED Time Slot in a week or beyond the regular class hours
- The value added courses may be also conducted during weekends / vacation period.
- A student will be permitted to register only one Value Added Course in a year.

Sl.No	Course Code	Name of the Course
1	CADM 101	Computer Aided Drafting And Modeling
2	RP105	Robotics Programming
3	CNC 102	CNC Training
4	CDE 103	CREO for Design Engineer
5	NPDTE 104	New Product Development though EDGE CAM

- For this odd semester **CNC TRAINING** training courses were fixed.
- All students are encourage to attend this value added programme to enhance the knowledge


HOD/Mech



HEAD OF THE DEPARTMENT
Department of Mechanical Engineering
JCT College of Engineering & Technology
Coimbatore - 641 105.

DEPARTMENT OF MECHANICAL ENGINEERING

Course Module – VAP**CNC 102 : CNC TRAINING****MODULE 1: MANUAL CNC PART PROGRAMMING – CNC LATHE**

Manual CNC Part Programming Using Standard G and M Codes for CNC Lathe - Tool Path Simulation – Exposure to Various Standard Control Systems - Machining simple components by Using CNC Production Lathe

Duration hr: 10 Hr

MODULE 2: MANUAL CNC PART PROGRAMMING – CNC MILLING

Manual CNC Part Programming Using Standard G and M Codes for CNC Milling Machine - Tool Path Simulation – Exposure to Various Standard Control Systems - Machining simple components by Using CNC trainer milling machines.

Duration hr: 10 Hr

MODULE 3: COMPUTER AIDED PART PROGRAMMING – STL FILE GENERATION

CL Data Generation by Using CAM Software – Post Process Generation for Different Control System.

Duration hr: 10 Hr

Total Hours : 30 Hours



DEPARTMENT OF MECHANICAL ENGINEERING

Students Attendance

SL.No.	Reg. No.	NAME	9.8.22	10.8.22	11.8.22	12.8.22	13.8.22
1	720919114001	ABHIJITH.P	/	/	/	/	/
2	720919114002	ANIL KUMAR A M	/	/	/	/	/
3	720919114003	ASHIN M.M	/	/	/	/	/
4	720919114004	CHRISTOES DENISHAN V	ab	/	/	/	/
5	720919114006	GOKUL O M	/	/	/	/	/
6	720919114007	GOWTHAM M	/	/	/	/	ab
7	720919114008	HARIHARAN S	/	/	/	/	/
8	720919114009	MOHAMMED SHAHEEN BIN SALEEM	/	ab	/	/	/
9	720919114010	MUTHUKUMAR M	/	/	/	/	/
10	720919114012	NIKHIL RAJ P	/	/	/	/	/
11	720919114013	PAVITHRAJ R	/	/	/	/	/
12	720919114016	RAJESH KANNAN R	/	/	/	/	/
13	720919114017	SHARUN RAJ.K	/	/	/	/	/
14	720919114019	SRIJIL.E	/	/	/	/	/
15	720919114020	VINEETH S	/	/	/	/	/
16	720919114022	CHANDAN KUMAR	/	/	/	/	/
17	720919114023	RITIK KUMAR RAM	/	/	ab	/	/
18	720919114029	ANIRUDH SADANANDAN	/	/	/	/	/
19	720919114034	CHANDAN KUMAR	/	/	/	/	/
20	720919114041	RANJEET KUMAR RAM	/	/	/	/	/
21	720919114042	ITIHAS KUMAR	/	/	/	/	/
22	720919114301	AKSHAI U	/	/	/	/	/
23	720919114302	ARAVIND KUMAR G	ab	/	/	/	/
24	720919114303	ARJUN V U	/	/	/	/	/
25	720919114304	ASHWIN K PATIROSE	/	/	/	/	/
26	720919114305	FAWAS I	/	/	/	/	/
27	720919114306	JAYAFIR SADIQ P	/	/	/	/	/
28	720919114308	VASUTHEVAN B	/	/	/	/	/
29	720919114309	POORNIMA V M	/	/	/	/	/
30	720919114311	AJITH KUMAR R	/	/	ab	/	/

556

DEPARTMENT OF MECHANICAL ENGINEERING

STUDENTS FEEDBACK SUMMARY

Month and Year : AUGUST 2021Semester No : 05Course and Branch : B E MechanicalDepartment : MechanicalCourse conducted : CNC TrainingName of the student : Vineeth S

Average Feedback of the Class : (Make tick mark on below specified column)

SL NO	FACTORS	P	S	G	VG
1	Class and Time management			✓	
2	Knowledge Sharing				✓
3	Relationship			✓	
4	Effectiveness			✓	
5	Overall Performance			✓	

(P - POOR , S - SATISFACTORY, G - GOOD , VG - VERY GOOD)

Deviation from the Quality Plan, if any (Student comments about the session)

Had More Practical exposure



DEPARTMENT OF MECHANICAL ENGINEERING

STUDENTS FEEDBACK SUMMARY

Month and Year : 08/2021Semester No : 05Course and Branch : BE MechanicalDepartment : Mechanical EngineeringCourse conducted : CNC TrainingName of the student : Arjun Kumar R

Average Feedback of the Class : (Make tick mark on below specified column)

SL NO	FACTORS	P	S	G	VG
1	Class and Time management				
2	Knowledge Sharing			✓	
3	Relationship		✓		
4	Effectiveness			✓	
5	Overall Performance			✓	

(P - POOR , S - SATISFACTORY, G - GOOD , VG - VERY GOOD)

Deviation from the Quality Plan, if any : (Student comments about the session)

Very useful session


DEPARTMENT OF MECHANICAL ENGINEERING



JCT COLLEGE OF ENGINEERING&TECHNOLOGY

PICHANUR, COIMBATORE - 641 105

Accredited with AICTE, Affiliated to Anna University



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. ASHIN M.M.
 who has successfully participated in the Value Added Course on "**CNC Training**" from **09/08/2021 to 13/08/2021** at JCT College of Engineering and Technology, Coimbatore

Mr. M. Vijayakumar

Coordinator

Dr. G. Magesh

HOD

Dr. V. J. Arulkarthick

Principal

Computer generated Certificate and hence requires no signature



JCT COLLEGE OF ENGINEERING&TECHNOLOGY

PICHANUR, COIMBATORE - 641 105

Accredited with AICTE, Affiliated to Anna University



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. CHRISTOES DENISHAN V.
 who has successfully participated in the Value Added Course on "**CNC Training**" from **09/08/2021 to 13/08/2021** at JCT College of Engineering and Technology, Coimbatore

Mr. M. Vijayakumar

Coordinator

Dr. G. Magesh

HOD

Dr. V. J. Arulkarthick

Principal

Computer generated Certificate and hence requires no signature



DEPARTMENT OF MECHANICAL ENGINEERING

From

2/8/2021

S.Settu,
Assistant Professor,
Mechanical Engineering,
JCT College of Engineering and Technology
Coimbatore

To

The Principal
JCT College of Engineering and Technology,
Coimbatore
Through
Dr.G.Magesh
HOD/Mechanical

Respected Sir,

Sub: Requisition of permission to conduct five days value added course on “**CREO for Design Engineers**” – Reg.

I wish to conduct five days value added course on the topic of “**CREO for Design Engineers**” for the students of our institution on **16/08/2021 to 20/08/2021**. Hence i request you to permit me to conduct the same. Herewith I enclosed the Invitation and Programme details.

Thanking You,

S.Settu



Assistant Professor/Mechanical



HOD/MECH

HEAD OF THE DEPARTMENT
Department of Mechanical Engineering
JCT College of Engineering & Technology
Coimbatore - 641105.

PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.



Principal

DEPARTMENT OF MECHANICAL ENGINEERING**NIT/VAP02/2021****01.08.2021****CIRCULAR**

It is hereby brought to your kind notice that the value added course for the even semester of academic year 2021-2022 is scheduled between **16/08/2021 – 20/08/2021**. The title of the programme is **“CREO for Design Engineers”**. The students are instructed to utilize this opportunity for their skill enhancement.

**HoD/Mech**

HEAD OF THE DEPARTMENT
Department of Mechanical Engineering
JCT College of Engineering & Technology
Coimbatore - 641 105.

To be read in:

- 1) Final Year Mech class

Copy to:

1. Chairman/Secretary/Principal
2. All HOD's.
3. Department Notice Board



PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of Meeting

Chaired By : HoD/Mech
Venue/Forum : Dept.Seminar hall
Resource Person : Prof.S.Settu
Faculty Members Attended :

Sl.No	Name	Designation	Department
1	Prof M Vijayakumar	Assistant Professor	Mechanical
2	Prof.M.Prabhu	Assistant Professor	Mechanical
3	Prof.S.Settu	Assistant Professor	Mechanical
4	Prof.K.Karthik	Associate Professor	Mechanical

Minutes

- Academic Year 2021-2022 as a part of academics Value added programs has been planned to conduct for the students.
- Classes for a VAC are conducted during the RESERVED Time Slot in a week or beyond the regular class hours
- The value added courses may be also conducted during weekends / vacation period.
- A student will be permitted to register only one Value Added Course in a year.

Sl.No	Course Code	Name of the Course
1	CADM 101	Computer Aided Drafting And Modeling
2	RP106	Robotics Programming
3	CNC 102	CNC Training
4	CDE 105	CREO for Design Engineer
5	NPDTE 103	New Product Development though EDGE CAM
6	FESA 104	Ansys Certified "Finite Element Analysis using ANSYS"

- For this even semester **CREO for Design Engineers** training courses were fixed.
- All students are encourage to attend this value added programme to enhance the knowledge


HOD/Mech


PRINCIPAL
JCT College of Engineering and Technology
PICHANUR, COIMBATORE - 641 105.

HEAD OF THE DEPARTMENT
Department of Mechanical Engineering
JCT College of Engineering & Technology
Coimbatore - 641 105.

DEPARTMENT OF MECHANICAL ENGINEERING**Course Module – VAP****CDE 105 : CREO FOR DESIGN ENGINEER****MODULE 1: Part Modeling (Basics-I)**

Selecting & Editing of Geometry, Features, Models – Sketcher Geometry & Sketcher Tools- Sketches & Datum Features – Extrudes-solid, Revolves-solid and Ribs.

Duration hr: 6 Hrs**MODULE 2: Part Modeling (Basics-II)**

Creating Holes-Coaxial, Linear, Radial and Diameter holes, Shells, Draft-Split draft & Patterns-Axis pattern – Creating rounds-by selecting a surface and edge, selecting two surfaces, full rounds, Chamfers & Layers.

Duration hr: 6 Hrs**MODULE 3: Part Assembly**

Assembling with constraints-Assembly theory, default constraints, Coincident constraints, Distance constraints, Parallel, normal & angle constraints Exploding, Replacing components, Cross -Sections in Assemblies

Duration hr: 6 Hrs**MODULE 4: Part Modeling (Advanced)**

Creating Sweeps and Blend- sweeps with variable sections- helical sweeps and swept blends- groups, copy, mirror & UDF's- Measuring, Inspecting Models.

Duration hr: 6 Hrs**MODULE 5: Flexible Modeling.**

Introduction to flexible modeling- Editing, Transformations & Recognition in Flexible Modeling

Duration hr: 6 Hrs**Total : 30 Hours**
JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
PICHANUR, COIMBATORE - 641 105

DEPARTMENT OF MECHANICAL ENGINEERING

Students Attendance

SL.No.	Reg. No.	NAME	16.8.22	17.8.22	18.8.22	19.8.22	20.8.22
1	720918114001	ABDUL BASIDE A	/	/	/	/	/
2	720918114002	ABHINAND KRISHNA	/	/	/	ab	/
3	720918114004	ADIL HASHIM S	/	/	/	/	/
4	720918114005	AKASH S	/	ab	/	/	/
5	720918114006	AKHIL BINOY	/	/	/	/	/
6	720918114007	ALTHAF A	/	/	/	/	/
7	720918114008	AMAL K S	/	/	/	/	/
8	720918114009	AMAL V JAYAPRAKASH	/	/	/	/	/
9	720918114010	AMARNATH A	/	/	/	/	/
10	720918114011	ANILJITH V P	/	/	/	/	/
11	720918114013	ARUN P K	/	ab	/	/	/
12	720918114014	DEEPAK KUMAR V	/	/	/	/	/
13	720918114015	GOKUL M	/	/	/	/	ab
14	720918114016	HASHIM S K	/	/	/	/	/
15	720918114017	IRSHAD I	/	/	/	/	/
16	720918114018	JASWIN JAYAKUMAR	ab	/	/	/	/
17	720918114020	MOHAMMED SAHAL J	/	/	/	/	/
18	720918114022	MUHAMMED SHAFAS K A	/	/	/	/	/
19	720918114023	PACHAIYARASAN G	/	/	/	/	/
20	720918114024	PINJOFFER F THEKKANATH	/	/	/	/	/
21	720918114025	PRAVEENRAJ J	/	/	/	/	/
22	720918114026	PREMJITH P	/	/	/	/	/
23	720918114027	RAGHUL R	/	/	/	/	/
24	720918114028	RAHUL P S	/	/	/	/	/
25	720918114030	SANJAY V	/	/	/	/	/
26	720918114031	SILAMBARASAN G	/	/	/	/	/
27	720918114032	SIVALAL M	/	/	/	/	/
28	720918114033	SREERAG A	/	/	/	/	/
29	720918114034	SRIDHAR K	/	/	/	/	/
30	720918114035	SRIDHAR K	/	/	/	/	/
31	720918114036	SRIRAM K	/	/	/	/	/
32	720918114039	VASUDEVAN K	/	/	/	/	/
33	720918114040	VIGNESH M	/	/	/	/	/
34	720918114041	VIGNESH S	/	/	/	/	/

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35	720918114042	VIJAYAKUMAR T	ab	/	/	/	/
36	720918114043	VISAKH M S	/	/	/	/	/
37	720918114044	VISHNNU M	/	/	/	/	/
38	720918114045	VISHNU K P	/	/	/	/	/
39	720918114047	VYSAG S	/	/	/	/	/
40	720918114048	PUGAZHENTHI P	/	/	/	/	/
41	720918114301	ANANDU K	/	/	/	/	/
42	720918114302	ANSON A A	/	/	/	/	/
43	720918114304	TOMCY ROY	/	ab	/	/	/
44	720918114504	SAMUVEL SEBASTIAN	/	/	/	/	/
45	720918114901	RITHIN PRAVEEN	/	/	/	/	/



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STUDENTS FEEDBACK SUMMARY

Month and Year 08/2024Semester No 02Course and Branch 3rd MechanicalDepartment MechanicalCourse conducted : CAD for Design SystemsName of the student Deepak Kumar V

Average Feedback of the Class : (Make tick mark on below specified column)

SL NO	FACTORS	P	S	G	VG
1	Class and Time management			✓	
2	Knowledge Sharing				✓
3	Relationship				✓
4	Effectiveness			✓	
5	Overall Performance			✓	

(P - POOR , S - SATISFACTORY , G - GOOD , VG - VERY GOOD)

Deviation from the Quality Plan, if any : (Student comments about the session)

Learned basic ideas about CAD Software.


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STUDENTS FEEDBACK SUMMARY

Month and Year : 08/2021Semester No : 05Course and Branch : B.E MechanicalDepartment : MechanicalCourse conducted : CREO for Design EngineersName of the student : Raghu R

Average Feedback of the Class ; (Make tick mark on below specified column)

SL NO	FACTORS	P	S	G	VG
1	Class and Time management				✓
2	Knowledge Sharing				✓
3	Relationship			✓	
4	Effectiveness			✓	
5	Overall Performance				✓

(P - POOR , S - SATISFACTORY , G - GOOD , VG - VERY GOOD)

Deviation from the Quality Plan, if any : (Student comments about the session)

It's More Practical one


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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. ASHUTOSH A who has successfully participated in the Value Added Course on "CREO for Design Engineers" from 16/08/2021 to 20/08/2021 at JCT College of Engineering and Technology, Coimbatore.

Dr. S. S. Srinivas
Coordinator

Dr. S. S. Srinivas
HOD

Dr. V. S. Srinivas
Principal

Computer generated Certificate and hence requires no signature



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